

CURRICULUM VITAE

of

Carlos M. G. Duran, M.D., Ph.D.

Updated through June 1, 2006

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Prof. Carlos M. G. Duran, M.D., Ph.D.

Dr. Duran is one of the leading cardiac surgeons in the world specializing in heart valve reconstruction and replacement. He is a pioneer in the use of natural tissues for heart valve surgery.

From 1954 to 1958, after medical school at Madrid University, he trained in general and thoracic surgery at Hopitaux de Paris under Professor Dubost. From 1959 to 1967, Dr. Duran studied under Professor Allison at London and Oxford Universities, and completed Ph.D. requirements with research work on the transplantation of heart valves. This research led to the first successful human aortic valve implantation performed in London in 1962 by Mr. Donald R. Ross and the first porcine aortic valve transplantation in Paris in 1965 by Dr. J. P. Binet.

Since 1967, Dr. Duran has had teaching and clinical appointments at several University medical centers. In 1976, he advanced mitral valve reconstruction techniques with the invention of the "Duran Ring." The Duran Ring is a flexible, prosthetic device that is sewn to the supportive framework of a weak and dilated heart valve to provide needed support.

Dr. Duran was the Chairman of the Cardiovascular Department at King Faisal Specialist Hospital and Research Center in Riyadh, Saudi Arabia prior to accepting his current positions of President/CEO of The International Heart Institute of Montana Foundation and Chair of Cardiovascular Sciences at The University of Montana.

A member of 30 international medical societies, Dr. Duran also participates on the editorial board or is a reviewer for 15 medical journals. His work, particularly in valve surgery, has led to more than 340 peer-reviewed publications, 500 abstracts and papers presented at scientific meetings, and 34 chapters in medical texts.

Dr. Duran's wife, Begonia Gometza, is also a physician, and they have seven children who live all over the world.

CURRICULUM VITAE

FULL NAME CARLOS M. GOMEZ-DURAN LAFLEUR

DATE OF BIRTH June 11, 1932

MARITAL STATUS Married, Begonia Gometza, D. Pharm., M.D.
Children: seven

ADDRESS

Work: The International Heart Institute of Montana
500 West Broadway, Suite 350
Missoula, Montana 59802 USA
Phone: (406) 329 5668
Fax: (406) 329 5880
E-mail: cduran@saintpatrick.org

Home: 1232 Gerald Avenue
Missoula, Montana 59801 USA
Phone: (406) 728 9451
Fax: (406) 728 9328
E-mail: duran@montana.com

EDUCATION

German School, Madrid, 1939-41
HH Maristas, Madrid, 1941-47
School of Medicine, Madrid University, 1948-1956

MEDICAL DEGREES

Licensure in Medicine & Surgery,
Madrid University, Madrid, Spain - 1954

Doctor in Medicine (M.D.)
Madrid University, 1956
Thesis: "Hipotermia en Cirugia Cardiaca"

Doctor in Philosophy (D. Phil)
Oxford University, 1966
Thesis: "Transplantation of Heart Valves"

ACADEMIC DEGREES

Professeur Agregé en Chirurgie Thoracique et Cardiovasculaire
Universite de Paris, France
Published: J Off. Rep. Francaise, 30 Juillet, 1976, 3820

Professor of Surgery, ("Titular") Universidad de Cantabria
Santander, Spain - 1986

Professor of Surgery ("Catedratico") Universidad de Cantabria
Santander, Spain - 1989

POSTGRADUATE TRAINING

- 1954-1956 Spanish Research Council Scholar (CSIC)
Service Prof. F. D'Allaines (General Surgery)
Hopital Broussais, Paris, France
- 1956-1957 Interne des Hopitaux de Paris (Titre Etranger)
Service Prof. Lortat Jacob (General Surgery)
Hopital Tenon, Paris, France
- 1957-1958 Interne des Hopitaux de Paris
Service Prof. J. Mathey (Thoracic and Cardiovascular Surgery)
Hopital Laennec, Paris, France
- 1958-1959 Surgical Assistant, Hospital San Pedro, Madrid
- 1959-1961 Anatomy Demonstrator, Oxford University
Primary Fellowship Course, Examination & Pass
Royal College of Surgeons, London, England
- 1961-1963 Juan March Scholar, Prof. Phillip R. Allison
Nuffield Department of Surgery, Radcliffe Infirmary
Oxford University, Oxford, England
- 1963-1964 Registrar: Thoracic Unit, Drs. A. Gunning & C. Grimshaw
Churchill Hospital, Oxford, England
- 1964-1966 Senior Registrar, Thoracic Unit, Drs. Gunning & Grimshaw
Churchill Hospital, Oxford, England
- 1965-1967 Research Assistant, Nuffield Dept. of Surgery, Prof. PR Allison
Medical Research Council of Great Britain Scholar
Radcliffe Infirmary, Oxford University, England

CERTIFICATIONS

- General Surgery Boards, Madrid, Spain
November 11, 1963
- Cardiovascular Surgery Boards, Madrid, Spain
March 22, 1966
- Fellow, European Board of Thoracic & Cardiovascular Surgery
June 1998
- Fellow, American College of Cardiology
August 1998
- Fellow, American Heart Association
January 2002

LICENSURES

- Colegio de Medicos de Madrid (Spain, 1958)
Colegio de Medicos de Navarra (Spain, 1967)
Colegio de Medicos de Santander (Spain, 1974 # 1622)
Colegio de Medicos de Vizcaya (Spain, 1986 # 48015)
State of Montana (USA, 1995 # 1)

PROFESSIONAL APPOINTMENTS

- ◆ 1967-1974: Head, Thoracic and Cardiovascular Service, University Clinic, University of Navarra, Pamplona, Spain
- ◆ 1967-1974: Consultant, National Health Hospital, Pamplona, Spain
- ◆ 1974-1988: Head, Cardiovascular Service, Hospital Nacional Marques de Valdecilla, Santander, Spain
- ◆ 1988-1995: Chairman Department Cardiovascular Diseases, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia
- ◆ 1995 to present: President & CEO, The International Heart Institute of Montana Foundation, Missoula, Montana, USA
- ◆ 1998 to present: Medical Director, The International Heart Institute of Montana, St. Patrick Hospital, Missoula, Montana, USA

ACADEMIC APPOINTMENTS

- ◆ 1967-1974: Professor of Surgery, University of Navarra Medical School, Pamplona, Spain
- ◆ 1974-1988: Professor of Surgery, University of Cantabria Medical School, Santander, Spain
- ◆ 1983-1988: Special Consultant in Cardiac Surgery, Scripps Clinic and Research Foundation, La Jolla, California, USA
- ◆ 1988-1993: Adjunct Professor of Surgery, Loma Linda University Medical Center, Loma Linda, California, USA
- ◆ 1995-present: Professor and Chair of Cardiovascular Sciences, The University of Montana, Missoula, Montana, USA

COMMITTEES

- ◆ President, Spanish Society for Cardiovascular Surgery, Spain (1984 -1988)
- ◆ President, Board of Cardiovascular Surgery, Spain (1987 - 1988)
- ◆ Member, National Committee for Medical Research Funding, (FISS) Spain (1986 - 1988)
- ◆ Chairman, Search Committee, King Faisal Specialist Hospital (1990-1993)
- ◆ Patient Care Committee, King Faisal Specialist Hospital (1991-1995)
- ◆ Clinical Protocol Committee (IRB), King Faisal Specialist Hospital (1992-1995)
- ◆ Consultant Appointment Committee, King Faisal Specialist Hospital (1992-1995)

PRESENT EMPLOYMENT

Since 1995 in Missoula, Montana, USA:

- ◆ Chair of Cardiovascular Sciences, The University of Montana
- ◆ President & CEO, The International Heart Institute of Montana Foundation
- ◆ Cardiothoracic Surgeon, St. Patrick Hospital and Health Sciences Center
- ◆ Medical Director, The International Heart institute of Montana, St. Patrick Hospital

SOCIETIES

Honorary Member

- * Canadian Society of Cardiothoracic Surgery (1991)
- * Asian Association for Cardiothoracic Surgery (1993)
- * Society of Cardiothoracic Surgeons of Great Britain & Ireland (1994)
- * Florida Society of Thoracic & Cardiovascular Surgeons (1995)
- * Sociedad Peruana de Cirugia Toracica y Cardiovascular (1997)

International

- * International Cardiovascular Society
- * International Academy of Chest Physicians
- * European Society for Experimental Surgery
- * European Society for Artificial Organs
- * International Society of Biomaterials
- * International Heart Transplantation Society
- * European Association for Cardiothoracic Surgery
- * European Association for the Study of Bioprosthesis
- * The Scientific Committee for the Advancement of Cardiac Bioprosthesis
- * Sociedad Argentina de Cardiologia – Corresponding Member (1999)
- * The Society for Heart Valve Disease

USA

- * The American Association for Thoracic Surgery
- * The Society of Thoracic Surgeons
- * Council of Cardiovascular Surgery of the American Heart Association
- * American Association for the Advancement of Science
- * Fellow, American College of Cardiology
- * Fellow, American Heart Association
- * Heart Valve Society of America

Great Britain

- * Surgical Research Society
- * British Cardiac Society
- * Society of Heart Valve Disease

France

- * Societe de Chirurgie Thoracique et Cardiovasculaire de Langue Francaise

Spain

- * Sociedad Espanola de Cardiologia
- * Sociedad Espanola de Cirugia
- * Sociedad Espanola de Cirugia Cardiovascular
- * Sociedad Espanola de Educacion Medica
- * Sociedad Espanola de Medicina Intensiva y Unidades Coronarias
- * Sociedad Espanola de Investigaciones Quirurgicas

EDITORIAL & ADVISORY BOARDS

1. Revista Espanola de Cardiologia. Official organ of the Sociedad Espanola de Cardiologia, 1977-1978
2. Journal of Cardiovascular Surgery. Official organ of the International Cardiovascular Society, 1979-1982
3. Revista de Cirugia Espanola. Official organ of the Asociacion Espanola de Cirugia, 1988
4. Revista Espanola de Cirugia Cardiaca, Toracica y Cardiovascular, 1988
5. Regional Editor: (Europe, Middle East, Africa, India). Journal of Cardiovascular Surgery. Official organ of the International Society of Cardiovascular Surgery, September 1983 to 1988
6. The Thoracic and Cardiovascular Surgeon. Official organ of the Austrian, German, Netherlands, UK and Spanish Association for Thoracic Surgery, 1985 -1990
7. The European Heart Journal (United Kingdom), 1985 - 1988
8. The European Journal of Cardiothoracic Surgery (Switzerland), 1986 -1988
9. The Journal of Cardiac Surgery (USA) 1986 - present
10. CV World Report (Germany), 1987 -1993
11. Annals of Saudi Medicine (Saudi Arabia), 1989 - present
12. Saudi Heart Bulletin/Journal of the Saudi Heart Association (Saudi Arabia), 1989 - present
13. Asian Cardiovascular and Thoracic Annals (Singapore), 1993 - present
14. The Journal of Heart Valve Disease (United Kingdom), 1993 - present
15. Cirugia Cardiovascular (Spain), 1994 - present
16. Video Journal of Cardiothoracic Surgery (USA), 1996 - 2001
17. Cardiologia al Dia. (Colombia), 1998 - present
18. Indian Journal of Thoracic & Cardiovascular Surgery (India), 2000 – 2001
19. AATS Thoracic Surgery News Associate Editor, Adult Cardiac (USA), 2005 – present

REVIEWER

1. The Annals of Thoracic Surgery (USA) 1989 - 2004
2. Journal of the American College of Cardiology, JACC (USA) 2002 - present
3. The Journal of Thoracic and Cardiovascular Surgery (USA) 2003 - present
4. Circulation, The Journal of the American Heart Association (USA) 2003 - present
5. The Journal of Heart Valve Disease (UK) 1992 - present
6. The European Journal of Cardio-Thoracic Surgery (Switzerland) 2001 - present
7. Asian Cardiovascular and Thoracic Annals (Singapore) 1993 - present
8. The Journal of Cardiac Surgery (USA) 1986 - present
9. The Indian Journal of Thoracic and Cardiovascular Surgery (India) 1993 - present
10. ASAIO, The American Society for Artificial Internal Organs (USA) 2004 - present
11. Biomaterials (International) 2004 – present
12. Cells, Tissues, Organs (International) 2005 - present

PATENTS

1. **Bicuspate Cardiac-valve Prosthesis**
U.S. Patent Number 4,731,075
Filed: December 17, 1985
Issued: March 15, 1988
Inventors: JI Gallo Mezo, M Carrion Alvarez, B Ruiz, CMG Duran
Describes a bicuspate cardiac valve prosthesis for use in human clinical medicine as a mitral valve graft.
2. **Sigmoid Valve Annuloplasty Ring**
U.S. Patent Number: 5,258,021
Filed: January 27, 1992
Issued: November 2, 1993
Inventor: CMG Duran
Describes an original sinusoidal shaped wire-like ring that follows the contours of the normal aortic annulus so that it reduces a dilated aortic valve annulus to its normal size and shape.
3. **Valveless Conduit with Sigmoid Valve Annuloplasty Ring**
U.S. Patent Number: 5,376,112
Filed: March 19, 1993
Issued: December 27, 1994
Inventor: CMG Duran
Describes a synthetic conduit with sinuses of Valsalva, without a trileaflet valve but with an annuloplasty ring. Designed to be used as an ascending aorta replacement with conservation of the patient's own aortic valve.
4. **Bioprosthetic Heart Valve with Absorbable Stent**
U.S. Patent Number: 5,489,297
Filed: November 2, 1994
Issued: February 6, 1996
Inventor: CMG Duran
Describes a new tissue heart valve that has an absorbable and therefore temporary stent that maintains the tissue at the time of surgery.
5. **External Sigmoid Valve Complex Frame and Valved Conduit supported by the same**
U.S. Patent Number: 5,545,215
Filed: September 14, 1994
Issued: August 13, 1996
Inventor: CMG Duran
Describes a valved conduit made of pericardium autologous, homologous or heterologous supported by a frame to avoid distortion of the sinuses of Valsalva of the conduit.
6. **Annuloplasty System**
U.S. Patent Number: 5,669,919
Filed: August 16, 1996
Issued: September 23, 1997
Inventors: EH Sanders, CMG Duran, and assigned to Medtronic, Inc.
Describes a holder to support the annuloplasty ring during the suturing of a ring to a heart valve annulus. The holder can be released from and reattached to the handle without any rotary motion or axial pressure.
7. **Rigid Annuloplasty Device That Becomes Compliant After Implantation**
U.S. Patent Number: 6,159,240
Filed: August 31, 1998
Issued: December 12, 2000

Inventors: RV Sparer, DF Untereker, EA Ebner, TP Grailer, BR Vegoe, HS Shim, CMG Duran, and assigned to Medtronic, Inc.

Describes a system for holding different models of flexible mitral annuloplasty rings in place. The system not only holds the ring in position while sutures are placed, but also maintains it once in position on the mitral annulus while the sutures are being tied and while valve competence is checked.

8. **Compliant Dehydrated Tissue for Implantation and Process of Making the Same**
U.S. Patent Numbers: 6,277,555 B1 and 6,630,001 B2
Filed: March 24, 2000 (B1) and June 24, 1998 (B2)
Issued: August 21, 2001 (B1) and October 7, 2003 (B2)
International Patent Application Number: PCT/US99/14247 Filed June 23, 1999
Inventors: CMG Duran, DT Cheung, DC Pang, and assigned to IHIMF
Describes a process for producing compliant dehydrated biological implant materials that have no viable cells and can be stored and transported without being immersed in liquid.
9. **Mold to Form Stent-Less Replacement Heart Valves from Biological Membranes**
U.S. Patent Number: 6,491,511
Filed: October 14, 1999
Issued: December 10, 2002
Inventors: CMG Duran, JH Yeo, and assigned to IHIMF
Describes a mold on which to shape biological membranes into the configuration of replacement heart valves to be used in cardiac surgery. Also includes a sizer for measuring the valve annulus of a patient so as to determine the appropriate size mold to be used in that patient.
10. **Solution and Method for Treating Autologous Tissue for Implant Operation**
U.S. Patent Number: 6,352,708
Filed: October 14, 1999
Issued: March 5, 2002
Inventors: CMG Duran, DT Cheung, DC Pang, and assigned to IHIMF
Describes a solution suitable for treating autologous tissue after the tissue has been removed from a mammal to render the tissue more suitable for handling and molding it into the desired shape and obtain predictable results after implantation in the mammal.
11. **Atrio-Ventricular Valvular Device**
U.S. Patent Number: 6,358,277
Filed: June 21, 2000
Issued: March 19, 2002
Inventor: CMG Duran, and assigned to IHIMF
Describes an anatomically designed tissue mitral valve that is stentless and supports the chordae tendinae on implantation.
12. **Reed Valve for Implantation into Mammalian Blood Vessels and Heart with Optional Temporary or Permanent Support**
U.S. Patent Application No: 60/373,171
Filed: April 11, 2003
Issued: Pending
Inventor: CMG Duran
Describes a one-way biological tissue valve that can be implanted in the heart or veins to repair damaged or diseased valves. It can be implanted with or without optional stents.
13. **Flexible Annuloplasty Prosthesis and Holder**
U.S. Patent Application No.: 10/174,199
Filed: June 19, 2002
Issued: Pending
Inventors: T Ryan, J Morrow, CMG Duran, and assigned to Medtronic, Inc.

Describes a flexible annuloplasty prosthesis for use in heart valve repair, including a holder used in the implantation process.

14. **Sigmoid Valve and Method for Its Percutaneous Implantation**

U.S. Patent Application No.: 10/411,797

Filed: April 11, 2003

International Patent Application No. WO 2004/091455

Issued: Pending

Inventors: CMG Duran, ML Sanz, and assigned to IHIMF

Describes a prosthetic valve that can be percutaneously implanted into the heart or vessels of the circulatory system.

15. **A System, Including Method and Apparatus for Percutaneous Endovascular Treatment of Functional Mitral Valve Insufficiency**

U.S. Patent Application No.: 60/688,319

Filed: June 7, 2005 (Provisional)

Issued: Pending

Inventors: CMG Duran, ML Sanz, Martinez de Ubago, and assigned to IHIMF

Describes a completely novel, percutaneous, endovascular approach for the treatment of functional mitral regurgitation.

16. **Papilloplasty Band and Sizing Device**

U.S. Patent Application No.: 11/063,236

Filed: February 22, 2005

Issued: Pending

Inventor: CMG Duran

Unique semi-circular papillary muscle and annulus bands are described that are useful for modifying the alignment of papillary muscles, a mitral valve annulus and/or a tricuspid valve annulus. Methods to effect the alignment are also described and a unique sizing device that can be used for such alignment is described.

DOCTORAL THESIS (PHD) DIRECTED

1. Investigation Experimental Del Injerto de Valvulas Aorticas. Estudio Quirurgico Anatomopatologico e Immunologico de los Xenoinjertos (Experimental Research on Aortic Valve Heterotransplantation)
Presented by Dr. Francisco Javier Teijeira Alvarez, 27 May 1972
Calification: Sobresaliente "Cum Laude"
2. Estudio Sobre Los Efectos Pulmonares de la Congestion Pulmonar Vascular Cronica y su Correlacion con los Datos Hemodinamicos
Presented by Dr. Sixto Aguado Fernandez, 31 July 1978
Calification: Sobresaliente "Cum Laude"
3. Flexible Mitral Valve Annuloplasty
Presented by Dr. Jose Luis Pomar Moya-Prats, 16 October 1978
Calification: Sobresaliente "Cum Laude"
4. Heterotransplante de Pericardio Porcino tratado con Glutaraldehido (Xenotransplantation of Glutaraldehyde Treated Porcine Pericardium)
Presented by Dr. Jose Ignacio Gallo Mezo, 20 January 1979
Calification: Sobresaliente "Cum Laude"
5. Reconstruccion Fisiologica del Tracto de Salida del Ventriculo Derecho y Arteria Pulmonar (Experimental Physiological Reconstruction of the Right Ventricular Tract)
Presented by Dr. Manueal Revuelta Soba, 15 May 1981
Calification: Sobresaliente "Cum Laude"
6. Reconstruccion de la Via Biliar Principal con Dermis Porcina Estabilizada en Glutaraldehido (Reconstruction of the Bile duct with Porcine)
Presented by Dr. Miguel Morales Calderon, 29 September 1981
Calification: Sobresaliente "Cum Laude"
7. Desarrollo de un Sistema Versatil para la Prevencion y Tratamiento del Bajo Gasto Cardiaco Tras Circulacion Extracorporea (Experimental Development of a Versatile System for the Prevention and Treatment of Low Cardiac Output)
Presented by Dr. Manuel Gomez Fleitas, 21 October 1981
Calification: Sobresaliente "Cum Laude"
8. Xenoinjerto Dermico Porcino Tratado Con Glutaraldehido. Su Comportamiento como Material Bioprotesico en Cirugia Cardiovascular y Toracica (Xenotransplantation of Porcine Dermis as Bioprothetic Material in Cardiovascular Surgery in the Dog)
Presented by Dr. Rafael Martinez Sanz, 18 January 1982
Calification: Sobresaliente "Cum Laude"
9. Estudio del Autotrasplante del Tejido Insular Pancreatico Sin Aislamiento Especifico en El Sistema Portal y Extraportal en Perros Totalmente Pancreatectomizados (Experimental Autotransplantation of Pancreatic Fragments in the Portal and Extraportal Systems in Pancreatectomized Dogs)
Presented by Dr. Daniel Casanova Rituerto, 24 May 1982
Calification: Sobresaliente "Cum Laude"
10. Perfusion Coronaria Retrograda Con Sangre Hipotermica e Hiperkaliemica (Retrograde Coronary Perfusion with Hypothermic Blood)
Presented by Dr. Dario Duran Munoz, 27 June 1983
Calification: Sobresaliente "Cum Laude"

11. Trasplante Hepatocelular en Ratas Con Fallo Hepatico Agudo. Estudio Comparativo en Diferentes Localizaciones de Implantacion (Experimental Hepatocellular Transplantation in the Rat with Acute Hepatic Failure)
Presented by Dr. Miguel Morales Calderon, 18 November 1985
Calification: Sobresaliente "Cum Laude"
12. La Degeneracion Tisular Primaria en las Bioprotesis Valvulares Cardiaca. Estudio Experimental en la Oveja Joven (Primary Tissue Failure in Heart Valve Bioprosthesis Placed in the Growing Sheep)
Presented by Dr. J. Francisco Nistal, 26 May 1986
Calification: Sobresaliente "Cum Laude"
13. Estudio Experimental de la Calcificacion de Velos Valvulares de Bioprotesis Implantables Subcutaneamente en Ratas Adultas. Intervencion Farmacologica del Proceso (Calcification of Valve Cups in the Rat. Pharmacological Intervention in the Process)
Presented by Dr. Roberto Cayon Marco, July 1986
Calification: Sobresaliente "Cum Laude"
14. Modelo Experimental de Perfusion Retrograda del Seno Coronario (Experimental Model for Study of Coronary Retrograde Revascularization)
Presented by Dr. Abel Garcia Garcia, 3 July 1987
Calification: Sobresaliente "Cum Laude"
15. Activation of Connective Tissue Cells in Vital Pericardium, Relevance to the Behavior of Vital Autologous Pericardial Implants in Cardiovascular Surgeries
Presented by Dr. Douglas C. Marchion, 6 September 2001
16. The Host Inflammatory Response to a Xenograft Arterial Bypass in a Rabbit Model
Presented by Dr. Albert Grobe, 30 July 2004
17. Mechanisms of Functional Tricuspid Valve Regurgitation in Ischemic Cardiomyopathy
Presented by Dr. Thomas Joudinaud, 29 July 2005

RESEARCH GRANTS SECURED

1. 1954-55 and 1955-56: Research scholarship from the Spanish Medical Research Council. Hopital Broussais (Prof. d'Allaines), Paris. Study of Hypothermia in Cardiac Surgery.
2. 1961-63: Research scholarship from Fundacion "Juan March." Nuffield Department of Surgery, Oxford. Homologous Valve Transplantation.
3. 1961-63: Research grant from the British Medical Research Council. Homologous Aortic Valve Transplantation.
4. 1962-63 and 1964-66: Research scholarship from the British Heart Foundation. Transplantation of Heart Valves.
5. 1967: Travel scholarship from "Welcome Foundation" to present 2 papers and deliver 16 lectures in the U.S.A.
6. 1967: Research grants from: (1) Nuffield Foundation, (2) British Medical Research Council, and (3) British Heart Foundation Fellowship. Heterologous Transplantation of Aortic Valves.
7. 1977: Fundacion Botin, Spain. Visualization of Heart Valves.
8. 1977: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Air Embolism Control in CPB.
9. 1979: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Xenotransplantation of Porcine Dermis.
10. 1979: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Reconstruction of the Right Ventricular Outflow Tract.
11. 1979: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Myocardial Protection.
12. 1981: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Hormonal Response to CPB.
13. 1981: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Bioprosthetic Materials in Cardiovascular Surgery.
14. 1981: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Reabsorbable Materials in Cardiovascular Surgery.
15. 1981-85: Inter-ministerial Research Council, Spain. Total lymphoid irradiation in transplantation.
16. 1982: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Topical hypothermia as myocardial protection.
17. 1982: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Pulsatile long term preservation of myocardium.
18. 1982: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Hepatic regeneration in the rat.
19. 1982: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Hepatocellular transplantation.

20. 1982-86: Inter-ministerial Research Council, Spain. Bioprosthesis degeneration in the growing sheep.
21. 1986: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Multiple organ procurement and preservation.
22. 1986: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Prostaglandins in organ preservation.
23. 1987: Comision Administradora del Descuento Complementario (National Medical Research Council), Spain. Mitral valve homologous transplantation.
24. 1989: Ahmad Al Taffari Bros. Grant. Experimental Animal Studies in Cardiac Surgery.
25. 1990-93: King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia. An Epidemiological Study on Rheumatic Heart Valve Disease in Saudi Arabia and Strategies for its Diagnosis and Treatment.
26. 1993-96: Ministry of Finance, Riyadh, Saudi Arabia. Collaborative Project on Cardiovascular Research, National Heart and Lung Institute (London) and Department of Cardiovascular Diseases, King Faisal Specialist Hospital, Riyadh, Saudi Arabia.
27. 2003-07: Development of a Novel Tissue Valve for Percutaneous Replacement of Diseased Aortic, Pulmonary, and Vein Valves. Montana Department of Commerce Board of Research and Commercialization Technology.
28. 2005-07: Development of a Novel Tissue Valve for Replacement of Diseased Aortic and Pulmonary Valves. Tissue treatment process for surgical valve replacement. Montana Department of Commerce Board of Research and Commercialization Technology.
29. 2006-09: Development of a readily available, xenogeneic, sterile, freeze-dried vascular graft. United States Department of Defense/U.S. Army Medical Research and Materiel Command Combat Care Casualty Research Program.

ORGANIZATION OF SCIENTIFIC MEETINGS

1. 11 April 1970: Sociedad Vasco-Navarra de Cardiologia. Facultad de Medicina de la Universidad de Navarra, Pamplona, Spain
2. 2-3 April 1971: American College of Chest Physicians. Facultad de Medicina de la Universidad de Navarra, Pamplona, Spain
3. 7 July 1973: Societe de Chirurgie Thoracique et Cardiovasculaire de Langue Francaise (French Thoracic Society). Facultad de Medicina de la Universidad de Navarra, Pamplona, Spain
4. 16-27 August 1977: Director del Curso Universidad Internacional Menendez Pelayo. Fronteras Actuales de la Cirugia Cardiaca, Santander, Spain
5. 12-14 May 1975: VIII Journees Internationales pour le Perfectionement Hospitalaire (Association Internationale pour la Recherche en Hygiene Hospitalaire). Hospital Nacional Valdecilla, Santander, Spain
6. 1977-1978: Director del Curso Monografico del Doctorado: Cirugia de la Insuficiencia Coronaria Aguda. Santander, Spain
7. 6-8 June 1978: IV Congreso Nacional, Asociacion Espanola de Cirugia Cardiovascular (Spanish Cardiovascular Society). Santander, Spain
8. 26-27 October 1978: Symposium on the Management of the Cardiac Surgical Patient. Hospital Nacional Valdecilla, Santander, Spain
9. 1978-1979: Director del Curso Monografico del Doctorado: Estado Actual de la Cirugia de las Valvulopatias. Santander, Spain
10. 1978-1979: Director del Curso Monografico del Doctorado: La infeccion en Cirugia. Santander, Spain
11. 1979-1980: Director del Curso Monografico del Doctorado: Cirugia del Fallo Ventricular Izquierdo. Santander, Spain
12. 1980-1981: Director del Curso Monografico del Doctorado: Enfermedad Tricuspeida. Santander, Spain
13. 1980-1981: Director del Curso Monografico del Doctorado: Estado actual del Trasplante de Organos. Santander, Spain
14. 1981-1982: Director del Curso Monografico del Doctorado: Cirugia de los Organos Endocrinos. Santander, Spain
15. 1986-1987: Director del Curso Monografico del Doctorado: Nutricion Quirurgica. Santander, Spain
16. 21-24 October 1982: International Symposium on the Mitral Valve. Hotel Coronado, La Jolla, California, USA
17. 3-5 September 1981: 2nd Annual Mitral Valve Workshop on Reconstructive Techniques. Scripps Clinic and Research Foundation and Hospital Nacional Valdecilla, Santander, Spain
18. 3-4 October 1983: People to People Ambassador Program Meeting. Hospital Nacional Valdecilla, Santander, Spain

19. 28-29 October 1983: International Symposium on the National Planning of Cardiovascular Surgery for the Next Decade. Madrid, Spain
20. February 1985: 3rd Annual Mitral Valve Workshop on Reconstructive Techniques. Armed Forces Hospital, Riyadh, Saudi Arabia
21. 15-16 September 1986: IV Congreso Nacional de la Sociedad Espanola de Investigaciones Quirurgicas (Spanish Society for Surgical Research). Santander, Spain
22. November 1987: 4th Annual Mitral Valve Workshop on Reconstructive Techniques. Scripps Clinic and Research Foundation, La Jolla, California, USA
23. 12-24 October 1988: International Symposium on the Aortic Valve. Hotel Coronado, San Diego, California, USA. Co-Chairman.
24. 9-12 November 1988: 5th Annual Mitral Valve Workshop on Reconstructive Techniques. La Jolla, California, USA. Program Director.
25. 12-16 June 1989: President, International Symposium on Heart Valve Surgery. Queen Elizabeth Congress Hall, London, UK
26. 24-26 September 1989: Workshop on Reconstructive Techniques in Mitral Valves. Department of Cardiothoracic Surgery, Academic Hospital, Leiden, The Netherlands. Program Director.
27. 28-29 September 1989: Mitral Valve Workshop. Department of Cardiothoracic Surgery, Medical Center "De Klokkenberg", Breda, The Netherlands. Program Director.
28. 10 January 1990: Workshop on Echo/ Doppler Cardiography. King Faisal Specialist Hospital, Riyadh, Saudi Arabia
29. 13 January 1990: Workshop on Perfusion Technology. King Faisal Specialist Hospital, Riyadh, Saudi Arabia
30. 17-18 January 1990: Workshop on New Trends in Aortic Valve Surgery. King Faisal Specialist Hospital, Riyadh, Saudi Arabia. Program Director.
31. 19-21 February 1990: Mitral Valve Workshop. Department of Cardiothoracic Surgery, Bod-Nauheim, West Germany
32. 17-20 June 1990: Mitral Valve Workshop: 6th Annual Mitral Valve Workshop on Reconstructive Techniques. La Jolla, California, USA. Program Director.
33. 24-29 April 1991: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
34. 22 December 1991: Symposium on Clinical Applications of Muscle Transformation. King Faisal Specialist Hospital, Riyadh, Saudi Arabia
35. 8 January 1992: Workshop on Echo/ Doppler Cardiography. King Faisal Specialist Hospital, Riyadh, Saudi Arabia
36. 12 January 1992: Workshop on Molecular Biology in Cardiology. King Faisal Specialist Hospital, Riyadh, Saudi Arabia
37. 9-11 April 1992: Mitral Valve Workshop. St. Joseph's Heart Institute, Tampa, Florida, USA

38. 7-9 July 1992: Mitral Valve Workshop. Kovai Hospital, Coimbatore, India
39. 3-6 September 1992: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
40. 28 September 1992: Symposium on Pulmonary Atresia. King Faisal Specialist Hospital, Riyadh, Saudi Arabia
41. 5-6 December 1992: International Symposium on Acute Ischemic Syndromes. King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia
42. 18-20 February 1993: Heart Valve Workshop. Hospital "Juan Canalejo," La Coruna, Spain
43. 3-6 September 1993: Aortic Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
44. 19-20 November 1993: Aortic Valve Workshop. Kovai Hospital, Coimbatore, India
45. 4-5 December 1993: International Symposium on Rheumatic Heart Disease. King Faisal Specialist Hospital & Research Center, Riyadh, Saudi Arabia
46. 18-21 June 1995: Rocky V '95, The Rocky Mountain Valve Symposium. The International Heart Institute of Montana, Missoula, Montana, USA
47. 16-17 August 1996: Montana Cardiovascular Scientific Encounter. The International Heart Institute of Montana, Salmon Lake, Montana, USA
48. 17-21 August 1996: Echo Montana '96. The International Heart Institute of Montana, Missoula, Montana, USA
49. 18-21 August 1996: Rocky VI '96, Rocky Mountain Valve Symposium. The International Heart Institute of Montana, Missoula, Montana, USA
50. 20-21 September 1996: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
51. 8-9 November 1996: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
52. 9-11 March 1997: Nouvelle Chirurgie Mitrale. Co-chair with Prof. Christophe Acar. Hopital Bichat, Paris, France
53. 21-22 March 1997: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
54. 11-12 April 1997: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
55. 12-13 August 1997: II Salmon Lake Scientific Encounter. The International Heart Institute of Montana, Salmon Lake, Montana, USA
56. 13-16 August 1997: Echo Montana '97. The International Heart Institute of Montana, Missoula, Montana, USA
57. 13-16 August 1997: Rocky VII '97, The Rocky Mountain Valve Symposium. The International Heart Institute of Montana, Missoula, Montana, USA

58. 19-20 September 1997: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
59. 27 September 1997: Sulzer CarboMedics VI International Clinical Symposium. Copenhagen, Denmark
59. 24-25 October 1997: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
60. 9-11 March 1997: Mitral Valve Workshop. Hopital Bichat, Paris, France
61. 17-18 April 1998: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
62. 29-30 May 1998: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
63. 26-27 June 1998: III Salmon Lake Scientific Encounter, The International Heart Institute of Montana, Salmon Lake, Montana, USA
64. 10-12 August 1998: Echo Montana '98, The International Heart Institute of Montana, Missoula, Montana, USA
65. 12-14 August 1998: Rocky VIII '98, The Rocky Mountain Valve Symposium. The International Heart Institute of Montana, Missoula, Montana, USA
66. 9-10 October 1998: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
67. 31 November – 2 December 1998: Nouvelle Chirurgie Mitrale Live Teleconference. Co-chair with Prof. Christophe Acar. Hopital Bichat, Paris, France
68. 7 February 1999: Surgical Wet Laboratory. Annual Comprehensive Review of Intraoperative Echo. Sponsored by The American Society of Echocardiography and The Society of Cardiovascular Anesthesiologists. Sheraton Harbor Island, San Diego, California, USA.
69. 24-27 February 1999: Minimally Invasive Cardiac Surgery Live Teleconference, Sponsored by The International Heart Institute of Montana and Servicio Cirugia Cardiovascula. Hospital Canalejo, La Coruna, Spain
70. 9-10 April 1999: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
71. 14-15 May 1999: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
72. 10-11 July 1999: Rocky Mountain Heart Failure Symposium. The International Heart Institute of Montana, Missoula, Montana, USA
73. 12-13 July 1999: IV Salmon Lake Scientific Encounter. The International Heart Institute of Montana, Missoula, Montana, USA
74. 8-10 August 1999: IX Echo Montana '99. The International Heart Institute of Montana, Missoula, Montana, USA

75. 10-13 August 1999: IX Rocky Mountain Valve Symposium '99. The International Heart Institute of Montana, Missoula, Montana, USA
76. 17-18 September 1999: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
77. 8-9 October 1999: Mitral Valve Workshop. The International Heart Institute of Montana, Missoula, Montana, USA
78. 30 November - 2 December 1999: Nouvelle Chirurgie Mitrale – The Valve Repair Workshop. Co-chair with Prof. Christophe Acar. Hopital Bichat, Paris, France
79. 13 February 2000: Surgical Wet Laboratory. Annual Comprehensive Review of Intraoperative Echo. Sponsored by The American Society of Echocardiography and The Society of Cardiovascular Anesthesiologists. Sheraton Harbor Island, San Diego, California, USA
80. 15-17 February, 2000: “Clinical Decision Making in the Cardiac Surgery Patient” Society of Cardiovascular Anesthesiology, San Diego, California, USA
81. 10-12 April 2000: Surgical Options in the Treatment of Valve Disease: Live Demonstrations and Intraoperative TEE. American College of Cardiology Heart House, Bethesda, Maryland, USA
82. 6-8 August 2000: X Echo Montana 2000. The International Heart Institute of Montana, Missoula, Montana, USA
83. 8-11 August 2000: X Rocky Mountain Valve Symposium 2000. The International Heart Institute of Montana, Missoula, Montana, USA
84. 13-17 September, 2000: Mulu Rafflesia Heart Valve Symposium Advisor and Faculty Member. Normah Medical Specialist Centre, Kuching, Sarawak
85. 17-18 September 2000: V Salmon Lake Scientific Encounter. The International Heart Institute of Montana, Missoula, Montana, USA
86. 22-23 September 2000: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
87. 4-7 December, 2000: Nouvelle Chirurgie Mitrale – The Valve Repair Workshop. Co-chair with Prof. Christophe Acar. Hopital Bichat, Paris, France
88. 11 February 2001: Surgical Wet Laboratory. Annual Comprehensive Review of Intraoperative Echo. Sponsored by The American Society of Echocardiography and The Society of Cardiovascular Anesthesiologists. Sheraton Harbor Island, San Diego, California, USA
89. 30 April – 2 May, 2001: “Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease” American College of Cardiology Heart House, Bethesda, Maryland, USA
90. 8-9 June 2001: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
91. 12-14 August 2001: Echo Montana 2001. The International Heart Institute of Montana, Missoula, Montana, USA
92. 14-17 August 2001: The Rocky Mountain Valve Symposium XI. The International Heart Institute of Montana, Missoula, Montana, USA
93. 7-8 September 2001: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA

94. 16-17 November 2001: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
95. 3-5 December, 2001: Nouvelle Chirurgie Mitrale – The Valve Repair Workshop. Co-chair with Prof. Christophe Acar, Hopital Bichat, Paris, France
96. 11-13 April, 2002: Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA (Co-directed by Pravin M. Shah and James H. Oury)
97. 26-30 June 2002: 2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia. Advisor to Prof. Saw Huat Song at Glenagles Medical Centre, Singapore
98. 12-13 August 2002: Echo Montana 2002: Echocardiography in Adult Valvular Disease; Surgical Correlations, The International Heart Institute of Montana, Missoula, MT, USA
99. 14-16 August 2002: Rocky Mountain Valve Symposium XII, The International Heart Institute of Montana, Missoula, MT, USA
100. 13-14 September 2002: Medtronic Mitral Valve Workshop, St. Patrick Hospital, Missoula, MT, USA
101. 8-9 November 2002: Medtronic Mitral Valve Workshop, St. Patrick Hospital, Missoula, MT, USA
102. 12 February 2003: Cardiac Anatomy Wet Lab. 6th Annual Comprehensive Review & Update of Perioperative Echocardiography. Clinical Decision-making in the Cardiac Surgery Patient. Society of Cardiovascular Anesthesiologists, San Diego, CA, USA.
103. 11-12 August 2003: Echo Montana, The International Heart Institute of Montana, Missoula, MT, USA
104. 13-15 August 2003: 13th Annual Rocky Mountain Valve Symposium, The International Heart Institute of Montana, Missoula, MT, USA
105. 6-7 September 2003: The Bakken Scientific Encounter, The Center at Salmon Lake, Salmon Lake, MT, USA
106. 12 September 2003: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
107. 17-18 October 2003: Cardiovascular Conference 2003; Emergent, Urgent, and Continuum of Care, Kalispell Regional Medical Center, Kalispell, MT, USA
108. 13 November 2003: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
109. 11 February 2004: Cardiac Anatomy Wet Lab and TEE Correlations of Cardiac Anatomy. 7th Annual Comprehensive Review & Update of Perioperative Echocardiography – Clinical Decision Making in the Cardiac Surgery Patient. San Diego, CA, USA
110. 1 April 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
111. 21-22 May 2004: The Heart of Primary Care 2004: Issues in Cardiology. St. Peter's Hospital, Helena, MT, USA

112. 25-26 June 2004: Bakken Scientific Encounter. St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
113. 21-23 July 2004: Rocky XIV - 14th Annual Rocky Mountain Valve Symposium, The International Heart Institute of Montana, Missoula, MT, USA
114. 12 August 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
115. 21 October 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
116. 6 November 2004: The Heart of Primary Care 2004: Issues in Cardiology. St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
117. 11 November 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
118. 16 February 2005: Cardiac Anatomy Wet Lab and TEE Correlations of Cardiac Anatomy. Annual Comprehensive Review & Update of Perioperative Echocardiography – Clinical Decision Making in the Cardiac Surgery Patient. San Diego, CA, USA
119. 31 March 2005: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
120. 28-29 April 2005: 2nd Annual Symposium on New Interventions in Transcatheter Valve Techniques, Chicago, IL, USA (Co-Director)
121. 5 May 2005: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
122. 15 June 2005: You Really Are the Surgeon Wet Lab Dissection. American Society of Echocardiography 16th Annual Scientific Sessions, Boston, MA, USA
123. 13-15 July 2005: XV Rocky Mountain Valve Symposium, The International Heart Institute of Montana, Missoula, MT, USA
124. 15 September 2005: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
125. 14 October 2005: The Heart of Primary Care, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
126. 4 November 2005: Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA
127. 8-9 December 2005: Advanced Mitral Repair Symposium, Cliniques Universitaires Saint-Luc, Bruxelles, Belgium
128. 7 April 2006: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA

SURGICAL DEMONSTRATIONS/LIVE TELECONFERENCING

1. May 1982: Toronto General Hospital, Canada
2. January 1983: Institut de Cardiologie Montreal, Canada
3. June 1983: Mitral Valve Construction Workshop Live Teleconference, Scripps Clinic and Research Foundation, San Diego, California, USA
4. December 1984: Chest Diseases Hospital, Kuwait
5. September 1985: Loma Linda University Hospital, Loma Linda, California, USA
6. February 1985: Armed Forces Hospital, Riyadh, Saudi Arabia
7. November 1987: White Memorial Center, Los Angeles, California, USA
8. November 1987: Mitral Valve Reconstruction Workshop, Live Teleconference, Scripps Clinic and Research Foundation, La Jolla, San Diego, California, USA
9. April 1988: University Hospital, University of the West Indies, Kingston, Jamaica
10. February 1990: University of Bad-Nauheim, Germany
11. March 1990: Mitral Valve Reconstruction, Live Teleconference, St. Joseph's Heart Institute, Tampa, Florida, USA
12. March 1990: St. Patrick Hospital, Missoula, Montana, USA
13. June 1990: Scripps Clinic and Research Foundation, La Jolla, California, USA
14. April 1991: Rocky Mountain Mitral Valve Workshop, Live Teleconference, Missoula, Montana, USA
15. April 1992: II Workshop on Mitral Reconstruction, Live Teleconference, Florida, USA
16. September 1992: Frontiers in Valvular Heart Disease, Live Teleconference, St. Patrick Hospital, Missoula, Montana, USA
17. October 1992: International Workshop on Mitral Valve Disease, Live Teleconference, Kovai Medical Center, Coimbatore, India
18. February 1993: Minimally Invasive Cardiac Surgery Symposium, La Coruna, Spain
19. May 1993: Annual Course on Cardiac Surgery, National Heart & Lung Institute, The Royal Brompton Hospital, London, England
20. September 1993: Rocky Mountain Valve Symposium, Live Teleconference, St. Patrick Hospital, Missoula, Montana, USA
21. May 1994: Mitral Valve Repair, Live Teleconference, Tours, France
22. July 1994: VI International Symposium Cardiac Bioprotheses, Operative Teleconference, Vancouver Hospital, Canada (A Carpentier, M Yacoub, T Davi, C Duran)
23. February 1995: Seminar on Valvular Heart Surgery, Operative Teleconference, Escorts Heart Institute & Research Centre, New Delhi, India
24. April 6, 1995: Cardiac Valve Surgery in the Elderly, Live Teleconference held at St. Joseph Hospital, Tampa, Florida, USA
25. November 1995: Aortic Valve Replacement with free hand autologous pericardium, Echocardiography-Doppler en Pathologie Cardiovasculaire Aigue et Chirurgie Cardiaque, Tours, France
26. June 1995: The Rocky Mountain Valve Symposium, Live Teleconference, St. Patrick Hospital, Missoula, Montana, USA

27. January 1996: Mitral repair (3), aortic valve replacement with autologous pericardium (3), aortic valve repair (1) National University Hospital Cardiac Department (Dr. Eugene Sim), Singapore
28. July 1996: Aortic Valve replacement with autologous pericardium (1), Mitral valve repair (1), Shanghai Hospital Cardiac Center (Dr. Bao Ren Zhang) Beijing, China
29. August 1996: Mitral repair (2), The Rocky Mountain Valve Symposium, Live Teleconference, St. Patrick Hospital, Missoula, Montana, USA
30. November 1996: Mixed Rheumatic Mitral Disease Repair (1), Hoag Hospital Cardiac Center, Newport Beach, California, USA
31. January 23, 1997: Myxomatous MR, PLMP Repair (1), St. Teresa Hospital, Belo Horizonte, Brazil
32. August 1997: Aortic Valve Repair, Mitral Valve Repair, The Rocky Mountain Valve Symposium, St. Patrick Hospital, Missoula, Montana, USA
33. October 30, 1997: ASD with severe MR & TR (1), Hospital Almenara, Lima, Peru
34. October 29, 1997: Triple valve repair, Infected Aortic St. Jude with paravalvular leak, abscess & fistula to RA, Hospital Rebagliati, Lima, Peru
35. 12-14 August 1998: Mitral Valve Repair, The Rocky Mountain Valve Symposium, St. Patrick Hospital, Missoula, Montana, USA
36. 10-13 August 1999: Mitral Valve Repair (AMLPL), The Rocky Mountain Valve Symposium, St. Patrick Hospital, Missoula, Montana, USA
37. 8-11 August 2000: Mitral Valve Repair, The Rocky Mountain Valve Symposium, St. Patrick Hospital, Missoula, Montana, USA
38. 5 September, 2000: Aortic Valve Reconstruction, Bangkok, Thailand
39. 7 September, 2000: Aortic Valve Reconstruction with Autologous Pericardium (Dr. Weerachai) Chaing Mai University Hospital, Chiang Mai, Thailand
40. 8 September, 2000: Aortic Valve Reconstruction with Autologous Pericardium, Chaing Mai University Hospital, Chiang Mai, Thailand
41. 12 September, 2000: Aortic Valve Reconstruction with Autologous Pericardium (Dr. Tamisi), National Heart Center, Jakarta, Indonesia
42. 12 September, 2000: Mitral Valve Repair, Mulu Rafflesia Heart Valve Symposium (Dr. Saw) Kuching, Sarawak, Malaysia
43. 14 September, 2000: Mitral Valve Repair, Kuching Specialist Hospital, Kuching, Sarawak, Malaysia
44. 25 May, 2001: Mitral Valve Repair, Rapid City Regional Hospital, Rapid City, South Dakota, USA
45. 14-17 August, 2001: Mitral Valve Repair, The Rocky Mountain Valve Symposium, St. Patrick Hospital, Missoula, Montana, USA
46. 7-8 September 2001: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
47. 16-17 November 2001: Mitral Valve Workshop. St. Patrick Hospital, Missoula, Montana, USA
48. 11-13 April, 2002: Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA (Co-directed by Pravin M. Shah and James H. Oury)
49. 26-30 June 2002: 2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia. Advisor to Prof. Saw Huat Song at Glenagles Medical Centre, Singapore

50. 14-16 August 2002: Rocky Mountain Valve Symposium XII, The International Heart Institute of Montana, Missoula, MT, USA
51. 13-14 September 2002: Medtronic Mitral Valve Workshop, St. Patrick Hospital, Missoula, MT, USA
52. 8-9 November 2002: Medtronic Mitral Valve Workshop, St. Patrick Hospital, Missoula, MT, USA
53. 11-12 August 2003: Echo Montana, The International Heart Institute of Montana, Missoula, MT, USA
54. 13-15 August 2003: 13th Annual Rocky Mountain Valve Symposium, The International Heart Institute of Montana, Missoula, MT, USA
55. 12 September 2003: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
56. 13 November 2003: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
57. 1 April 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
58. 21-23 July 2004: Rocky XIV - 14th Annual Rocky Mountain Valve Symposium, The International Heart Institute of Montana, Missoula, MT, USA
59. 12 August 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
60. 21 October 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
61. 11 November 2004: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
62. 31 March 2005: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
63. 5 May 2005: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
64. 13-15 July 2005: XV Rocky Mountain Valve Symposium, The International Heart Institute of Montana, Missoula, MT, USA
65. 15 September 2005: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA
66. 7 April 2006: Medtronic Mitral Valve Workshop, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA

VISITING PROFESSOR AND INVITED LECTURER

1. "Los Trasplantes de la Valvula Aortica"
Universidad de Navarra, Pamplona, Spain, 10 January 1964
2. "La Transplantation Homologue de Valvule Aortique"
Staff Meeting, Hopital Broussais, Paris, France, 21 January 1964
3. "Homologous Aortic Valves"
Gottenburgh Medical Students, Oxford University, England, 10 December 1964
4. "Replacement of Cardiac Valves"
Postgraduate Surgical Meeting, Oxford, England, 5 May 1966
5. "Heterologous Aortic Valve Transplantation"
International Congress of Angiology, Madrid, Spain, September 1966
6. "The Challenge of Aortic Valve Surgery"
McGill Medical and Surgical Society, Montreal, Canada, 6-7 February 1967
7. "The Technique of Heterologous Aortic Valve Implantation"
Henry Ford Thoracic Clinical Conference, Detroit, Michigan, USA, 16 February 1967
8. "Experimental Aortic Valve Transplantation"
Henry Ford Hospital Research Conference, Detroit, Michigan, USA, 16 February 1967
9. "Aortic Valve Surgery"
Children's Hospital, Columbus, Ohio, USA, 2 March 1967
10. "Heterologous Aortic Valve Transplantation"
University Hospital, Columbus, Ohio, USA, 2 March 1967
11. "Heterologous Aortic Valve Transplantation"
Journal Club, Clinical Thoracic Conference, Minneapolis, Minnesota, USA, 11 March 1967
12. "Pulmonary Valve Replacement"
Journal Club, Minneapolis, Minnesota, USA, 12 March 1967
13. "Current Approach to Valvular Replacement, it's Problems"
The George Washington Hospital Cardiac Conference, Washington, DC, USA, 4 April 1967
14. "Homologous and Heterologous Aortic Valve Replacement"
The George Washington Hospital Cardiac Conference, Washington, DC, USA, 4 April 1967
15. "Problems of Cardiac Valve Replacement"
University Grand Rounds Conference, Burlington, Vermont, USA, 10 April 1967
16. "Heterologous Aortic Valve Transplantation"
University Cardiac Conference, Burlington, Vermont, USA, 11 April 1967
17. "Homologous and Heterologous Aortic Valve Replacement"
Presbyterian Medical Center, New York, USA, 17 April 1967
18. "Homologous and Heterologous Aortic Valve Replacement"
Asociation Medica de Zaragoza, Spain, 3 May 1968

19. "Avances en Cirurgia Cardiaca"
Asociacion Medica de Zaragoza, Spain, 3 May 1968
20. "Cirugia de las Cardiopatias Adquiridas"
Academia Medico-Quirurgica, San Sebastian, Spain, 18 May 1968
21. "Protesis e Injertos de las Valvulas Mitral y Aortica"
Internacional Symposium, Clinica Puerta de Hierro, Madrid, Spain, 14 February 1969
22. "Progresos en Patologia Infecciosa"
Ateneo de Madrid, Ciclo: La Medicina en 1970
23. "La Cirurgia de las Valvulopatias Adquiridas sus Indicaciones y Resultados"
Residencia de la Seguridad Social Virgen de Aranzazu, San Sebastian, Spain, 13 June 1970
24. "La Cirugia de las Cardiopatias Congenitas Quirurgicas"
Residencia de la Seguridad Social Virgen de Aranzazu, San Sebastian, Spain, 13 June 1970
25. "Analisis Cualitativo de las Funciones Hospitalarias. Analisis de las Funciones Docentes"
1st National Hospital Meeting on: Cuidados Hospitalarios, Criterios de Funcion y Calidad,
Malaga, Spain, 23-25 November 1972
26. "Evolucion de Nuestros Criterios Quirurgicos: Anuloplastias y Xenoinjertos"
II Symposium Internacional on protesis e injertos de las Valvulas Cardiacas, Clinica Puerta de
Hierro, Madrid, Spain, 29-30 March 1973
27. "Tratamiento Quirurgico en la Enfermedad Coronaria"
Curso de Avances en Cardiologia, Ilustre Colegio Oficial de Medicos de Navarra, Pamplona,
Spain, 28 June 1973
28. "Experimental Researches and Clinical Application of Cardiac Heterologous Valves"
International Symposium on Heart Substitution, Fiuggi Terme, Roma, Italy, 14-15 July 1973
29. "Conservative Valvular Surgery. Annuloplasties"
University of California, San Francisco, California, USA, Invited by Prof. Benson Roe, 8 February
1974
30. "Experience with Heterografts"
Annual Course on Cardiac Surgery, Institute of Child Health, British Council, London, England,
3 April 1974
31. "Asepsie et Protheses Vasculaires"
VII Jornees Internacionales de Perfeccionement en Hygiene Hospitalaire, Invited by Prof. M.
Maisonnet, Paris, France, 6 May 1974
32. "Consideraciones sobre los Aneurismas Disecantes de Aorta"
Course on: Medicina Intensiva, Universidad Internacional Menendez Pelayo, Santander, Spain,
21 May 1975
33. "Construction et Amenagement des Locaux de Transplantation: Contingences Cliniques"
VII Journees Internacionales de Perfeccionement en Higiene Hospitalaire, Residencia Sanitaria,
Cantabria, Santander, Spain, 12-14 May 1975
34. "The Mitral Valve"
Conference: "Les Annuloplasties Mitrales," International Symposium, Invited by Dr. Kalmanson,
Rotschild Foundation, Paris, France, 28 May 1975

35. "Cirugia Coronaria"
University Refresher Course, Facultad de Medicina, Santander, Spain, 3 April 1976
36. "Cirugia Coronaria"
Invited by Prof. J. Flege, Conference in Cincinnati, Ohio, USA, 22 April 1976
37. "Cardiac Valvular Reconstruction"
Invited by Dr. James Oury, Conference at The University of California, San Diego, California, USA, 26 April 1976
38. "Atrioventricular Valve Reconstruction"
Invited by Dr. A. Miller, Conference at Northwestern University, Chicago, Illinois, USA, 29 April 1976
39. "Clinical Results and Problems with Xenografts"
Invited by Warren Hancock, Conference at Hancock Laboratories, Anaheim, California, USA, 3 February 1977
40. "Conservative Surgery of the Atrioventricular Valves"
Pennsylvania University, Philadelphia, Pennsylvania, USA, 12 February 1977
41. "Les Greffes Valvulaires, leurs Problemes et Evolution"
Invited by Prof. Welti, Journees Internationales de Chirurgie Thoracique, Nice, France, 17 June 1977
42. "Choix d'une Prothese Valvulaire en 1977"
Journees Internacionales de Chirurgie Thoracique, Nice, France, 17 June 1977
43. "Problemas Clinico-Quirurgicos de la Cardiologia Actual"
Introductory lecture: "Fronteras Actuales de la Cirugia Cardiaca"
Curso de Medicina: Universidad Intercional Menendez Pelayo, Santander, Spain, 16 August 1977
44. "Tratamiento Quirurgico de la Tetralogia de Fallot"
Curso sobre Morfogenesis normal del tronco del cono y malformaciones troncoconales, Santander, Spain, 26-30 September 1977
45. "Tratamiento Quirurgico. Transposicion de las Grandes Arterias"
Curso sobre Morfogenesis normal del tronco del cono y malformaciones troncoconales, Santander, Spain, 26-30 September 1977
46. "Normalizacion de la Asepsia Quirurgica"
II Jornada de Higiene y Medicina Preventiva, Santiago de Compostela, Spain, 30 September 1977
47. "Tricuspid Surgery. Indications, Results and Some Fallecies"
Conference at Sharpe Hospital, San Diego, California, USA, 10 March 1978
48. "Cambios en el Llenado Ventricular Izquierdo Tras Pontaje Aorto-Coronario"
II Jornada sobre tratamiento quirurgico de la cardiopatia isquemica, 5 May 1978
49. "Tratamiento Quirurgico Del Angor Estable"
Curso Monografico Internacional sobre Coronariopatas, Ciudad Sanitaria Principes de Espana, Spain, 15-17 June 1978

50. "Tecnicas Quirurgicas del Trasplante Renal"
Curso sobre Trasplante Renal: Universidad Internacional Menedez Pelayo, Santander, Spain, 22 August 1978
51. "Fronteras Actuales de la Cirugia Cardiaca"
Academia de Internos, Facultad de Medicina, Universidad de Valladolid, Spain, 1 December 1978
52. "Resultados Tardios de la Cirugia Cardiovascular"
VI Jornadas Internacionales de Actualizacion Cardiovascular, Madrid, Spain, 4-6 December 1978
53. "Cirugia Conservadora de la Insuficiencia Mitral Anuloplastia con Anillo Flexible"
VI Jornadas Internacionales de Actualizacion Cardiovascular, Madrid, Spain, 4-6 December 1978
54. "Anillos Flexibles en la Coreccion de la Insuficiencia Tricuspidе"
Curso de Cirugia Cardiaca, Fundacion Jimenez Diaz, Madrid, Spain, 8-10 December 1978
55. "Papel de la Cirugia en el Tratamiento de la Cardiopatía Reumatica"
Academia Medico Quirurgica de Lugo, Spain, 16 March 1979
56. "Estado Actual de la Cirugia Valvular"
Academia Medico Quirurgica de Lugo, Spain, 16 March 1979
57. "The Use of Pericardial Patches for Closure of Intracardial Defects"
Shiley European Cardiovascular Conference, Chamonix, Switzerland, 29-31 March 1979
58. "Hemodynamic Comparison of Hancock and Ionescu Valves"
Shiley European Cardiovascular Conference, Chamonix, Switzerland, 29-31 March 1979
59. "Hemodynamics after Implantation of Xenograft Valves"
Symposium on Bioprosthetic Cardiac Valves, Munich, Germany, 5-7 April 1979
60. "Plastias Mitrales Versus Protesis"
Sociedad Castellana de Cardiologia, Madrid, Spain, 20-21 April 1979
61. "Cirugia de la Insuficiencia Coronaria"
Academia Medico Quirurgica de Pontevedra, Spain, 17 May 1979
62. "Cirugia del Angor Estable"
Course on: The Role of Surgery in the Treatment of cardiovascular Diseases, Hospital Santa Cruz y San Pablo, Barcelona, Spain, 24-26 May 1979
63. "Sustituciones Valvulares Con Protesis Biologicas"
Curso sobre: Papel de la Cirugia en el Tratamiento de las Enfermedades Cardiovasculares, Hospital Santa Cruz y San Pablo, Barcelona, Spain, 24-26 May 1979
64. "Cirugia Del Trasplante Renal"
V Dia Nefrologico, Academia Medico Quirurgica Asturiana, Spain, 21 March 1980
65. "L'Infection En Chirurgie Cardiovasculaire"
XI emes Jornees Internationales de Perfectionnement en Hygiene Hospitalaire, Paris, France, 24-26 September 1980
66. "Indication Chirurgicales Des Maladies Tricuspidiennes Rheumatismales"

- Ile Actualites de Chirurgie Cardiovasculaire de l'Hopital Broussais, Paris, France, 1-3 October 1980
67. "Evolucion De Las Bioprotesis Valvulares"
Curso de Cirugia Cardiaca, Real Academia de Medicina del Distrito Universitario de Valencia, Spain, October 1981
 68. "Cirugia Conservadora De Las Valvulas Atrioventriculares"
Conference at: Hospital Municipal de San Juan, Puerto Rico, 4 December 1981
 69. "Mitral and Tricuspid Valve Repair: Techniques and Results"
Valvular Symposium, San Juan, Puerto Rico, 6 December 1981
 70. "Conservative Surgery of the Mitral and Tricuspid Valves"
Conference at: Houston Methodist Hospital, Houston, Texas, USA, 10 December 1981
 71. "Surgical Techniques in Mitral Annuloplasty"
Houston, Texas, USA, 11 December 1981
 72. "Reconstructive Surgery of the AV Valves"
Invited by Prof. R. Baird. Toronto General Hospital, Toronto, Canada, 6-7 May 1982
 73. "Exploracion y Tratamiento Quirurgico de la Arterioesclerosis"
Ateneo Medico Leones, Spain, 4 June 1982
 74. "Reconstructive Surgery in Predominant Mitral Stenosis"
International Symposium on the Mitral Valve, San Diego, California, USA, 23 October 1982
 75. "Surgery of the Mitral Valve. Reconstruction and Replacement"
Invited by Dr. Claude Grondin, Institut de Cardiologie de Montreal, Montreal, Quebec, Canada, 13 January 1983
 76. "Mitral Reconstructive Surgery"
Invited by Prof. L. Cohn, Harvard University, Brigham and Women's Hospital, Boston, Massachusetts, USA, 19 January 1983
 77. "The Indications and Results of Tricuspid Surgery"
British Heart Foundation Lecture, Guy's Hospital, London, England, June 1983
 78. "Closed Symposium on Cardiac Surgery"
British Heart Foundation, London, England, June 1983
 79. "Mitral Valve Reconstruction"
Six surgeries televised live, Scripps Clinic and Research Foundation, San Diego, California, USA, November 1983
 80. "Mechanical Versus Biological Valve Replacement"
American Heart Association Meeting, Anaheim, California, USA, November 1983
 81. "Valoracion Actual de las Bioprotesis"
I Curso Nacional Cardio-Quirurgico, Universidad Complutense, Madrid, Spain, 17 February 1984
 82. "Indications for Mitral Ring Annuloplasty"
International Cardiac Symposium, Jeddah, Saudi Arabia, 19-22 March 1984
 83. "Should Xenografts Be Preferred in the Treatment of Valvular Heart Disease"

- International Symposium: Update in Heart Valve Replacement, Dusseldorf, Germany, 11 July 1984
84. "Reparation a Coeur Ouvert des Valvulopathies Mitrales a Stenose Predominante"
Symposium sur Chirurgie du coeur gauche, Hopital Broussais, Paris, France, 24-26 September 1984
 85. "Valve Reconstruction Procedures"
International Heart Valve Replacement Symposium, Bermuda, 4 October 1984
 86. "Cirugia Conservadora de la Valvula Mitral"
International Symposium on Advances in Cardiovascular Therapy, Barcelona, Spain, 10-12 October 1984
 87. "Reconstruction in Mitral Valve Disease: and Long Term Results"
American Heart Association, Main Arena, Miami Beach, Florida, USA, 12-15 November 1984
 88. "Valve Repair: Is It Effective?"
International Symposium on Heart Disease in Neonates and Children, Riyadh, Saudi Arabia, 27-28 November 1984
 89. "Se Puede Prevenir El Infarto?"
Real Club de Regatas, Santander, Spain, 30 November 1984
 90. "Cirugia de la Valvula Tricuspid"
VI Reunion Cientifica Astur Galaica de Cardiologia, Oviedo, Spain, January, 1985
 91. "Long Term Follow Up Following Mitral Valve Repair in Adults (Stenotic Incompetent Mitral Valve)"
Philippine Heart Center, Manila, Philippines, February, 1985
 92. "Surgical Management of Acquired Tricuspid Valve Disease: Reconstruction vs Valve Replacement"
Philippines Heart Center, Manila, Philippines, February 1985
 93. "Reconstruction in Mitral Valve Disease and Long Term Results"
National Cardiovascular Center, Invited by Profs. Hisao Manabe (President), Tsuyoshi Fujita (Dept. Cardiovasc. Surg), Osaka, Japan, February 1985
 94. "Clinical Experience with Mitroflow Pericardial Heart Valve"
National Cardiovascular Center, Osaka, Japan, February 1985
 95. "Clinical Experience With Mitroflow Pericardial Heart Valve"
Invited by Prof. Shoich Furuta, Chief of Surgery Department, Mitsui Memorial Hospital, Tokyo, Japan, February 1985
 96. "Mitral Valve Repair" and "Surgery of Tricuspid Valve Disease"
Invited by Dr. M. Al Faqih, Armed Forces Hospital, Riyadh, Saudi Arabia, February 1985
 97. "Mitral Valve Reconstruction"
Invited by Prof. H. Shuhaiber, Chest Diseases Hospital, Kuwait, 17 March 1985
 98. "Indications for Tricuspid Valve Surgery"
Chest Diseases Hospital, Kuwait, 18 March 1985
 99. "Long Term Results of Bioprosthesis"

Chest Diseases Hospital, Kuwait, 19 March 1985

100. "Mitral And Tricuspid Reconstruction"
Invited by Chairman of Surgery, University of Kuwait, Sabah Hospital, Kuwait, 21 March 1985
101. "Indications And Results of Tricuspid Surgery"
Invited by Prof. Johnson, Loma Linda University School of Medicina, Loma Linda, California, USA, September 1985
102. "Cirugia Conservadora De La Valvula Mitral"
Academia de Ciencias Medicas de Cataluna y Baleares, Hospital de Bellvitge, Barcelona, Spain, April 1985
103. "Tissue Valves: a Perspective from a Vintage Point of View" Honoured lecture
International Symposium on Biologic and Bioprosthetic Valves, London, England, 21-23 May 1985
104. "Cirugia Reparadora De La Valvula Mitral"
Jornadas Argentinas de Cirugia Cardiaca, Buenos Aires, Argentina, 9-12 September 1985
105. "Tratamiento Quirurgico Conservador de la Valvula Tricuspidae"
Jornadas Argentinas de Cirugia Cardiaca, Buenos Aires, Argentina, 9-12 September 1985
106. "Evaluacion a Largo Plazo de las Bioprotesis Valvulares"
Jornadas Argentinas de Cirugia Cardiaca, Buenos Aires, Argentina, 9-12 September 1985
107. "Aortic Valvuloplasty for Non Severe Aortic Disease"
A Dire Straight International Symposium on the Aortic Root, San Diego, California, USA, October 1985
108. "Indicaciones De La Cirugia Valvular"
Residencia de la Seguridad Social, El Ferrol, Spain, 17 January 1986
109. "Estado Actual De La Cirugia Cardiaca"
Instituto Medico Quirurgico, La Coruna, Spain, 18 January 1986
110. "Valve Repair, Problems And Results"
Symposium on Valvular Heart Disease, Riyadh, Saudi Arabia, 9-10 February 1986
111. "Workshop On Mitral Reconstruction" Eight Surgeries Televised Live
Armed Forces Hospital Riyadh, Saudi Arabia, 10-13 February 1986
112. "Resultados a largo plazo con Bioprotesis"
Nuevas Orientaciones en Cirugia Cardiaca, Hospital Clinico San Carlos, Universidad Complutense, Madrid, Spain, February 1986
113. "Trasplante Cardiaco"
Academia Medico-Quirurgica de Pontevedra Colegio de Medicos de Pontevedra, Pontevedra, Spain, 14 March 1986
114. "Aspectos Del Trasplante Cardiaco" Conferencia Magistral
VII Reunion conjunta de las Sociedades Asturiana y Gallega de Cardiologia, Lugo, Spain, 12 April 1986
115. "Cirugia De La Valvula Tricuspidae"

- Curso sobre tratamiento Quirurgico de las Valvulopatias, Hospital General y Clinico de Tenerife, Universidad de la Laguna, Tenerife, Spain, 18 April 1986
116. "II Seminarios De Actualizacion Sobre Trasplante Cardiaco"
III Procuracion de Organos a Distancia, Servicios de Cardiologia y Cirugia Cardiaca Mesa de Trabajo, Hospital de la Santa Creu i San Pau, Barcelona, Spain, 23-24 May 1986
 117. "Trasplante Cardiaco En Valdecilla"
II Seminarios sobre Actualizacion sobre Trasplante de Organos, Hospital de la Santa Creu i San Pau, Barcelona, Spain, 23 May 1986
 118. "Indicacion Quirurgica y seguimiento alejado en la Cardiopatia Tricusvide"
Invited by Prof. Adolfo Uribe, Servicio de Cirugia de Torax y Cardiovascular y Centro Clinico de Cardiologia del Hospital de Cordoba, Argentina, 13 August 1986
 119. "Cirugia Conservadora en el Tratamiento de la Valvuloplasties"
II Curso Ibero-Americano de Cardiologia, Cordoba, Argentina 1986
 120. "Conservative Mitral Surgery"
Guest Speaker, XV Southern Africa Cardiology Meeting, Sun City, South Africa, 20 August 1986
 121. "Trasplante Cardiaco"
XXV Aniversario Hospital "Ntra. Sra. de Convadonga," Oviedo, Spain, 30 October 1986
 122. "Tecnicas Quirurgicas y Resultados de la Plastia de la Valvula Mitral"
Conferencia Magistral, II Semana Quirurgica Cardiovascular, Instituto Nacional de Cardiologia "Ignacio Chávez", Mexico, 10-14 November 1986
 123. "Enfoque Actual del Tratamiento Quirurgico de la Valvulopatia Mitral"
Conferencia Magistral, II Semana Quirurgica Cardiovascular, Instituto Nacional de Cardiologia "Ignacio Chávez", Mexico, 10-14 November 1986
 124. "Valoracion Hemodinamica y Durabilidad a Largo Plazo de las Bioprotesis"
Conferencia Magistral, II Semana Quirurgica Cardiovascular, Instituto Nacional de Cardiologia "Ignacio Chávez", Mexico, 10-14 November 1986
 125. "Which Is The Most Favourable Anatomical Pathological Situation For Reconstructive Mitral Valve Surgery"
III Giornate Internazionali di Progressi in Chirurgia, Bologna, Italy, 3-5 December 1986
 126. "Long Term Behavior Of Pericardial Valve"
International Heart Valve Replacement Symposium, Lanzarote, Spain, 11-14 January 1987
 127. "La Terapia Chirurgica del l'insufficienza Mitralica NonReumatica"
Convegno di Cardiochirurgia, Bormio, Italy, 26-28 March 1987
 128. "Reconstructive Surgery on the AV Valves"
Heart Surgery 1987, 2nd International Symposium, Rome, Italy, 12-15 May 1987
 129. "Durabilite des Bioprotheses Porcine de Hancock"
Symposium: Vingt cinq ans de Protheses Valvulaires Cardiaques, Paris, France 15 May 1987
 130. "Problematicas En Cirugia Cardiovascular"
Sesion Cientifica en memoria del Dr. Carlos Samaniego, Hospital Nacional Valdecilla, Universidad de Cantabria, Santander, Spain, 15 June 1987

131. "Valve Repair Versus Replacement"
Invited by Dr. D. Cooley, Symposium 25th Anniversary Texas Heart Institute, Houston, Texas, USA, 10 October 1987
132. "A Modern Approach to Valve Surgery"
Invited by Dr. L. Bailey, Loma Linda University, Loma Linda, California, USA, November 1987
133. "Heart Valve Repair"
Invited by Dr. James Oury, Scripps Clinic and Research Foundation, La Jolla, California, USA, November 1987
134. "Heart Valve Repair"
Invited by Dr. Fahad Al-Abdul Jabbar, King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia, January 1988
135. Lectures and Grand Rounds
Invited by Prof. Howard Spencer, University Hospital, University of the West Indies, Kingston, Jamaica, April 1988
136. "Technical Aspects and Clinical Experience of Mitral Reconstruction in Ischemic Mitral Incompetence"
International Symposium on Ischemic Mitral Incompetence, Berlin, Germany, 2-4 December 1988
137. "Mitral Valve Repair"
University of Leiden, Leiden, The Netherlands, September 1989
138. "Mitral Valve Repair"
University of Breda, The Netherlands, September, 1989
139. "Valve Repair Future Scope"
Jordanian Cardiac Society Conference, Amman, Jordan, 26-28 October 1988
140. "Mitral Valve Repair"
University of Bad-Nauheim, West Germany, February 1990
141. "Long Term Results of Mitral Valve Repair"
Workshop on Reconstructive Techniques, Tampa, Florida, USA, 22-24 March, 1990
142. "Long Term Results and Problems of Mitral Valve Repair"
Spring Symposium in Cardiac Surgery, Missoula, Montana, USA, 27-28 March, 1990
143. "Heart Valve Repair"
Invited by Dr. Robert Litwak, Professor of Surgery, Mount Sinai School of Medicine, New York, New York, USA, 28 March 1990
144. "Mitral valve reconstruction"
A workshop on reconstructive techniques, Scripps Clinic and Research Foundation, La Jolla, California, USA, 19 June 1990
145. "Mitral valve repair today"
Southwestern Medical School's Visiting Professor Grand Rounds, Dallas, Texas, USA, September 1990
146. "Evolution of Techniques of Mitral Repair Utilizing the Flexible Ring"
"Long Term Results of Mitral Valve Repair with the Flexible Ring"

Workshop on reconstructive techniques, Texas Heart Institute, Houston, Texas, USA, 13-14 September 1990

147. "Rheumatic Mitral Valve Disease"
American Heart Association Scientific Session, Cardiovascular Conference, Dallas, Texas, USA, 12 November 1990
148. "Mitral Valve Repair"
Great Kansas City Society of Cardiothoracic Surgeons, Kansas City, Kansas, USA, 16 November 1990
149. "La Chirurgia Riparativa Della Mitrale e Della Tricuspidè"
2nd Congress of the European Association of Video Surgery, Torino, Italy, 6-8 September 1990
150. "Update on Cardiac Valvular Surgery"
Case Western University, Division of Cardiothoracic Surgery, University Hospitals of Cleveland, Ohio, USA, 15 February 1991
151. "Problems in Atrial Reconstruction"
Mayo Clinic, St. Mary's Hospital, Rochester, Minnesota, USA, April 1991
152. "Historical Evolution of Mitral Valve Repair"
Rocky Mountain Mitral Valve Workshop, Missoula, Montana, USA, 26 April 1991
153. "Homograft Valves: New Developments"
5th International Symposium on Cardiac Bioprotheses, Avignon, France, 24-27 May 1991
154. "Aortic Valve Repair"
4th International Symposium on Cardiac Surgery, Rome, Italy, 28-31 May 1991
155. "Aortic Valve Reconstruction"
4th Annual Conference of the Association of Thoracic and Cardiovascular Surgeons of India jointly with Second World Conference on Open Heart Surgery, Bombay, India, 14 June 1991
156. "Surgical Reconstruction of Cardiac Valves: Technique and Results"
2nd International Symposium on Cardio-Thoracic Surgery, Bad Oeynhausen, Germany, 5-7 September 1991
157. "Mitral Valvuloplasty"
International Society for Cardiovascular Surgery, XX World Congress, Amsterdam, The Netherlands, 1-6 September 1991
158. "Heart Valve Reconstruction"
Visiting Professor: The University of Amsterdam, The Netherlands, 3 September 1991
159. "Heart Valve Reconstruction"
Featured Lecturer, The Royal College of Physicians and Surgeons of Canada, Quebec City, Canada, 19-23 September 1991
160. "Valvuloplasty of the Mitral and aortic valves: State of the Art"
Wilfred Bigelow Lecture: The Canadian Society of Cardiovascular Thoracic Surgeons, Quebec City, Canada, 20-21 September, 1991
161. "Evaluation of techniques and the results of using the Duran Flexible ring"
Medtronic Cardiovascular Technology Symposium, Glasgow, United Kingdom, 25 October 1991

162. Grand Rounds Lecture: "Valve Repair"
Invited by Professor Stuart Jamieson, University of California, San Diego, California, USA, 9 November 1991
163. "Durability of Mitral Valve Repair"
Postgraduate Seminar, 64th Scientific Session of the American Heart Association, Anaheim, California, USA, 10 November 1991
164. "Mitral Valve Repair"
Grand Rounds Lecture: Invited by Dr. Jack Matloff, Cedars Sinai Hospital, Los Angeles, California, USA, 11 November 1991
165. "Mitral Valve Repair"
Grand Rounds Lecture: Invited by Dr. J. Kay, Good Samaritan Hospital, Los Angeles, California, USA, 11 November 1991
166. "State of the Art in Valve Repair"
Grand Rounds Lecture: Invited by Dr. Delos Cosgrove, Department of Cardiovascular Surgery, The Cleveland Clinic, Cleveland, Ohio, USA, January 1992
167. "Changing approaches to Endocarditis"
Hewlett Packard Cardiovascular Teleconference, California, USA, 1 February 1992
168. "Conservative Aortic Surgery"
25th Postgraduate Program of the Society of Thoracic Surgeons, Orlando, Florida, USA, 2 February 1992
169. "Technical Aspects of Aortic Valve Repair"
28th Annual Meeting of the Society of Thoracic Surgeons, Orlando, Florida, USA, 4 February 1992
170. "Mitral and Aortic Valve Repair: State-of-the-Art"
Society of Cardiothoracic Surgeons of Great Britain and Ireland, York, United Kingdom, 20 March 1992
171. Grand Rounds Lecture.
Invited by Professor NP Rosfi, University of Iowa College of Medicine, Department of Surgery, Iowa City, Iowa, USA, 9 April 1992
172. "Present Status of Valve Repair"
Workshop on Mitral Valve Reconstruction II, Tampa, Florida, USA, 9-11 April 1992
173. "Aortic Valve Repair"
The Aortic Valve Symposium, Kauai, Hawaii, USA, 21-23 June 1992
174. "Valve & Valves Substitutes - Past, Present and Future"
9th Asean Congress of Cardiology, Kuala Lumpur, 4-7 July 1992
175. "Left Ventricular Dysfunction: Is it ever too late to Operate?"
9th Asean Congress of Cardiology, Kuala Lumpur, 4-7 July 1992
176. "Aortic Valve Repair"
Exploring the Frontiers in Valvular Heart Disease, Rocky Mountain Symposium, St. Patrick Hospital, Missoula, Montana, USA, 2-5 September 1992

177. "Current Status Heterografts"
Exploring the Frontiers in Valvular Heart Disease, Rocky Mountain Symposium, St. Patrick Hospital, Missoula, Montana, USA, 2-5 September 1992

178. "Mitral Valve Repair"
Exploring the Frontiers in Valvular Heart Disease, Rocky Mountain Symposium, St. Patrick Hospital, Missoula, Montana, USA, 2-5 September 1992

179. "Conservative Mitral Surgery"
1st International Workshop on Mitral Valve Diseases, Kovai Medical Center and Hospital Ltd, Coimbatore, India, 8-9 October 1992

180. "Alternative in Mitral Valve Disease"
1st International Workshop on Mitral Valve Diseases, Kovai Medical Center and Hospital Ltd, Coimbatore, India, 8-9 October 1992

181. "Mitral Valve Anomalies"
Conference at The Leiden Institute for Cardiovascular Teratology on University Hospital Leiden, The Netherlands, 22-23 October 1992

182. "Aortic Valve Reconstruction"
1st Scientific Congress, Middle East & North African Chapter, International Society of Cardiovascular Surgery, Cairo, Egypt, 20-23 October 1992

183. "Functional Anatomy of the Mitral Valve"
Inter-Institutional Symposium on Reconstructive Techniques, La Coruna, Spain, 17 February 1993

184. Closing Magistral Conference
Inter-Institutional Symposium on Reconstructive Techniques, La Coruna, Spain, 19 February 1993

185. "Dinosaurs and The Cardiac Surgeon"
The Brock Lecture: Cardiac Surgery 1993, 24th Annual Meeting, London, United Kingdom, 10-14 May 1993

186. "De la Periferia al Centro"
Sesion Clinica de Cirugia, Hospital Universitario "Marques de Valdecilla," Universidad de Cantabria, Santander, Spain, 14 May 1993

187. "New Uses of Pericardium for Valve Surgery"
Heart Surgery 1993, International Symposium, Rome, Italy, 26 May 1993

188. "Aortic Valve Repair"
Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, Massachusetts, USA, 14 October 1993

189. "Tricuspid Regurgitation Secondary to Mitral Valve Disease"
Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, Massachusetts, USA, 15 October 1993

190. "Mitral Valve Repair in Rheumatic Disease"
Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, Massachusetts, USA, 15 October 1993

191. "Techniques for Mitral Reconstruction Using the Duran Ring Annuloplasty"
Columbia Presbyterian Hospital, New York, New York, USA, 17 October 1993
192. "Long Term Results of Mitral Reconstruction"
Invited by Dr. Lemole, Delaware Medical Center, Philadelphia, Pennsylvania, USA, 19 October 1993
193. "Current Management of Mitral Valve Disease"
Invited by Dr. John D. Oswalt, Seton Medical Center, Austin, Texas, USA, 20 October 1993
194. "Present Status of Mitral Valve Reconstruction"
Invited by Prof. Agustin Arbulu, Wayne State University, Detroit, Michigan, USA, 5 November 1993
195. "Aortic Valve Repair"
Invited by Prof. Verrier, University of Washington, Seattle, Washington, USA, 5 November 1993
196. "Mitral and Aortic Valve Reconstruction: Philosophy, Experience and Future"
Invited by Prof. Verrier, University of Washington, Seattle, Washington, USA, 6 November 1993
197. "Pericardial Cusp Extension"
Postgraduate Seminars of the American Heart Association Meeting, Atlanta, Georgia, USA, 7 November 1993
198. "Aortic Valve Repair and Reconstruction"
Cardiac Surgery 1993 International Symposium, Coimbatore, India, 20 November 1993
199. "Aortic Valve Reconstruction in the Young"
11th Biennial Asean Congress on Thoracic and Cardiovascular Surgery, Kuala Lumpur, Malaysia, 23 November 1993
200. "Use of Homografts in Valve Surgery"
11th Biennial Asean Congress on Thoracic and Cardiovascular Surgery, Kuala Lumpur, Malaysia, 24 November 1993
201. "Aortic and Mitral Repair"
Keynote address: II International Symposium on Cardiovascular Diseases, Sri Sathya Sai Institute of Higher Medical Sciences, Prashanti, India, 22 January 1994
202. "Young Age as a Negative Factor in the Results of Repair for Rheumatic Mitral Disease"
Symposium on Cardiovascular Medicine, Dubai, 27 January 1994
203. "Valve Repair Today"
Invited by Dr. Hooshang Bolooki, Professor of Surgery, CardioThoracic Surgery Department, University of Miami, Miami, Florida, USA, 10 March 1994
204. "El pericardio autologo en la reconstruccion"
XII Congreso Sociedad Espanola Cirugia Cardiovascular, Palma de Mallorca, Spain, 29 June 1994
205. "Los inicios en Navarra y Valdecilla"
Mesa Redonda - La Investigacion en cirugia Cardiovascular - Recursos y aprovechamiento, XII Congreso Sociedad Espanola Cirugia Cardiovascular, Palma de Mallorca, Spain, 30 June 1994
206. "La valvular tricuspide: El reto quirurgico"

- XII Congreso Sociedad Espanola Cirugia Cardiovascular, Palma de Mallorca, Spain, 30 June 1994
207. "Mitral Valve Repair"
III National Congress Thoracic and Cardiovascular Surgery Association, Kusadari, Turkey, 28-30 September 1994
208. "Aortic Valve Repair"
III National Congress Thoracic and Cardiovascular Surgery Association, Kusadari, Turkey, 28-30 September 1994
209. "Valvular Repair"
American College of Chest Physicians, VII Annual Symposium Cardiac Surgery, Current Issues, St. Thomas, US Virgin Islands, 10 November 1994
210. "Valved Conduit"
American College of Chest Physicians, VII Annual Symposium Cardiac Surgery, Current Issues, St. Thomas, US Virgin Islands, 10 November 1994
211. "Aortic Valve Replacement with Autologous Tissue"
Cardiovascular Conference at Snowmass, American College of Cardiology, Snowmass, Colorado, USA, 16-20 January 1995
212. "The Challenge of Acquired Tricuspid Valve Disease"
Cardiovascular Conference at Snowmass, American College of Cardiology, Snowmass, Colorado, USA, 16-20 January 1995
213. "Technical Caveats in Mitral Valve Repair - Duran Technique"
Workshop and Seminar on Heart Valve Surgery, Escorts Heart Institute & Research Centre and ACE Asian Cardiovascular Exchange Group, New Delhi, India, 9-11 February 1995
214. "Technical Details in Aortic Valve Repair"
Workshop and Seminar on Heart Valve Surgery, Escorts Heart Institute & Research Centre and ACE Asian Cardiovascular Exchange Group, New Delhi, India, 9-11 February 1995
215. "Homografts, Stentless Valves, Pericardial Valves and Valve Repair as Alternatives to Valve Replacement with Mechanical and Porcine Valves"
Workshop and Seminar on Heart Valve Surgery, Escorts Heart Institute & Research Centre and ACE Asian Cardiovascular Exchange Group, New Delhi, India, 9-11 February 1995
216. "Tricuspid Valve Surgery"
Workshop and Seminar on Heart Valve Surgery, Escorts Heart Institute & Research Centre and ACE Asian Cardiovascular Exchange Group, New Delhi, India, 9-11 February 1995
217. "Present Indications and Limits of Valve Repair"
Florida Society of Thoracic and Cardiovascular Surgeons, Captiva Island, Florida, USA, 24-27 February 1995
218. "Autologous Pericardium Revisited: New Vistas for an Old Material"
Florida Society of Thoracic and Cardiovascular Surgeons, Captiva Island, Florida, USA, 24-27 February 1995
219. "Surgical Policy in Rheumatic Mitral Valve Disease"
Left Ventricular Function in Valvular Heart Disease, European Society of Cardiology Working Group on Valvular Heart Disease, London, United Kingdom, 30-31 March 1995

220. "Rheumatic Mitral Valve Disease - Repair Techniques"
Exploring the Mitral Valve: A Perspective for the 90's, SUNY at Buffalo, Buffalo, New York, USA, 21-22 April 1995
221. "Current Status and Future of Valve Repair"
4th Annual Dr. George Schimert Lecture, Exploring the Mitral Valve: A Perspective for the 90's, SUNY at Buffalo, Buffalo, New York, USA, 21-22 April 1995
222. "20 Years of the Duran Ring: A Quest for Perfection"
Boston State House, Boston, Massachusetts, 24 April 1995
223. "New Trends in Aortic Valve Prosthesis: Mechanical, Stentless, and Plasties"
Heart Surgery 1995 - 6th International Symposium on Cardiac Surgery, Rome, Italy, 29 May – 1 June 1995
224. Moderador de Mesa Redonda: "Cirugia Valvular Conservadora"
VII Congreso de la Sociedad Catalana de Cirugia Cardiaca, Barcelona, Spain, 1-3 June 1995
225. "25 Years Experience with Valve Repair - Quest for Perfection"
Invited by Prof. Hitoshi Koyanagi, Tokyo Women's Medical College, Tokyo, Japan, 8 June 1995
226. Mitral Valve Repair Seminar
38th Annual Congress of the Western Chapter of the Japanese Association for Thoracic Surgery, Osaka, Japan, 8 June 1995
227. "Mitral Valve Repair - Surgical Approaches: What Echo/Anatomic Information Could Assist A Surgeon?"
American College of Cardiology: The Role of Echocardiography in Cardiac Surgery 1995, Missoula, Montana, USA, 30 August - 2 September 1995
228. "Aortic Valve Repair"
Postgraduate Course, European Association for Thoracic Surgery Meeting, Paris, France, 24 September 1995
229. "Pericardial Aortic Valve Replacement: The Advantage in Developing Countries"
11th Asian-Pacific Congress of Cardiology, Denpasar, Bali, Indonesia, 16-17 September 1995
230. "The Realistic Approach on Mitral Valve Remodeling"
11th Asian-Pacific Congress of Cardiology, Denpasar, Bali, Indonesia, 16-17, September 1995
231. "Twenty Years of the Duran Ring: A Perspective"
Toronto Club, Toronto, Canada, 21 October 1995
232. "Current Trends/Future Direction of Mitral Valve Repair"
Third Annual Henry Ford Hospital Bryan Symposium: Trends and Advances in Cardiovascular Medicine, Detroit, Michigan, USA, 1 November 1995
233. "Mitral Valve Repair Today"
Royal Victoria Hospital Surgical Staff, Belfast, Northern Ireland, United Kingdom, December 1995
234. "Mitral Valve Repair Today"
Birmingham University Hospital Staff, Birmingham, England, 6 December 1995
235. "The Functional Value of the Sinuses of Valsalva"

- Aortic Root Symposium, European Society of Cardiology Workshop, London, United Kingdom, 8 December 1995
236. "Surgical Alternatives for Small Aortic Roots"
Aortic Root Symposium, European Society of Cardiology Workshop, London, United Kingdom, 8 December 1995
237. "Mitral Valve Repair: Indications, Technical Approaches, and Long-Term Results"
Loma Linda University, Loma Linda, California, USA, 28 February 1996
238. "When is Surgical Valvotomy a preferred option in Mitral Stenosis?"
Loma Linda University, Loma Linda, California, USA, 28 February 1996
239. "Prosthetic Heart Valves: Selecting the right prosthesis and long term results of current Mechanical and Tissue Valves"
Loma Linda University, Feb 29, 1996.
240. "Aortic Valve Repair: Technical Approaches, Indications and Results".
Loma Linda University, Loma Linda, California, USA, 29 February 1996
241. "Current Approaches to Mitral Valve Repair"
Charleston Area Medical Center, Charleston, West Virginia, USA, 12 April 1996
242. "New Trends in Aortic Valve Surgery"
Soc. Portorriquena de Cardiologia, Ponce, Puerto Rico, 20 April 1996
243. "The Aortic Valve. Pathophysiology and Surgical Approaches"
State of the Heart Symposium, St. Joseph's Heart Center, Stockton, California, USA, 11 May 1996
244. " Valve Reconstruction and Replacement"
Inaugural Meeting of the Chicago Cardiothoracic Surgery Society, Chicago, Illinois, USA, 18 May 1996
245. "Hot topics in valvular surgery"
Whitefish Hospital Grand Rounds, Whitefish, Montana, USA, 10 June 1996
246. "Hot topics in valvular surgery"
Kalispell Regional Hospital Grand Rounds, Kalispell, Montana, USA, 10 June 1996
247. "Hot topics in Valvular surgery"
Polson Family Health Physicians, Polson, Montana, USA, 10 June 1996
248. "Cardiac Valve Reconstruction: Late Results and New Developments"
Invited by Drs. S. Rossiter and P.B. Kelly, Sacramento Capital Club, Sacramento, California, USA, 12 June 1996
249. "Current Issues in Mitral and Aortic Valve Reconstruction"
Bay Area Surgeons, Blvd One Mission, San Francisco, California, USA, 19 June 1996
250. "The 20 year History of Mitral Valve Repair"
Department of Cardiovascular Surgery Grand Rounds, Kaiser Foundation Hospital, San Francisco, California, USA, 20 June 1996
251. "Surgical Repair of Valvular Heart Disease"
Cardiology 1996: The Approach of practicing Experts, Holy Cross Heart Center Cardiovascular Symposium, Mission Hills, California, USA, June 1996

252. "Reconstruccion Valvular. Que hay de nuevo?"
Inaugural Lecture, XIII Congreso Nacional Societe Espanole Cirurgia Cardiovascular, La Coruna, Spain, 26-29 June 1996
253. "Reconstruccion de la Valvula Aortica"
XIII Congreso Nacional Societe Espanole Cirurgia Cardiovascular, La Coruna, Spain, 26-29 June 1996
254. "Operacion de Ross"
XIII Congreso Nacional Sociedad Espanola Cirurgia Cardiovascular, La Coruna, Spain, 26-29 June 1996
255. "New Developments in Mitral Valve Repair and Replacement"
Prof. Hitoshi Mohri, Clinical Symposium Series, Tokyo, Japan, 14 July 1996
256. "New Developments in Aortic Valve Repair and Replacement"
Prof. Hitoshi Mohri, Clinical Symposium Series, Tokyo, Japan, 14 July 1996
257. "New Developments in Mitral Valve Repair and Replacement"
Prof. Joon-Ryang, Roh Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul, South Korea, 18 July 1996
258. "New Developments in Aortic Valve Repair and Replacement"
Prof. Joon-Ryang, Roh Department of Thoracic and Cardiovascular Surgery, Seoul National University Hospital, Seoul, South Korea, 18 July 1996
259. "Reconstruction of the Heart Valves"
Prof. Zhu Xiao Dong, Cardiac Center, Fu Way Hospital, Beijing, China, 19 July 1996
260. "Reconstruction of the Heart Valves"
Prof. Bao Ren Zhang, Cardiac Center, Shanghai Hospital, Shanghai, China, 22 July 1996
261. "Bases Anatomopatologicas de la Cirugia Conservadora de la Valvula Mitral"
Curso Monografico "Avances Cirugia Cardiaca," Prof. Rodolfo Barragan, Instituto Nacional de Cardiologia, Mexico City, Mexico, 25 July 1996
262. "20 anos de Reconstruccion Valvular Mitral y Aortica"
Conferencia Magistral, Curso Monografico: "Avances cirugia Cardiaca," Prof. Rodolfo Baragan, Instituto Nacional de Cardiologia, Mexico City, Mexico, 25 July 1996
263. "Valvular Surgery: THEN"
25th Annual Santa Fe Cardiology Symposium, Santa Fe, New Mexico, USA, 2 August 1996
264. "Novel Revascularization Techniques"
25th Annual Santa Fe Cardiology Symposium, Santa Fe, New Mexico, USA, 3 August 1996
265. "Mitral Valve Anatomy Nomenclature"
The Mitral Valve. Concepts and Controversies, Seattle, Washington, USA, 23-24 August 1996
266. "New Trends in Aortic Valve Surgery"
4th Annual Cardiothoracic Symposium, California Center for Cardiothoracic Surgery, Sherwood Country Club, California, USA, 7 September 1996
267. "20 Years of Mitral Valve Repair"

- 4th Annual Catdiothoracic Symposium, California Center for Cardiothoracic Surgery, Sherwood Country Club, California, USA, 7 September 1996
268. "Mitral Annuloplasty: Different Surgical Techniques"
9th Annual Meeting Mediterranean Association of Cardiology and Cardiac Surgery, Tel Aviv, Israel, 20-23 October 1996
269. "How to Repair the Aortic Valve"
9th Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Tel Aviv, Israel, 20-23 October 1996
270. "Mitral Valve Disease: A Cardiology-Surgical Interaction"
9th Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Tel Aviv, Israel, 20-23 October 1996
271. "Surgical Option: Repair and valve replacement in tricuspid insufficiency"
9th Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Tel Aviv, Israel, 20-23 October 1996
272. "Bioprosthetic Aortic Valves: Porcine or Pericardial"
The 2nd Triennial Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, Massachusetts, USA, 31 October 1996
273. "Principles of Mitral Valve Repair for Rheumatic Heart Disease"
The 2nd Triennial Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, Massachusetts, USA, 1 November 1996
274. "A Mitral Valve Repair and Ross Procedure Workshop"
Cardiac Surgery Association & Loyola Department of Thoracic & Cardiovascular Surgery, Chicago, Illinois, USA, 2 November 1996
275. "Mitral Valve Repair: Current Status"
1st International Seminar, Current Management of Heart Disease, Onassis Cardiac Surgery Center, Athens, Greece, 6 December 1996
276. "New Developments in Cardiac Valve Reconstruction and Replacement"
Cardiac Valve Surgery into the 21st Century, Medical Center of Delaware, Invited by Dr. Gerald M. Lemole, Newark, Delaware, 13-14 December 1996
277. "New Trends in Aortic Valve Surgery"
American College of Cardiology 29th Annual New York Cardiovascular Symposium, New York, New York, USA, 14 December 1996
278. "Reconstructive Procedures for Heart Valve Disease"
Asian Society for Cardiovascular Surgery, Taipei, China, 11 January 1997
279. "Mitral Valve Reconstruction Today"
University Hospital Surgeons Meeting, Bello Horizonte, Brazil, 22 January 1997
280. "Present Day Surgical Indications for Valvular Disease"
Big Mountain Medical-Ski Conference, The Montana Academy of Family Physicians, Whitefish, Montana, USA, 31 January 1997
281. "From Replacement to Repair: What is Ahead in the Next Millenium?"
Singapore Cardic Society 10th Annual Meeting, Singapore, 1 March 1997

282. "Surgical Anatomy of the Aortic Valve"
2nd Ethicon Cardiovascular Update, Singapore, 3 March 1997
283. "Aortic Valve Repair Techniques"
2nd Ethicon Cardiovascular Update, Singapore, 3 March 1997
284. "Mitral Valve Repair: A Quest for Perfection"
Peak Performance X, Chateau Lake Louise, Alberta, Canada, 7 March 1997
285. "Tricuspid Valve Repair. Current Concepts"
Peak Performance X, Chateau Lake Louise, Alberta, Canada, 7 March 1997
286. "Taller sobre Reparacion Mitral"
Salon de Cirugia, Siglo XXI Estrategias en Cardiologia, Fundacion Clinica Shaio, Bogota, Colombia, 6 June 1997
287. "Procedimientos reparativos de la valvula mitral"
Siglo XXI Estrategias en Cardiologia, Fundacion Clinica Shaio, Bogota, Colombia, 6 June 1997
288. "Aortic Valve Reconstruction with Free Hand Autologous Pericardium"
11th Asean Congress of Cardiology, Jakarta, Indonesia, 6-10 July 1997
289. "Evolution of Mitral Valve Repair: Enlarged Indications and Transplantation"
11th Asean Congress of Cardiology, Jakarta, Indonesia, 6-10 July 1997
290. "The Challenge of Tricuspid Valve Repair"
XVI Interamerican Congress of Cardiology, San Juan, Puerto Rico, 14-18 September 1997
291. "New Era in Aortic Valve Surgery"
XVI Interamerican Congress of Cardiology, San Juan, Puerto Rico, 14-18 September 1997
292. "Pericardium: A Tissue with Personality"
International Symposium On The Use of Pericardium in Cardiac Surgery, London, United Kingdom, 2-4 October 1997
293. "Special considerations in valve repair or replacement in juvenile rheumatic disease"
Valve Surgery in Developing Countries Symposium, Sidney, Australia, 10-11 October 1997
294. "The CarboMedics Valve"
Mechanical Heart Valve Symposium, 13th Bi-Annual Asian Congress, Sidney, Australia, 12 October 1997
295. "Heart Valve Reconstruction"
Soc Peruana Cirugia Toracica y Cardiovascular, Hospital Rebagliati, Lima, Peru, 28 October 1997
296. "Heart Valve Reconstruction"
Congreso de Cardiologia, Fundacion Cardiovascular del Oriente Colombiano, Bucaramanga, Peru, 1 November 1997
297. "Techniques in Mitral Valve Repair"
Congreso de Cardiologia. Fundacion Cardiovascular del Oriente Colombiano, Bucaramanga, Peru, 1 November 1997
298. "Hacia la Reparacion de la Valvula Aortica"

- Joint Session AHA and The Spanish Society of Cardiology, American Heart Association 70th Scientific Session, Orlando, Florida, USA, 9-12 November 1997
299. "Mitral Valve Repair"
Medtronic-Hall Symposium, Amelia Island, Florida, USA, 14-15 November 1997
 300. "Cirugia Cardiaca en el Anciano"
Congreso Sociedad Castellano-Leonesa Cardiologia, Avila, Spain 20-22 November 1997
 301. "Cirugia Reparadora de la Valvula Aortica"
Conferencia Magistral, Congreso Sociedad Castellano Leonesa Cardiologia, Avila, Spain, 20-22 November 1997
 302. "Alternatives in Aortic Valve Surgery"
XXXIV Congreso Chileno Cardiologia & Cirugia Cardiovascular, Vina del Mar, Chile, 3-6 December 1997
 303. "The Tricuspid Valve Challenge"
XXXIV Congreso Chileno Cardiologia & Cirugia Cardiovascular, Vina del Mar, Chile, 3-6 December 1997
 304. "20 Years of Mitral Valve Repair"
XXXIV Congreso Chileno Cardiologia & Cirugia Cardiovascular, Vina del Mar, Chile, 3-6 December 1997
 305. "Porcine vs. Pericardial Bioprosthesis"
XXXIV Congreso Chileno Cardiologia & Cirugia Cardiovascular, Vina del Mar, Chile, 306 December 1997
 306. "Valvular Heart Disease"
Current Concepts in Cardiology, St. James Hospital, Butte, Montana, USA 29 January 1998
 307. "Update on Mitral Valve Repair"
Host: Dr.P Chopra, University of Wisconsin-Madison, Madison, Wisconsin, USA, 11 May 1998
 308. "Update on Mitral Valve Repair"
Host: Dr. LH Cohn, Brigham & Women's Hospital, Boston, Massachusetts, USA, 13 May 1998
 309. "Update on Mitral Valve Repair"
St. Raphael's Hospital, New Haven, Rhode Island, USA, 14 May 1998
 310. "Mitral Valve Repair"
Cath Conference, Invited by Dr. Bartley Griffith, University of Pittsburgh, Pittsburgh, Pennsylvania, USA, 15 May 1998
 311. "Update on Mitral Valve Repair"
Host: Dr. Farrokh Sadr, Lehigh Valley Medical Center, Allentown, Pennsylvania, USA, 16 May 1998
 312. "The Future of Valve Replacement"
Host: Prof. Hans Huysmans, University of Leiden Medical School, Leiden, The Netherlands, 5 September 1998
 313. "Use of Autologous Pericardium in the Conservative Surgery of the Aortic Valve"
Actualita in Tema di Chirurgia Dell'Aorta, Ospedale Clinicizzato San Donato, Universita Degli Studi Di Milano, Milan, Italy, 25 September 1998

314. "La Chirurgie de Reconstruction Mitrale"
The Circle of Knowledge, Prof. Daniel Loissance, Divonne, France, 3 October 1998
315. "Reconstruccion Valvular del Prolapso Valvular Mitral"
IV Congreso Iberoamericano de Cardiologia, Quito, Ecuador, 14-17 October 1998
316. "Reconstruccion Aortica"
IV Congreso Iberoamericano de Cardiologia, Quito, Ecuador, 14-17 October 1998
317. "Moderate Aortic Stenosis. What operation to perform?"
American Heart Association 71st Scientific Session, Dallas, Texas, USA, 8-11 November 1998
318. "Anatomie Fonctionnelle de la Valve Mitrale"
Nouvelle Chirurgie Mitrale, Hopital Bichat, Paris, France, 31 November 1998
319. "Reparation Mitrale Aujourd'hui"
Nouvelle Chirurgie Mitrale, Hopital Bichat, Paris, France, 2 December 1998
320. "Aortic Valve Repair"
American College of Cardiology New York Cardiovascular Symposium, New York, New York, USA, 5 December 1998
321. "New Indications for Mitral Valve Repair in Ischemic and Cardiomyopathy"
The New World of Cardiology, Nassau, Bahamas, 16-19 January 1999
322. "Status of Keyhole Surgery for Coronary Artery Disease"
The New World of Cardiology, Nassau, Bahamas, 16-19 January 1999
323. "Decision Making in Mitral and Tricuspid Valve Surgery"
2nd Annual Comprehensive Review of Intraoperative Echo, The Societies of Cardiovascular Anesthesiologists & Echocardiography, San Diego, California, USA, 7 February 1999
324. "Normal Cardiac Anatomy and Mitral Valve Repair"
2nd Annual Comprehensive Review of Intraoperative Echo, The Societies of Cardiovascular Anesthesiologists & Echocardiography, San Diego, California, USA, 8 February 1999
325. "Mitral Regurgitation: Can That Valve Be Repaired?"
Meet the Experts Session, The American College of Cardiology 48th Annual Scientific Session, New Orleans, Louisiana, USA, 8 March 1999
326. "Echo/Doppler to Assess Suitability for Mitral Repair"
Meet the Experts Session, The American College of Cardiology 48th Annual Scientific Session, New Orleans, Louisiana, USA 10 March 1999
327. "Current Surgical Options for Mitral Valve Surgery"
Newer Medical and Surgical Options in Valvular Heart Disease, The Clubhouse at Pelican Hill Golf Club, Newport Beach, CA, USA, 22 April 1999
328. Session Chairman and Panel Discussion Moderator
Stentless Valve Workshop, Gleneagles Hospital, Singapore, 28 May 1999
329. "Mitral Valve Repair Revisited"
7th Annual Meeting of the Asian Society for Cardiovascular & Thoracic Surgery, Raffles City Convention Centre, Singapore, 29 May 1999

330. "TMR Shootout"
Lunch Symposium, 7th Annual Meeting of the Asian Society for Cardiovascular & Thoracic Surgery, Raffles City Convention Centre, Singapore, 29 May 1999
331. Medtronic Demonstration
7th Annual Meeting of the Asian Society for Cardiovascular & Thoracic Surgery, Raffles City Convention Centre, Singapore, 29 May 1999
332. "Autologous Pericardium"
7th Annual Meeting of the Asian Society for Cardiovascular & Thoracic Surgery, Raffles City Convention Centre, Singapore, 29 May 1999
333. "The Development of Cardiac Surgery: Lessons to gauge its future development"
Symposium on Advanced Development of Cardiac Surgery toward the 21st Century, Taipei, Taiwan, 30 May 1999
334. "Valve Repair of Rheumatic Lesions: The Success and Frustration"
Valvular Heart Disease: New Strategies for the Third Millennium, Mayo Clinic, Rochester, MN, USA, 5 June 1999
335. "The Ross Procedure: How Does It Compare to Valve Repair and Replacement?"
Valvular Heart Disease: New Strategies for the Third Millennium, Mayo Clinic, Rochester, MN, USA, 5 June 1999
336. "Estado Actual y Futuro de la Cirugia Cardiaca"
Cardiologos Espanoles en el Mundo, Barcelona, Spain, 12 June 1999
337. "Valve Surgery in the New Millennium"
14th Carribean Cardiology Conference, Caribbean Cardiac Society, Ocho Rios, Jamaica, WI, 17 July 1999
338. "Reparacion Mitral en la Cardiopatia Dilatada"
XVII Interamerican Congress of Cardiology, Buenos Aires, Argentina, 23 August 1999
339. "Reparacion de Lesiones Moderadas Aorticas Asociadas a Otra Patologia"
XVII Interamerican Congress of Cardiology, Buenos Aires, Argentina, 23 August 1999
340. "Futuro de la Cirugia Valvular"
XVII Interamerican Congress of Cardiology, Buenos Aires, Argentina, 25 August 1999
341. "Cirugia Valvular: Presente y Futuro"
X Fin de Semana Caradiovascular, XXV Aniversario del Servicio de Cirugia Cardiovascular, Santander, Spain, 20 November 1999
342. "Mitral Valve Surgery"
A Gala Meeting to Celebrate the Participation of Latin American and Spanish and Portuguese Speaking Cardiothoracic Surgeons, Society of Thoracic Surgeons 36th Annual Meeting, 30 January 2000
343. "What A Cardiac Surgeon Expects from Basic Scientists"
Biochemistry/Microbiology Student Seminar, The University of Montana, Missoula, MT, USA, 7 February 2000
344. "Normal Cardiac Anatomy"

- Surgical Wet Laboratory, 3rd Annual Comprehensive Review of Intraoperative Echo, American Society of Echocardiography and Society of Cardiovascular Anesthesiologists, Sheraton Harbor Island, San Diego, CA, USA, 13 February 2000
345. "Mitral Valve Repair Procedures"
Surgical Wet Laboratory, 3rd Annual Comprehensive Review of Intraoperative Echo, American Society of Echocardiography and Society of Cardiovascular Anesthesiologists, Sheraton Harbor Island, San Diego, CA, USA, 13 February 2000
346. "Valve Surgery in the New Millennium: Introduction and Development of Bioprosthetic Tissue Utilization"
2000 Annual Scientific Program Celebrating "The Legends of the Millennium," Florida Society of Thoracic and Cardiovascular Surgeons, Boca Raton, FL, USA, 25 February 2000
347. Demonstration of the Normal Mitral Anatomy in Pig Heart
Wet Lab, The Mitral Valve in the Third Millennium: Cardiologist – Echocardiography – CV Surgeon, Hoag Heart Institute, Four Seasons Hotel, Newport Beach, CA, USA, 11 March 2000
348. "Mitral Valve Repair in Rheumatic MV Disease"
The Mitral Valve in the Third Millennium: Cardiologist – Echocardiography – CV Surgeon, Hoag Heart Institute, Four Seasons Hotel, Newport Beach, CA, USA, 11 March 2000
349. "Echo/Doppler to Assess Suitability of Mitral Valve Repair"
American College of Cardiology 49th Annual Scientific Session, Anaheim, CA, USA, 14 March 2000
350. "Hacia la Reparacion Valvular Aortica"
American College of Cardiology 49th Annual Scientific Session, Anaheim, CA, USA, 14 March 2000
351. "Mitral Stenosis: Surgically"
American College of Cardiology 49th Annual Scientific Session, Anaheim, CA, USA, 15 March 2000
352. "Golden Moments for Intervention in Valvular Heart Disease"
American College of Cardiology 49th Annual Scientific Session, Anaheim, CA, USA, 15 March 2000
353. "The Cardiovascular Problem and Its Cost to Missoula Business"
American Heart Association Heart Walk CEO Breakfast, The Montana Club, Missoula, MT, USA, 5 April 2000
354. "Functional Anatomy of Normal Mitral Valves"
American College of Cardiology – Heart House Bethesda, MD, USA, 10 April 2000
355. "Surgical Approaches to to Mitral Valve Repair"
American College of Cardiology – Heart House Bethesda, MD, USA, 11 April 2000
356. "Mitral Valve Anatomy/Physiology/Pathology"
Ann Arbor Mitral Repair Workshop (Professor Bolling), 4 May 2000
357. "The Heart – A Vision of the New Millenium"
Speech honoring the anniversary of Dr. Albert Starr's heart program. Portland, OR, USA, 20 July 2000
358. "Aortic Valve Reconstruction with Autologous Pericardium"

- Bangkok, Thailand, 6 September 2000
358. "Aortic Valve Reconstruction with Autologous Pericardium"
Chiang Mai, Thailand, 7 September 2000
 359. "History of Heart Valve Surgery"
Department of Surgery, Faculty of Medicine, Chiangmai University, Chiangmai, Thailand (Prof. Nawarawong), 8 September 2000
 360. "Aortic Valve Reconstruction with Autologous Pericardium"
Jakarta, Indonesia, 11-12 September 2000
 361. "The Evolution of Heart Valve Surgery"
National Heart Center, Jakarta, Indonesia (Prof. Tamizi), 12 September 2000
 362. "Aortic Valve Reconstruction with Autologous Pericardium"
Mulu Rafflesia Heart Valve Symposium, Kuching, Sarawak, 12-17 September 2000
 363. Opening lecture, "Future of Heart Valve Surgery"
Mulu Rafflesia Heart Valve Symposium, Kuching, Sarawak, 13 September 2000
 364. "Anatomy and Physiology of the Mitral Valve"
Mitral Valve Workshop. New York, NY, USA, 27-29 September 2000
 365. "Repair Technique: Flexible Annuloplasty"
Mitral Valve Workshop. New York, NY, USA, 27-29 September 2000
 366. "Functional Anatomy of Normal Mitral & Aortic Valves"
Riyadh, Saudi Arabia, 2-9 October 2000
 367. "Surgical Approaches to Mitral Valve Repair"
Riyadh, Saudi Arabia, 2-9 October 2000
 368. "The Ross Registry"
Riyadh, Saudi Arabia, 2-9 October 2000
 369. "Tissue Engineering of Heart Valves"
Riyadh, Saudi Arabia, 2-9 October 2000
 370. "Mitral Surgical Anatomy"
Symposium Nouvelle Chirurgie Mitrale, Paris, France, 3-5 December 2000
 371. "Mitral Repair Techniques"
Symposium Nouvelle Chirurgie Mitrale, Paris, France, 3-5 December 2000
 372. "Surgical Cardiac Anatomy Wet Lab"
Annual Review & TEE Update: Clinical Decision Making in the Cardiac Surgery Patient, Society of Cardiovascular Anesthesiologists, San Diego, CA, USA, 12-17 February 2001
 373. "Surgical Management of the Patient with Mitral Valve Disease"
Kaiser Hospital, San Francisco, CA, USA, 15 February 2001
 374. "Mitral Valve Anatomy and Classification of Mitral Regurgitation Pathology"
Modesto, CA, USA, 15 February 2001
 375. "Mitral Valve Repair of the Anterior Leaflet"

Journal Club, Modesto, CA, USA, 15 February 2001

376. "A New Tissue Engineered Vascular Graft – Experimental and Clinical Data"
Stockholm, Sweden, 26 February 2001
377. "A New Tissue Engineered Vascular Graft – Experimental and Clinical Data"
Experimental Research Laboratories Research Meeting (Professor A. Carpentier), Broussais
Hospital, Paris, France, 27 February 2001
378. "A New Tissue Engineered Vascular Graft – Experimental and Clinical Data"
Department of Cardiac Surgery Staff Meeting, Pitie Salpetriere Hopital (Professor Gandjbakhch),
Paris, France, 28 February 2001
379. "A New Tissue Engineered Vascular Graft – Experimental and Clinical Data"
Harefield Hospital Heart Center Staff Meeting (Professor M. Yacoub), London, England, 6 March
2001
380. "A New Tissue Engineered Vascular Graft – Experimental and Clinical Data"
Frankfurt, Germany, 2 March 2001
381. "Surgical Approach to the Mitral Valve"
American College of Cardiology 50th Annual Scientific Session, Orlando, FL, USA 18 March 2001
382. "Functional Anatomy of Normal Mitral, Aortic, and Tricuspid Valves"
American College of Cardiology Heart House, Bethesda, MD, USA, 30 April 2001
383. Wet-Lab: Hands-On Demonstration of Detailed Valvular Anatomy
American College of Cardiology Heart House, Bethesda, MD, USA, 30 April 2001
384. "Surgical Approaches Used in Reconstruction of Degenerative-Myxomatous Mitral Valve"
American College of Cardiology Heart House, Bethesda, MD, USA, 1 May 2001
385. "Use of Autograft and Homograft in Mitral Valve Surgery. Indications: Early and Late Results"
American College of Cardiology Heart House, Bethesda, MD, USA, 1 May 2001
386. "Valve Sparing Operation for Aortic Disease: Indications and Feasibility"
American College of Cardiology Heart House, Bethesda, MD, USA, 1 May 2001
387. "Update on Mitral Valve Repair"
Rapid City Regional Hospital Cardiology Staff, Rapid City, SD, USA, 24 May 2001
388. "Fresh Insights into Mitral Valve and Aortic Valve Root Anatomy and Function"
Echo Montana 2001, Missoula, MT, USA, 12 August 2001
389. "Wet Lab; Hands-on Demonstration of Detailed Valve Anatomy"
Echo Montana 2001, Missoula, MT, USA, 12 August 2001
390. "Mitral Valve Repair: Surgical Techniques and their Indications"
Echo Montana 2001, Missoula, MT, USA, 13 August 2001
391. "Autograft and Homograft Surgery for Mitral Valve Disease: Indications and Results"
Echo Montana 2001, Missoula, MT, USA, 13 August 2001
392. "Surgical Approaches for Ischemic Mitral Regurgitation"
Echo Montana 2001, Missoula, MT, USA, 13 August 2001

393. "Anatomy of the Aortic Root."
The Rocky Mountain Valve Symposium XI, Missoula, MT, USA, 15 August 2001
394. Wet Lab: Mitral Valve Anatomy and Methods of Morphologic Correlations
The Mitral Valve: Medical, Surgical, and Anesthetic Management with Emphasis on Echo-PathoAnatomic Correlation. The Cleveland Clinic Foundation, Cleveland, OH, USA, 20 September 2001
395. "Surgical Outcomes from Rheumatic Repairs"
The Mitral Valve: Medical, Surgical, and Anesthetic Management with Emphasis on Echo-PathoAnatomic Correlation. The Cleveland Clinic Foundation, Cleveland, OH, USA, 21 September 2001
396. "Mitral Repair Today: From Functional to Anatomic"
Loyola University Medical Center Dept. of Cardiovascular Surgery, Chicago, IL, USA, 1 October 2001
397. Cardiac Anatomy and Surgery Lectures
"Nouvelle Chirurgie Mitrale" The Valve Repair Workshop, Paris, France, 3-5 December 2001
398. External Cardiac Anatomy/Cardiac Valves Lecture
5th Annual Comprehensive Review & TEE Update: Clinical Decision-Making in the Cardiac Surgery Patient, Orlando, FL, USA, 18 February 2002
399. Normal Anatomy of Mitral, Aortic, and Tricuspid Valves, Including Videotaped Display of Wet Lab Demonstration
Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA, 11 April 2002
400. Wet Lab: Hands-On Demonstration of Detailed Valvular Anatomy
Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA, 11 April 2002
401. "Surgical Options in Aortic Valve Surgery: The Tissue Options—Pro and Con"
Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA, 11 April 2002
402. "Varied Surgical Approaches in Mitral Valve Repair"
Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA, 12 April 2002
403. "Use of Autografts, Homografts, and Stentless Valves in the Mitral Position"
Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA, 12 April 2002
404. "Future Developments in Heart Valve Surgery—A Perspective"
Intraoperative TEE and Current Surgical Options in Treatment of Valve Disease: Live Demonstrations and Case Studies, American College of Cardiology Heart House Learning Center, Bethesda, MD, USA, 13 April 2002
405. "Surgical Options for Ischemic MR"

- Society of Cardiovascular Anesthesiologists 24th Annual Meeting & Workshops, New York, NY, USA, 21 April 2002
406. “Perspectives on the Future of Cardiovascular Medicine”
Society of Cardiovascular Anesthesiologists 24th Annual Meeting & Workshops, New York, NY, USA, 21 April 2002
407. “Mitral Valve Anatomy and Repair”
Guidant Corporation Scientists, Santa Clara, CA, USA, 29 April 2002
408. “Perspectives on the Future of Cardiovascular Medicine”
Monthly CME Lecture, Marcus Daly Memorial Hospital, Hamilton, MT, USA, 2 May 2002
409. “Mitral Valve Repair Today: A Standardized Procedure”
University of Toronto Resident’s Research Day, St. Michael’s Hospital, Toronto, Ontario, Canada, 11 May 2002
410. Wet Lab Presentation: Mitral Valve Repair Procedures
University of Toronto Resident’s Research Day, St. Michael’s Hospital, Toronto, Ontario, Canada, 12 May 2002
411. “Perspectives on the Future of Cardiovascular Medicine”
Monthly CME Lecture, Kalispell Regional Medical Center, Kalispell, MT, USA, 17 June 2002
412. “Functional Anatomy of the Aortic Valve”
2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia, 26-30 June 2002
413. “Aortic Valve Repair Techniques”
2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia, 26-30 June 2002
414. “Technique of the Autologous Pericardial Replacement of the Aortic Valve”
2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia, 26-30 June 2002
415. Wet Lab: Autologous Pericardial Replacement of the Aortic Valve
2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia, 26-30 June 2002
416. “A Peek into the Future: Cardiovascular Tissue Engineering”
2nd Mulu Rafflesia Heart Valve Symposium (The Aortic Valve), Kuching, Sarawak, Malaysia, 26-30 June 2002
417. Mitral Valve Workshop
Kaiser Permanente, San Francisco, CA, USA, 10 July 2002
418. “Functional Anatomy of the Aortic Valve and Root”
Echo Montana 2002: Echocardiography in Adult Valvular Disease; Surgical Correlations, Missoula, MT, USA, 12 August 2002
419. Wet Lab – Hands-on Demonstration of Detailed Valve Anatomy
Echo Montana 2002: Echocardiography in Adult Valvular Disease; Surgical Correlations, Missoula, MT, USA, 12 August 2002
420. “Mitral and Tricuspid Valve Anatomy”

- Echo Montana 2002: Echocardiography in Adult Valvular Disease; Surgical Correlations, Missoula, MT, USA, 12 August 2002
421. Wet Lab – Hands-on Demonstration of Mitral and Tricuspid Valves
Echo Montana 2002: Echocardiography in Adult Valvular Disease; Surgical Correlations, Missoula, MT, USA, 12 August 2002
422. “The Role of Surgery in the Heart Failure Epidemic”
11th Annual Rocky Mountain Nursing Conference, Missoula, MT, USA 13 August 2002
423. Wet Lab – Anatomy of the Heart
Rocky Mountain Valve Symposium XII, Missoula, MT, USA, 14 August 2002
424. “New Insights on the Aortic Valve Functional Anatomy”
Rocky Mountain Valve Symposium XII, Missoula, MT, USA, 15 August 2002
425. “Functional Anatomy of the Mitral and Tricuspid Valves”
Rocky Mountain Valve Symposium XII, Missoula, MT, USA, 16 August 2002
426. Wet Lab – Mitral and Tricuspid Repair Techniques
Rocky Mountain Valve Symposium XII, Missoula, MT, USA, 16 August 2002
427. “Functional Anatomy of the Mitral and Tricuspid Valves”
Hanshin Heart Valve Symposium, Kobe General Hospital, Kobe, Japan, 18 September 2002
428. Wet Lab
Hanshin Heart Valve Symposium, Kobe General Hospital, Kobe, Japan, 18 September 2002
429. “Tissue Engineering in Cardiovascular Surgery”
2nd Five-Continent International Symposium on Cardiovascular Diseases, Beijing Anzhen Hospital, Beijing, China, 19 September 2002
430. “Present Status of Valve Repair”
2nd Five-Continent International Symposium on Cardiovascular Diseases, Beijing Anzhen Hospital, Beijing, China, 20 September 2002
431. “Heart Valve Disease and Repair”
Medtronic National Sales Meeting, Scottsdale, AZ, USA, 30 September 2002
432. “Mitral Valve Repair: From Functional to Anatomic”
Controversies in Adult Cardiac Surgery, Cedars-Sinai Medical Center, Los Angeles, CA, USA, 4 October 2002
433. “The Aortic Valve as the First Tissue-Engineered Candidate”
Controversies in Adult Cardiac Surgery, Cedars-Sinai Medical Center, Los Angeles, CA, USA, 5 October 2002
434. “Decellularized Allograft and Xenograft Heart Valves”
Cardiac BioInterventions, San Francisco, CA, USA, 5 October 2002
435. Session Panelist: Mechanism, Management, and Controversies Surrounding Ischemic Mitral Regurgitation – “Therapeutic Options”
American Heart Association 75th Annual Scientific Sessions, Chicago, IL, USA, 17 November 2002
436. “From Functional to Anatomic Mitral Valve Repair”

- Newark Beth Israel Medical Center and St. Barnabas Hospital, Newark, NJ, USA, 17 December 2002
437. "From Functional to Anatomic Mitral Valve Repair"
Surgical Ground Rounds at Robert Wood Johnson Hospital, Rutgers University, New Brunswick, NJ, USA, 18 December 2002
 438. "Cardiac Anatomy Wet Lab"
6th Annual Comprehensive Review & Update of Perioperative Echocardiography. Clinical Decision-making in the Cardiac Surgery Patient, San Diego, CA, USA, 12 February 2003
 439. "A Surgeon's Perspective of Heart Failure"
The University of Montana School of Pharmacy HS 389 Recent Advances in Clinical Medicine, Missoula, MT, USA, 6 March 2003
 440. "Advances in Mitral Valve Repair"
Texas Heart Institute, Houston, TX, USA, 13 March 2003
 441. "Mitral Repair Results and Indications"
Texas Heart Institute Noon Cardiology Meeting, Houston, TX, USA, 13 March 2003
 442. Mitral Valve Wet Lab
Southwest Texas Medical School, Dallas, TX, USA, 14 March 2003
 443. "Advances in the Repair of Mitral Valve Disease"
Baylor University Medical Center Heart Hospital, Dallas, TX, USA 15 March 2003
 444. Evening Session on Functional Mitral Regurgitation
American College of Cardiology 52nd Annual Scientific Sessions, Chicago, IL, USA, 1 April 2003
 445. Duran AnCore Wet Lab "Ask the Experts" Session
American Association of Thoracic Surgeons, Boston, MA, USA, 6 May 2003
 446. "Annuloplasty Rings for MR: Purpose, Variations, Selection for Use, and Results"
Valves in the Heart of the Big Apple III sponsored by Cornell University and New York Presbyterian Hospital, New York, NY, USA, 8 May 2003
 447. "Mitral Valve Repair"
Twin Cities Thoracic Society Meeting, Minneapolis, MN, USA, 13 May 2003
 448. "Functional Anatomy of the Mitral Valve and Surgical Implications"
Medtronic Cardiac Surgery Fellows' Program, Minneapolis, MN, USA, 15 May 2003
 449. Mitral Wet Lab
Medtronic Cardiac Surgery Fellows' Program, Minneapolis, MN, USA, 15 May 2003
 450. "The Aortic Valve as the First Tissue-Engineered Candidate"
Canadian Society of Cardiovascular Surgeons, Magog, Quebec, Canada, 9 June 2003
 451. "Functional Anatomy of the Aortic Valve and Root"
Echo Montana – Echocardiography in Adult Valvular Disease; Surgical Correlations, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 11 August 2003
 452. Wet Lab: Hands-on Demonstration of Detailed Valve Anatomy
Echo Montana – Echocardiography in Adult Valvular Disease; Surgical Correlations, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 11 August 2003

453. "Anatomy of the Mitral Valve"
Echo Montana – Echocardiography in Adult Valvular Disease; Surgical Correlations, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 12 August 2003
454. Wet Lab
Echo Montana – Echocardiography in Adult Valvular Disease; Surgical Correlations, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 12 August 2003
455. Anatomy of the Heart Wet Lab
13th Annual Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 13 August 2003
456. "Mitral Functional Anatomy"
13th Annual Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 14 August 2003
457. "Anterior Mitral Leaflet Repair Techniques"
13th Annual Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 14 August 2003
458. Mitral Valve Surgery Wet Lab
13th Annual Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 14 August 2003
459. "Functional Anatomy of the Aortic Root"
13th Annual Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 15 August 2003
460. "Valvular Disease – Detection and Triage for Optimum Results"
Cardiovascular Conference 2003; Emergent, Urgent, and Continuum of Care, Kalispell Regional Medical Center, Kalispell, MT, USA, 17 October 2003
461. Dyspnea/Heart Failure – Diagnosis, Treatment, and Prevention Breakout Session
Cardiovascular Conference 2003; Emergent, Urgent, and Continuum of Care, Kalispell Regional Medical Center, Kalispell, MT, USA, 18 October 2003
462. "Repair in Rheumatic Mitral Disease"
Brigham and Women's Hospital, Boston, MA, USA, 28 October 2003
463. "The Scientific Basis of Mitral Valve Repair: DaVinci was Right"
Harvard Medical School, Boston, MA, USA, 29 October 2003
464. Cardiac Surgery Wet Lab – Mitral Anatomy and Repair
Brigham and Women's Hospital Dept. of Cardiac Surgery, Boston, MA, USA, 30 October 2003
465. "Cirugia Reconstructora de la Valvula Mitral"
Cardiovascular Seminars CVS.64 AHA/SEC/SIC Symposium at the American Heart Association Scientific Sessions 2003, Orlando, FL, USA, 10 November 2003
466. Cardiac Anatomy Wet Lab and TEE Correlations of Cardiac Anatomy
7th Annual Comprehensive Review & Update of Perioperative Echocardiography – Clinical Decision Making in the Cardiac Surgery Patient. San Diego, CA, USA, 11 February 2004
467. "Mitral Valve Anatomy: DaVinci was Right"
Medtronic Heart Valve Technology Symposium, Las Vegas, NV, USA, 28 February 2004

468. "Implant Techniques Using the Duran AnCore Flexible Ring – Video & Discussion"
Medtronic Heart Valve Technology Symposium, Las Vegas, NV, USA, 28 February 2004
469. Duran AnCore with Chordal Guide Wet Lab
Medtronic Heart Valve Technology Symposium, Las Vegas, NV, USA, 28 February 2004
470. "Heart Valve Surgery Today: Implications for Indications"
Friday Medical Conference, St. Peter's Hospital, Helena, MT, USA, 5 March 2004
471. Lessons from the World: Taped Cases on Valvular Heart Disease
American College of Cardiology Annual Scientific Session 2004, New Orleans, Louisiana, USA 8 March 2004
472. "The Scientific Basis of Mitral Valve Repair"
LeHigh Valley Hospital, Allentown, PA, USA, 6 April 2004
473. "Heart Valve Surgery Today: Implications for Indications"
Harrisburg, PA, USA, 6 April 2004
474. "The Scientific Basis of Mitral Valve Repair"
Harrisburg Hospital/Pinnacle Health System Grand Rounds, Harrisburg, PA, USA, 7 April 2004
475. "The Scientific Basis of Mitral Valve Repair"
The University of Pittsburg Presbyterian Hospital, Pittsburg, PA, USA, 8 April 2004
476. Cardiac Anatomy and Mitral Repair Wet Lab
The University of Pittsburg Presbyterian Hospital, Pittsburg, PA, USA, 8 April 2004
477. "The Scientific Basis of Mitral Valve Repair"
Shady Side Hospital, Pittsburg, PA, USA, 8 April 2004
478. "Insuficiencia Mitral Isquemia Funcional"
Mexican Society of Cardiac Surgery XIII Congreso Internacional de Cirugia Cardiaca, Villahermosa, Tabasco, Mexico, 13 April 2004
479. "Bases Cientificas de la Reparacion Mitral"
Mexican Society of Cardiac Surgery XIII Congreso Internacional de Cirugia Cardiaca, Villahermosa, Tabasco, Mexico, 14 April 2004
480. Mitral Valve Repair with Chordal Replacement Wet Lab
Medtronic In-Booth Presentation. American Association for Thoracic Surgery 84th Annual Meeting, Toronto, ON, Canada, 26 April 2004
481. "Intervention for the Mitral Valve: Is it ever too early? Is it ever too late?"
New Mexico Heart Institute, Albuquerque, NM, 5 May 2004
482. "Benefits of Mitral Valve Repair"
New Mexico Heart Hospital Cardiac Surgery Team, New Mexico Heart Institute, Albuquerque, NM, 6 May 2004
483. "Intervention for the Mitral Valve: Is it ever too early? Is it ever too late?"
Fresno Heart Hospital, Fresno, CA, 6 May 2004
484. "The Scientific Basis of Mitral Valve Repair"
Long Island Jewish Medical Center Grand Rounds, New York, NY, USA, 13 May 2004

485. "Functional Anatomy of the Mitral Valve and Surgical Implications"
Medtronic Cardiac Surgery Residents Program, Minneapolis, MN, USA, 14 May 2004
486. Mitral Valve Wet Lab
Medtronic Cardiac Surgery Residents Program, Minneapolis, MN, USA, 14 May 2004
487. "When is Mitral Repair an Option?"
The Heart of Primary Care 2004: Issues in Cardiology, St. Peter's Hospital, Helena, MT, USA, 22 May 2004
488. Cardiac Anatomy Wet Lab
The Heart of Primary Care 2004: Issues in Cardiology, St. Peter's Hospital, Helena, MT, USA, 22 May 2004
489. "Ischemic Mitral Regurgitation: From Bench to Bedside"
Friday Medical Conference, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 18 June 2004
490. "Centering the Problem of Heart Failure Surgery"
XIV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 21 July 2004
491. "Functional Mitral Regurgitation, Ischemic Mitral Regurgitation, and Heart Rot"
XIV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 21 July 2004
492. Surgical Anatomy Wet Lab
XIV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 21 July 2004
493. "The Scientific Basis of Mitral Valve Repair"
XIV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 22 July 2004
494. Mitral Valve Repair Techniques and Ablation Techniques Wet Lab
XIV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 22 July 2004
495. "The Anatomic Basis of Aortic Root Surgery"
XIV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 23 July 2004
496. "Intervention for the Mitral Valve: Is it Ever Too Early? Is it Ever Too Late?"
The Golf Club at Newcastle, hosted by Dr. Chris Davis of Swedish Hospital, Seattle, WA, USA, 22 September 2004
497. "The International Heart Institute of Montana and Vascular Biology Laboratory"
The University of Montana President's Advisory Council Meeting, Missoula, MT, USA, 27 September 2004
498. "Functional Anatomy and Principles of Mitral Valve Repair"
Valve Disease Options and Outcomes Meeting hosted by Medtronic, Inc. Toronto, ON, Canada, 2 October 2004
499. "The Importance of Flexible Annuloplasty in Mitral Repair"

- Valve Disease Options and Outcomes Meeting hosted by Medtronic, Inc. Toronto, ON, Canada, 2 October 2004
500. Flexible Mitral Annuloplasty Wet Lab
Valve Disease Options and Outcomes Meeting hosted by Medtronic, Inc. Toronto, ON, Canada, 2 October 2004
501. Mitral Valve Wet Lab
Kaiser Permanente Medical Center, Los Angeles, CA, USA, 5 October 2004
502. "Mitral Valve Intervention: Is it Ever Too Early? Is it Ever Too Late?"
Loma Linda University Medical Center, Loma Linda, CA, USA, 6 October 2004
503. "Mitral Valve Intervention: Is it Ever Too Early? Is it Ever Too Late?"
The Lodge at Torrey Pines hosted by Scripps Medical Center, La Jolla, CA, USA, 6 October 2004
504. "When is Mitral Repair and Option?"
The Heart of Primary Care 2004: Issues in Cardiology. St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 6 November 2004
505. Cardiac Anatomy Wet Lab
The Heart of Primary Care 2004: Issues in Cardiology. St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 6 November 2004
506. "The International Heart Institute of Montana and Vascular Biology Laboratory"
Montana University System Board of Regents Meeting, Missoula, MT, USA, 17 November 2004
507. "Open Heart Surgery over the Years"
A Heart Expo. St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 19 February 2005
508. Cardiac Anatomy Wet Lab and TEE Correlations of Cardiac Anatomy
Annual Comprehensive Review & Update of Perioperative Echocardiography – Clinical Decision Making in the Cardiac Surgery Patient. San Diego, CA, USA, 16 February 2005
509. "Chordal Replacement Techniques using the Duran AnCore Annuloplasty System"
Medtronic In-Booth Presentation. American Association for Thoracic Surgery 85th Annual Meeting, San Francisco, CA, USA, 12 April 2005
510. "Complex Lesion: Easy Repair"
Medtronic Dinner Presentation. American Association for Thoracic Surgery 85th Annual Meeting, Ruth's Chris Steak House, San Francisco, CA, USA, 12 April 2005
511. "Anatomy and Physiology: Relevant Features of Semilunar and AV Valves Pertaining to Transcatheter Technologies"
2nd Annual Symposium on New Interventions in Transcatheter Valve Techniques, Chicago, IL, USA, 28 April 2005
512. "From Concept to Human Application: How Much Ignorance Can We Tolerate?"
2nd Annual Symposium on New Interventions in Transcatheter Valve Techniques, Chicago, IL, USA, 28 April 2005
513. "Percutaneous Mitral Valve Repair Will Not Have an Impact on the Treatment of Heart Failure" (Cross Fire Session – Pro Position)
2nd Annual Symposium on New Interventions in Transcatheter Valve Techniques, Chicago, IL, USA, 28 April 2005

514. "IHIMF: Where Do We Stand Today?"
A presentation for the Missoula Kiwanis Club, Florence Building, Missoula, MT, USA, 17 May 2005
515. You Really Are the Surgeon Wet Lab Dissection
American Society of Echocardiography 16th Annual Scientific Sessions, Boston, MA, USA, 15 June 2005
516. "Complex Lesion Easy Repair"
Medtronic Dinner Presentation during the 3rd Triennial Society of Heart Valve Disease Meeting, Vancouver, BC, Canada, 18 June 2005
517. "IHIMF: Where Do We Stand Today?"
A presentation for the Missoula Exchange Club, The Press Box Meeting Room, Missoula, MT, USA, 30 June 2005
518. "Centering the Problem"
XV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 13 July 2005
519. Surgical Anatomy Wet Lab
XV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 13 July 2005
520. "Contemporary Techniques of Mitral Valve Repair"
XV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 14 July 2005
521. Mitral Valve Repair Techniques Wet Lab
XV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 14 July 2005
522. "The Anatomic Basis of Aortic Surgery"
XV Rocky Mountain Valve Symposium, St. Patrick Hospital and Health Sciences Center, Missoula, MT, USA, 15 July 2005
523. "The Life of a Peripatetic Cardiac Surgeon"
European Resident's Meeting 2005, 4th European Association of Cardio-Thoracic Surgery/European Society of Thoracic Surgeons Joint Meeting, Barcelona, Spain, 25 September 2005
524. "Chordal Replacement Techniques using the Duran AnCore System"
Medtronic In-Booth Presentation at the 4th European Association of Cardio-Thoracic Surgery/European Society of Thoracic Surgeons Joint Meeting, Barcelona, Spain, 27 September 2005
525. "Surgical Anatomy and Function of the Aortic Root"
The 1st Athens Live Surgery Aortic Root Symposium, Athens, Greece, 29 September 2005
526. "The Scientific Basis of Mitral Valve Repair"
Medtronic Dinner Presentation, Hilton Scottsdale Resort, Scottsdale, AZ, USA, 11 October 2005
527. "Ischemic Mitral Regurgitation: Mechanisms and Treatment"
5th Triennial Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, MA, USA, 28 October 2005

528. "Principles of Mitral Valve Repair: Rheumatic Heart Disease"
5th Triennial Brigham Cardiac Valve Symposium, Harvard Medical School, Boston, MA, USA, 28 October 2005
529. Anatomy of the Mitral Valve Lecture and Wet Lab
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
530. "Techniques of Valve Repair"
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
531. Surgical Techniques Wet Lab
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
532. "Functional Ischemic Mitral Regurgitation"
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
533. "Results and Complications"
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
534. "Indications to Repair or Replace the Diseased Mitral Valve"
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
535. Chordal Replacement Wet Lab
Medtronic Mitral Valve Repair Workshop, Orlando, FL, USA, 4 November 2005
536. "Anatomic Basis of Mitral Valve Repair"
Advanced Mitral Repair Symposium, Cliniques Universitaires Saint-Luc, Bruxelles, Belgium, 8-9 December 2005
537. "Mitral Valve Repair Techniques"
Advanced Mitral Repair Symposium, Cliniques Universitaires Saint-Luc, Bruxelles, Belgium, 8-9 December 2005
538. "Indications, Techniques, & Results of Mitral Repair in Ischemic Mitral Regurgitation"
Advanced Mitral Repair Symposium, Cliniques Universitaires Saint-Luc, Bruxelles, Belgium, 8-9 December 2005
539. "Surgical Mitral Repair for 'Functional' Ischemic Regurgitation"
XX Interamerican Congress of Cardiology/XXIV National Congress of Cardiology Precongress Course 7-Heart Surgery, Cancun, Mexico, 28 January 2006
540. "Surgery for Ischemic Mitral Regurgitation"
XX Interamerican Congress of Cardiology/XXIV National Congress of Cardiology Symposium 1-Surgical Cardiology, Cancun, Mexico, 29 January 2006

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2. EXPERIENCE WITH HETEROGRAFTS
CMG Duran
In: Current Status of Cardiac Surgery, DB Longmore (Ed), Medical and Technical Publishing Company Ltd., Lancaster, England, pp 246-252, 1975
3. ESQUEMAS DE CIRUGIA TORACICA Y CARDIOVASCULAR VOL. I
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4. ESQUEMAS DE CIRUGIA TORACICA Y CARDIOVASCULAR VOL. II
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5. HETEROLOGOUS PERICARDIUM FOR THE CLOSURE OF PERICARDIAL DEFECTS
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In: YearBook of Cardiovascular and Renal Disease, YearBook Med Publishers, Chicago, IL, USA, 1978
6. RECONSTRUCTIVE PROCEDURES OF THE MITRAL VALVE INCLUDING RING ANNULOPLASTY
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8. MITRAL RECONSTRUCTION IN PREDOMINANT MITRAL STENOSIS
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9. CONSERVATIVE SURGERY OF THE MITRAL VALVE. RING ANNULOPLASTIES
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10. INSUFFISANCE TRICUSPIDIENNE
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11. CIRUGIA CONSERVADORA DE LA VALVULA MITRAL
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12. ALTERNATIVAS DE FUTURO
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 13. TRICUSPID COMMISSUROTOMY
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 15. TISSUE VALVES
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 16. RECONSTRUCTIVE TECHNIQUES FOR RHEUMATIC AORTIC VALVE DISEASE
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 17. PLASTIAS VALVULARES
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 19. REOPERATIONS ON THE MITRAL AND TRICUSPID VALVES
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 20. TRICUSPID VALVE REPAIR
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 21. ACQUIRED DISEASE OF THE MITRAL VALVE
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 22. TECHNICAL ASPECTS AND CLINICAL EXPERIENCE OF MITRAL RECONSTRUCTION IN ISCHEMIC MITRAL INCOMPETENCE
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25. SURGICAL RECONSTRUCTION OF CARDIAC VALVES
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30. RECONSTRUCTIVE SURGERY FOR ACQUIRED AORTIC VALVE DISEASE
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4. EL DUPLICADOR CARDIACO
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5. A METHOD FOR PLACING A TOTAL HEMOLOGOUS AORTIC VALVE IN THE SUBCORONARY POSITION
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176. ESTUDIO ANGIOGRAFICO DE LA DINAMICA NORMAL Y PATOLOGICA DEL ANILLO E INSERCIÓN TRICUSPÍDEO
A Figueroa, JL Ubago, T Colman, J Soto, L Quindos, CMG Duran
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177. RECONSTRUCCION DE LA VIA BILIAR PRINCIPAL CON DERMIS PORCINA ESTABILIZADA EN GLUTARALDEHIDO
M Morales, D Casanova, M Gomez-Fleitas, R Martinez, F Fernandez, F Val, CMG Duran
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178. TRATAMIENTO QUIRURGICO DE LA COMUNICACION INTERAURICULAR DE TIPO OSTIUM SECUNDUM, DESPUES DE LA INFANCIA: ESTUDIO DE 72 CASOS
D Duran, MF Carrion, JA Gutierrez, JM Revuelta, JL Vega, CMG Duran
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179. INFLUENCE OF LEFT ATRIAL COMPLIANCE IN THE SELECTION OF A MITRAL VALVE PROSTHESIS
CMG Duran
3rd International Symposium on the St. Jude Medical Heart Valve, Scottsdale, Arizona, November 1982
180. SURGICAL INDICATIONS FOR FUNCTIONAL TRICUSPID INSUFFICIENCY BASED ON THE ANGIOGRAPHIC DYNAMIC STUDY OF THE TRICUSPID ANNULUS
JL Ubago, A Figueroa, T Colman, A Ochoteco, CMG Duran
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181. PROSTHETIC CARDIAC VALVE RE-REPLACEMENT: A REVIEW OF 100 CONSECUTIVE CASES
JM Revuelta, JI Gallo, A Ochoteco, CMG Duran
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182. STABILITY OF RECONSTRUCTIVE MITRAL VALVE SURGERY: 8 YEAR FOLLOW-UP OF THE DURAN FLEXIBLE RING ANNULOPLASTY
CMG Duran, F Nistal, JM Revuelta, J Valle, JI Gallo, JL Ubago
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183. FALLO VALVULAR PRIMARIO EN LAS BIOPROTESIS PORCINAS TRATADAS CON GLUTARALDEHIDO
JI Gallo, J Zueco, F Nistal, JA Gutierrez, MF Carrion, JL Vega, CMG Duran
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184. ANEURISMAS DE AORTA ASCENDENTE: TRATAMIENTO QUIRURGICO Y RESULTADOS
JA Gutierrez, F Nistal, JI Gallo, CMG Duran
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185. FACTORES DE RIESGO TROMBOEMBOLICO TRAS ANULOPLASTIA FLEXIBLE
F Nistal, JI Gallo, CMG Duran
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186. SUSTITUCION VALVULAR AORTICA AISLADA POR BIOPROTESIS -- RESULTADOS A LOS 8 ANOS DE SEGUIMIENTO
J Zueco, JI Gallo, F Nistal, JM Revuelta, CMG Duran
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187. INCIDENCIA Y MANIFESTACIONES CLINICAS DEL FALLO VALVULAR PRIMARIO EN LAS BIOPROTESIS PORCINAS
JI Gallo, J Zueco, F Nistal, JM Revuelta, CMG Duran
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188. HEMODYNAMIC BEHAVIOUR OF THE HANCOCK BIOPROSTHESIS IN THE MITRAL POSITION 8 YEARS AFTER IMPLANTATION
JL Ubago, A Figueroa, JI Gallo, CMG Duran
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189. CARDIAC REOPERATIONS: A NEW CHALLENGE?
W Bircks, J Fraile, CMG Duran, J Ochsner
XXXIII Congress of the European Society for Cardiovascular Surgery, Madrid, September 1984
190. VALVE RECONSTRUCTION PROCEDURES
CMG Duran
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191. CIRUGIA CONSERVADORA DE LA VALVULA MITRAL
CMG Duran
International Symposium on Advances in Cardiovascular Therapy, Barcelona, October 1984
192. CIRUGIA DE LA VALVULA TRICUSPIDE
CMG Duran
VI Reunion Cientifica Astur Galaica de Cardiologia, Oviedo, January 1985
193. EARLY RESULTS OF THE MITROFLOW VALVE
PH Deverall, JM Revuelta, B Gometza, CMG Duran
3rd International Symposium on Cardiac Bioprosthesis, London, May 1985

194. PRIMARY TISSUE FAILURE IN BIOPROSTHETIC GLUTARALDEHYDE PRESERVED HEART VALVES. BOVINE PERICARDIAL VERSUS PORCINE TISSUE IN THE MID TERM
F Nistal, E Garcia-Satue, E Artinano, JM Revuelta, CMG Duran, JI Gallo
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195. THE IONESCU-SHILEY PERICARDIAL VALVE IN THE SMALL AORTIC ANNULUS: A 7-YEAR EXPERIENCE
JM Revuelta, R Garcia-Rinaldi, JL Ubago, CMG Duran
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196. DEGENERACION TISULAR PRIMARIA EN LAS BIOPROTESIS PORCINAS TRATADAS CON GLUTARALDEHIDO -- HANCOCK I FRENTE A CARPENTIER-EDWARDS EN POSICION MITRAL
F Nistal, MF Carrion, E Artinano, CMG Duran, JI Gallo
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197. EXPERIMENTAL USE OF A NEW REABSORBABLE ANNULOPLASTY RING IN THE TRICUSPID POSITION
CMG Duran, JM Revuelta, F Val
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198. BIOPROSTHETIC VALVE RE-REPLACEMENT
JM Revuelta, R Blasquez, CMG Duran
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199. RESULTADOS HEMODINAMICOS DE LA ANULOPLASTIA MITRAL EN RELACION CON LA CALIDAD DEL APARATO VALVULAR
JL Ubago, A Figueroa, T Colman, F Nistal, J Zueco, A Torres, CMG Duran
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200. CURRENT STATUS OF PULMONARY EMBOLECTOMY: PRESENT AND FUTURE
JA Gutierrez, JI Gallo, JM Revuelta, JL Vega, MF Carrion, CMG Duran
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201. THE MITRAL VALVE: A WORKSHOP ON RECONSTRUCTIVE TECHNIQUES
CMG Duran
3rd Annual International Symposium on the Mitral Valve, Riyadh, 1986
202. PROTESIS VALVULAR BIOLOGICA VERSUS MECANICA
CMG Duran
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203. VALVULOPATIA MITRAL PERCUTANEA CON BALON EN ESTENOSIS MITRAL REUMATICA: EXPERIENCIA INICIAL
JL Ubago, T Colman, A Figueroa, JA Vazquez de Prada, N Larman, JR Berrazueta, A Ochoteco, CMG Duran
X Congreso Luso-Espanhol de Cardiologia, III Congreso Ibero-Americano de Cardiologia, IV Symposium Luso-Brasileiro de Cardiologia, Lisbon, March 1986
204. TRASPLANTE CARDIACO -- EXPERIENCIA DE SANTANDER SYMPOSIUM SOBRE TRASPLANTE CARDIACO

- CMG Duran
VIII Congreso Nacional de la Sociedad Espanola de Cirugia Cardiovascular, Cordoba, 4-7 June 1986
205. DEGENERESCENCE TISSULAIRE DES BIOPROTHESES
CMG Duran, E Artinano, F Nistal, JI Gallo
Societe de Chirurgie Thoracique et Cardio-Vasculaire de Langue Francaise, Paris, 13-14 June 1986
206. PERFORMANCE OF THE IONESCU-SHILEY PERICARDIAL VALVE IN THE AORTIC POSITION: 100 MONTHS CLINICAL EXPERIENCE
JM Revuelta, CMG Duran
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207. MITROFLOW HEART VALVE: EARLY CLINICAL EXPERIENCE
JM Revuelta, J Alonso, CMG Duran
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208. LA CHIRURGIE DE RECONSTRUCTION VALVULAIRE
CMG Duran, Guest Speaker
Journee de Cardiologie, la Chirurgie Cardiaque de l'adulte 1986, Bruxelles, 6 September 1986
209. TRASPLANTE HEPATOCELULAR ALOGENICO EN EL FALLO HEPATICO AGUDO. ESTUDIO COMPARATIVO A NIVEL ESPLENICO, PERITONEAL Y PULMONAR EN RATAS WISTAR
M Morales, D Casanova, M Gomez-Fleitas, L Herrera, F Fernández, F Garijo, CMG Duran
IV Congreso Nacional de la Sociedad Espanola de Investigaciones Quirurgicas, Santander, 15-16 September 1986
210. SUSTITUCION DE CUERDAS TENIDNOSAS DE LA VALVULA MITRAL CON SUTURA DE GORE-TEX: ESTUDIO EXPERIMENTAL EN OVEJAS
JM Revuelta, L Gaité, F Val, J Alonso, G Riancho, CMG Duran
IV Congreso Nacional de la Sociedad Espanola de Investigaciones Quirurgicas, Santander, 15-16 September 1986
211. ANULOPLASTIA TRICUSPIDEA CON ANILLO REABSORBIBLE: ESTUDIO EXPERIMENTAL
JM Revuelta, F Val, CMG Duran
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212. REVASCULARIZACION MIOCARDICA MEDIANTE RETROPERFUSION DEL SISTEMA VENOSO CORONARIO: ESTUDIO EXPERIMENTAL
A Garcia, JM Revuelta, F Val, F Garijo, C Alonso, M Gomez-Fleitas, JL Ubago, CMG Duran
IV Congreso Nacional de la Sociedad Espanola de Investigaciones Quirurgicas, Santander, 15-16 September 1986
213. SISTEMA DE ASISTENCIA CIRCULATORIA TOTALMENTE IMPLANTABLE: ESTUDIO EXPERIMENTAL EN OVEJA
CMG Duran, JM Revuelta, JA Gutierrez, M Gomez-Fleitas, G Riancho, J Alonso
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214. ESTUDIO DE UN METODO EXPERIMENTAL DE PURIFICACION DEL TEJIDO PANCREATICO CANINO -- RESULTADOS PRELIMINARES

- L Herrera, M Morales, D Casanova, M Gomez-Fleitas, JA Amado, F Hernanz, A Toledo, F Val, CMG Duran
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215. CARDIAC VALVULAR BIOPROSTHESIS: BOVINE VS PORCINE VALVES
CMG Duran
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216. CEC Y MANEJO INTRAOPERATORIO DURANTE LA CIRUGIA CARDIACA ABIERTA EN UN MODELO EXPERIMENTAL
J Alonso, G Riancho, JM Revuelta, L Gaité, F Garijo, CMG Duran
XVIII Congreso Nacional de Anestesiología y Reanimación, Santander, 3-4 October 1986
217. SOPORTE CIRCULATORIO TEMPORAL A PACIENTES EN FALLO VENTRICULAR IZQUIERDO POR DISFUNCION MIOCARDICA O COMO TERAPIA DE MANTENIMIENTO HASTA EL TRASPLANTE CARDIACO
G Riancho, JM Revuelta, CMG Duran, L Gaité, JC Cagigas
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218. ANESTESIA Y CEC EN EL PERRO: FACTORES QUE INFLUYEN EN LA MORTALIDAD POSTOPERATORIA
J Alonso, G Riancho, L Gaité, JM Revuelta, JC Cagigas, CMG Duran
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219. EL PROBLEMA DE LA DURABILIDAD EN LAS PROTESIS VALVULARES CARDIACAS: ESTUDIO EXPERIMENTAL EN LA OVEJA JOVEN
JI Gallo, F Nistal, G Solares, E Artinano, D Fernández, V Garcia, R Blasquez, E Arbe, MF Carrion, CMG Duran
XIV Jornadas Internacionales de Actualización Cardiovascular, Madrid, 4 December 1986
220. BIOPROTESIS DE PERICARDIO EN POSICION AORTICA
JM Revuelta, CMG Duran
XVIII Congreso del Capitulo Latinoamericano, International Society for Cardiovascular Surgery, Montevideo, Uruguay, November 1986
221. CIRUGIA CONSERVADORA DE LA VALVULA MITRAL MEDIANTE SUSTITUCION PROTESICA DE LAS CUERDAS TENDINOSAS
JM Revuelta, R Garcia-Rinaldi, L Gaité, F Val, CMG Duran
XVIII Congreso del Capitulo Latinoamericano, International Society for Cardiovascular Surgery, Montevideo, Uruguay, November 1986
222. LONG TERM BEHAVIOR OF THE PERICARDIAL VALVES
CMG Duran
International Heart Valve Replacement Symposium, Lanzarote, Islas Canarias, 11-14 January 1987
223. MITRAL VALVE RECONSTRUCTION
CMG Duran
36th Annual Scientific Session, American College of Cardiology, New Orleans, 8-12 March 1987
224. A COMPARISON OF REPLACEMENT AND RECONSTRUCTION IN PATIENTS WITH MITRAL REGURGITATION
Discussion of paper by WW Angell et al
66th Annual Meeting of the American Association for Thoracic Surgery, New York, 28-30 April, 1987

225. A NEW TECHNIQUE FOR MULTIORGAN HARVESTING IN BLOCK AND ORGAN PRESERVATION BY AUTOPERFUSSION SYSTEM FOR ORGAN TRANSPLANTATION -- AN EXPERIMENTAL STUDY
MG Fleitas, C Moreno, M Morales, L Herrera, D Casanova, JM Revuelta, G Solares, B Casanueva, CMG Duran
III Congress European Society for Organ Transplantation, Gottenburg, 11-13 June 1987
226. LONG TERM RESULTS OF CONSERVATIVE REPAIR OF THE RHEUMATIC AORTIC VALVE INSUFFICIENCY
CMG Duran, JM Revuelta, J Alonso, JC Cagigas, L Gaité, C Alonso, L Marce, MG Fleitas
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227. CULTURED MITRAL VALVE CHORDAE TENDINAE: AN EXPERIMENTAL STUDY
JM Revuelta, L Gaité, F Val, F Garijo, C Alonso, J Alonso, MG Fleitas, RG Rinaldi, CMG Duran
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228. MITRAL VALVE ANNULOPLASTY WITH THE DURAN FLEXIBLE RING: 10 YEARS LATER
JM Revuelta, L Gaité, C Alonso, MG Fleitas, J Alonso, CMG Duran
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229. MULTIPLE REOPERATIONS IN VALVULAR SURGERY
M Gomez Fleitas, J Merino, JM Revuelta, JL Vega, JA Gutierrez, C Alonso, L Gaité, A Lequerica, L Herrera, CMG Duran
European Cardiothoracic Society, Bordeaux, France, 9-11 September, 1988
230. ESTUDIO EVOLUTIVO MORFOLOGICO DEL RECHAZO EN EL XENOTRASPLANTE CARDIACO
J Alonso, JM Diaz, MG Fleitas, F Val, F Fernandez, F Garijo, JM Revuelta, CMG Duran
V Congress Soc Esp Invest, Quir, Spain, October, 1988
231. ESTUDIO DE LA IRRADIACION LINFOIDE TOTAL (ILT) COMOTRATAMIENTO INMUNOSUPRESOR EN EL XENOTRASPLANTE CARDIACO
J Alonso, JM Diaz, JC Menendez, MG Fleitas, F Val, E De Bonis, M Arias, F Fernandez, F Garijo, CMG Duran
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232. MITRAL VALVE RECONSTRUCTION
CMG Duran
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233. MITRAL VALVE RECONSTRUCTION
CMG Duran
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234. HEMODYNAMIC PURPOSE OF THE SUPRAAORTIC RIDGE IN THE CLOSURE MECHANISM OF THE NORMAL AORTIC VALVE
CMG Duran
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235. THE VALUE OF SUPRAAORTIC CREST ENHANCEMENT IN AORTIC VALVE REPAIR
S Balasundaram, CMG Duran, S Bianchi, N Wilson, ME Fawzy
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236. RESULTS OF RECONSTRUCTION IN ISCHEMIC MITRAL REGURGITATION
PJ Maguire, W Angell, FW Mayer, CMG Duran, JH Oury
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237. EPICARDIAL DOPPLER ECHOCARDIOGRAPHY AS A GUIDE TO ASSESS FUNCTIONAL RESULTS INTRAOPERATIVELY
ZY Al Halees, O Galal, J Abu-Koash, C Duran
Abstract presented at the International Symposium on Surgery for Heart Valve Disease, London, England, 12 - 16 June 1989
238. TEMPORARY TRICUSPID ANNULOPLASTY
S Balasundaram, CMG Duran, S Bianchi, R Ahmad, P Herdson
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239. CARDIOPULMONARY BYPASS IN SICKLE CELL HAEMOGLOBINOPATHIES
S Balasundaram, Z Al Halees, CMG Duran, M Kassay
3rd Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 21 February 1990
Published: Bull Saudi Heart Assoc 1990;2(2):95-96
240. THE PLACE OF AORTIC VALVE RECONSTRUCTION IN A YOUNG POPULATION
N Kumar, B Gometza, Z Al-Halees, C Duran
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241. INTRAOPERATIVE ASSESSMENT OF THE AORTIC VALVE BY ECHO/DOPPLER CARDIOGRAPHY
EN Mercer, ME Fawzy, Z Al Halees, O Galal, W Andaya, CMG Duran
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242. THE SCOPE OF VALVE REPAIR IN A PEDIATRIC POPULATION
O Galal, B Gometza, Z Al Halees, S Balasundaram, CMG Duran
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Published: Pediatr Cardiol 1990;11(4):254
243. DECISION MAKING IN CHILDREN WITH VENTRICULAR SEPTAL DEFECT WITH DOPPLER ECHOCARDIOGRAPHY
O Galal, Z Al Halees, J Abu Koash, L Solymar, W Andaya, CMG Duran
XXV Annual General Meeting of the Association of the European Pediatric Cardiologists, Oslo, Norway, 12 - 15 June 1990
244. REDUCTION OF HYPOXIA INDUCED PULMONARY HYPERTENSION BY MAGNESIUM SULPHATE IN SHEEP
YK Abu-Osba, D Rhydderch, S Balasundaram, O Galal, A Rejjal, Z Al Halees, CMG Duran
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245. MG++ REDUCES HYPOXIA-INDUCED PULMONARY HYPERTENSION (HIPH) IN SHEEP
YK Abu-Osba, D Rhydderch, S Balasundaram, O Galal, A Rejjal, Z Al Halees, CMG Duran
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246. TRICUSPID REABSORBABLE ANNULOPLASTY
S Balasundaram, R Muthusamy, S Bianchi, D Rhydderch, PB Herdson, CMG Duran
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247. DOPPLER ECHOCARDIOGRAPHIC ASSESSMENT OF VALVE AREA IN PATIENTS WITH AORTIC STENOSIS, SIMULTANEOUS DOPPLER CATHETER CORRELATIVE STUDY
ME Fawzy, L Zaman, A Shaikh, M Al Amri, W Andaya, CMG Duran
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248. THE FEASIBILITY OF VALVE REPAIR IN THE YOUNG
N Kumar, B Gometza, Z Al Halees, CMG Duran
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249. TRIPLE VALVE SURGERY IN CHILDREN
O Galal, N Kumar, B Gometza, F Al Fadley, Z Al Halees, CMG Duran
4th Annual meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Turkey, 23-27 September 1990
250. THE SCOPE AND PRICE OF VALVE REPAIR SURGERY
N Kumar, B Gometza, Z Al Halees, CMG Duran
4th Annual meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Turkey, 23-27 September 1990
251. THE RELIABILITY OF DOPPLER ECHOCARDIOGRAPHY IN ASSESSING THE INDICATIONS FOR SURGERY IN CHILDREN WITH VSD
O Galal, Z Al Halees, ME Fawzy, F Fadley, CMG Duran
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252. FEASIBILITY AND PENALTIES OF VALVE REPAIR IN RHEUMATIC MITRAL REGURGITATION
CMG Duran, S Balasundaram, B Gometza, Z Al-Halees
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253. THE SCOPE OF AORTIC VALVE REPAIR
CMG Duran, B Gometza, N Kumar, S Bianchi, Z Al Halees
63rd Scientific Session of the American Heart Association, Dallas, Texas, 12-15 November 1990
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254. INDICATIONS AND LIMITS OF AORTIC VALVE RECONSTRUCTION
CMG Duran, N Kumar, B Gometza, Z Al Halees
27th Annual meeting of the Society of Thoracic Surgeons, San Francisco, California, 18-20 February, 1991
255. LONG TERM RESULTS OF PULMONARY BALLOON VALVULOPLASTY IN ADULTS
ME Fawzy, B Dunn, A Shaikh, L Zaman, O Galal, CMG Duran
18th Annual meeting of the Egyptian Society of Cardiology, 18-22 February 1991

256. MITRAL VALVULOPLASTY USING THE INOUE BALLOON TECHNIQUE: KING FAISAL SPECIALIST HOSPITAL EXPERIENCE
ME Fawzy, PA Ribeiro, B Dunn, A Shaikh, L Zaman, O Galal, CMG Duran
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257. LATE RESULTS OF COARCTATION BALLOON ANGIOPLASTY IN ADULTS
ME Fawzy, B Dunn, A Shaikh, L Zaman, O Galal, CMG Duran
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258. SURGICAL MANAGEMENT OF DISCRETE MEMBRANOUS SUBAORTIC STENOSIS - FIVE YEAR EXPERIENCE
18th Annual meeting of the Egyptian Society of Cardiology, 18-22 February 1991
259. THE OUTCOME OF TRIPLE VALVE SURGERY IN 17 CHILDREN AND ADOLESCENTS
O Galal, F Al Fadley, B Gometza, N Kumar, Z Al Halees, CMG Duran
18th Annual meeting of the Egyptian Society of Cardiology, 18-22 February 1991
260. PROBLEMS OF VALVE REPAIR IN RHEUMATIC MITRAL REGURGITATION
S Balasundaram, B Gometza, Z Al Halees, CMG Duran
18th Annual meeting of the Egyptian Society of Cardiology, 18-22 February 1991
261. TRICUSPID VALVE SURGERY AT KING FAISAL SPECIALIST HOSPITAL
S Balasundaram, R Muthusamy, B Gometza, CMG Duran
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262. VALIDATION OF PREOPERATIVE ECHO FINDINGS IN PATIENTS UNDERGOING MITRAL VALVE REPAIR
J Maalouf, CMG Duran, R Gallo, M Stefadouros
American College of Cardiology, 40th Annual Scientific Session, Atlanta, Georgia, 3-7 March 1991
Published: J Am Coll Cardiol 1991;17(2):142A
263. ISCHEMIC MITRAL VALVE DISEASE: A CLASSIFICATION AND SYSTEMATIC APPROACH TO MANAGEMENT
JH Oury, J Cleveland, W Angell, CMG Duran
71st Annual meeting of the American Association for Thoracic Surgery, 6-8 May 1991
264. CIRUGIA RECONSTRUCTIVA DE LA VALVULA AORTICA EN LOS JOVENES (Poster)
R Gallo, B Gometza, N Kumar, Al Halees, CMG Duran
VI Congreso de la Societat Catalana de Cirurgia Cardiaca, Barcelona, Spain, 22-23 May 1991
265. AORTIC VALVE CUSP EXTENSION
N Kumar, B Gometza, R Gallo, CMG Duran
V International Symposium on Cardiac Bioprostheses, Avignon, France, 24-27 May 1991
266. TRICUSPID SURGERY - AN ONGOING CHALLENGE
S Balasundaram, R Muthusamy, B Gometza, CMG Duran
4th Annual Conference of the Association of Thoracic and Cardiovascular Surgeons of India, Bombay, India, 13-16 June 1991
267. THE PRICE AND PENALTIES OF MITRAL REPAIR IN A RHEUMATIC POPULATION
S Balasundaram, B Gometza, Z Al Halees, CMG Duran
4th Annual Conference of the Association of Thoracic and Cardiovascular Surgeons of India, Bombay, India, 13-16 June 1991

268. A RETROSPECTIVE STUDY OF CORONARY ARTERY DISEASE IN AORTIC STENOSIS IN A DEVELOPING COUNTRY
R Muthusamy, S Balasundaram, B Gometza, CMG Duran
4th Annual Conference of the Association of Thoracic and Cardiovascular Surgeons of India, Bombay, India, 13-16 June 1991
269. CALCIFICATION OF SUBCUTANEOUS AUTOLOGOUS PERICARDIUM
S Balasundaram, S Bianchi, R Ahmed, PB Herdson, CMG Duran
4th Annual Conference of the Association of Thoracic and Cardiovascular Surgeons of India, Bombay, India, 13-16 June 1991
270. COMPLICATION AFTER MITRAL BALLOON VALVOTOMY USING THE INOUE BALLOON TECHNIQUE
ME Fawzy, PA Ribeiro, E Mercer, B Dunn, O Galal, L Zaman, CMG Duran
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Published: Eur Heart J 1991;12:249
271. LATE RESULTS OF COARCTATION BALLOON ANGIOPLASTY IN ADULTS
ME Fawzy, B Dunn, O Galal, N Wilson, A Shaikh, PA Ribeiro, CMG Duran
XIII Congress of the European Society of Cardiology, Amsterdam, The Netherlands, 18-22 August 1991
Published: Eur Heart J 1991;12:282
272. TRICUSPID REGURGITATION ASSESSED BY ECHO/DOPPLER AFTER TRICUSPID VALVE REPAIR USING THE DURAN FLEXIBLE RING: IMMEDIATE RESULTS AND AT ONE-YEAR FOLLOW-UP
PA Ribeiro, E Mercer, Al Abdan, Z Al Halees, B Gometza, CMG Duran
XIII Congress of the European Society of Cardiology, Amsterdam, The Netherlands, 18-22 August 1991
273. AORTIC VALVE REPAIR
CMG Duran, B Gometza, N Kumar, Z Al Halees
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274. EARLY AND INTERMEDIATE RESULTS OF MITRAL BALLOON VALVOTOMY IN CHILDREN AND ADULTS USING THE INOUE BALLOON CATHETER
ME Fawzy, PA Ribeiro, B Dunn, O Galal, A Shaikh, L Mimish, CMG Duran
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275. DO WE NEED TO CATHETERIZE PATIENTS WITH AORTIC STENOSIS?
ME Fawzy, L Zaman, A Shaikh, W Andaya, CMG Duran
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276. COARCTATION BALLOON ANGIOPLASTY IN ADULTS. EARLY AND INTERMEDIATE TERM RESULTS
ME Fawzy, B Dunn, O Galal, N Wilson, A Shaikh, PA Ribeiro, CMG Duran
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277. TRICUSPID VALVE SURGERY IN A RHEUMATIC POPULATION
S Balasundaram, O Galal, B Gometza, CMG Duran

- 5th Annual meeting of the Mediterranean Association of Cardiology and Cardiac Surgery,
Alexandria, Egypt, 23-27 September 1991
278. MITRAL VALVE REPAIR VS REPLACEMENT - SHORT TERM FOLLOW-UP. KING FAISAL
SPECIALIST HOSPITAL EXPERIENCE
S Balasundaram, O Galal, B Gometza, N Kumar, R Muthusamy, CMG Duran
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Alexandria, Egypt, 23-27 September 1991
279. AORTIC VALVE REPAIR
CMG Duran, B Gometza, N Kumar, Z Al Halees
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280. SURGICAL MANAGEMENT OF DISCRETE MEMBRANOUS SUBAORTIC STENOSIS
Z Al Halees, O Galal, J Abu Koash, N Wilson, CMG Duran
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281. CARDIOPULMONARY BYPASS IN SICKLE CELL HEMOGLOBINOPATHIES: REPORT OF
FIVE CASES
S Balasundaram, Z Al Halees, CMG Duran, M Kassay
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282. MITRAL VALVE REPAIR VERSUS REPLACEMENT IN A PREDOMINANTLY RHEUMATIC
POPULATION. SHORT TERM FOLLOW-UP RESULTS
S Balasundaram, B Gometza, R Muthusamy, CMG Duran
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283. COARCTATION BALLOON ANGIOPLASTY IN ADULTS AND ADOLESCENTS: EARLY AND
INTERMEDIATE RESULTS
ME Fawzy, B Dunn, O Galal, N Wilson, A Shaikh, CMG Duran
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Cardiovascular Diseases, Jeddah, Saudi Arabia, 19-20 February 1992
284. MITRAL BALLOON VALVOTOMY USING THE INOUE BALLOON CATHETER: KING FAISAL
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ME Fawzy, PA Ribeiro, L Mimish, A Shaikh, M Awad, F El Deeb, CMG Duran
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285. VALUE OF DOPPLER ECHOCARDIOGRAPHY IN CALCULATING AORTIC VALVE AREA IN
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CORRELATION STUDY
ME Fawzy, M Awad, F El Deeb, W Andaya, CMG Duran
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286. HISTORY OF ALLOGRAFT AORTIC VALVE AND CURRENT PROCUREMENT AT KING
FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTRE
F Khouqeer, Z Al Halees, A Al Sanei, CMG Duran
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287. CURRENT USE OF ALLOGRAFT AORTIC VALVES

- F Khouqeer, Z Al Halees, A Al Sanei, CMG Duran
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288. HIGH RISK ELECTIVE CORONARY ANGIOPLASTY WITH PERCUTANEOUS PORTABLE CARDIOPULMONARY BYPASS SUPPORT IN THE CARDIAC CATHETERIZATION LABORATORY
L Mimish, PA Ribeiro, A Shaikh, B Dunn, L Zaman, ME Fawzy, Z Al Halees, F Khouqeer, A Al Sanei, CMG Duran
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289. RESULTS OF INOUE BALLOON VALVOTOMY IN PREGNANT PATIENTS WITH SEVERE MITRAL STENOSIS
ME Fawzy, PA Ribeiro, M Awad, B Dunn, CMG Duran
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290. COMPLICATIONS IN 100 CONSECUTIVE PATIENTS UNDERGOING MITRAL BALLOON VALVOTOMY USING THE INOUE BALLOON CATHETER
ME Fawzy, PA Ribeiro, L Mimish, A Shaikh, M Awad, F El Deeb, CMG Duran
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291. ACCURACY OF DOPPLER ECHOCARDIOGRAPHY IN CALCULATING AORTIC VALVE AREA IN PATIENTS WITH AORTIC STENOSIS: SIMULTANEOUS DOPPLER AND CATHETER CORRELATION STUDY
ME Fawzy, M Awad, F El Deeb, W Andaya, CMG Duran
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292. EXPERIENCE WITH MODIFIED FONTAN PROCEDURE AT THE KING FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTRE
J Abu Koash, Z Al Halees, O Galal, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
293. SEMILUNAR VALVE ANNULOPLASTY STENTS: FEASIBILITY STUDY ON SHEEP IN PULMONARY POSITION
R Gallo, N Kumar, G Prabhakar, L Ali, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
294. TRICUSPID VALVE SURGERY: A THREE-YEAR EXPERIENCE
N Kumar, R Gallo, Z Al Halees, F Khouqeer, B Gometza, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
295. A NEW TANTALUM CORONARY STENT (STRECKER): EARLY EXPERIMENTAL RESULTS AND FOLLOW-UP TO 12 MONTHS
PA Ribeiro, RE Gallo, JM Antonius, L Mimish, R Sriram, R Muthusamy, S Bianchi, CMG Duran
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296. TRANSCATHETER CLOSURE OF PATENT DUCTUS ARTERIOSUS: COMPARISON BETWEEN CHILDREN AND ADULTS
O Galal, N Wilson, F Al Fadley, CMG Duran
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297. INTERMEDIATE-TERM RESULTS OF COARCTATION BALLOON ANGIOPLASTY IN ADULTS
ME Fawzy, B Dunn, O Galal, N Wilson, A Shaikh, CMG Duran

- 4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):164
298. ADVANTAGES OF THE INOUE BALLOON CATHETER IN MITRAL VALVOTOMY
ME Fawzy, P Ribeiro, B Dunn, A Shaikh, M Awad, L Zaman, L Mimish, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):162
299. BALLOON VALVOTOMY FOR PREGNANT PATIENTS WITH SEVERE PLIABLE MITRAL STENOSIS USING THE INOUE TECHNIQUE WITH TOTAL ABDOMINAL AND PELVIC SHIELDING
PA Ribeiro, ME Fawzy, M Awad, B Dunn, CMG Duran
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300. ONE-YEAR FOLLOW-UP RESULTS AFTER MITRAL BALLOON VALVOTOMY USING THE INOUE TECHNIQUE
PA Ribeiro, ME Fawzy, E Mercer, M Awad, B Dunn, L Mimish, M Arafah, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):157
301. SURGERY FOR WOLFF-PARKINSON-WHITE SYNDROME; THE EPICARDIAL APPROACH: EARLY EXPERIENCE AT KING FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTRE
L Zaman, MA Sanei, G Guiraudon, ES Mahmoud, CMG Duran
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Published: J Saudi Heart Assoc 1992;4(3):157-158
302. VALIDATION OF PREOPERATIVE ECHO FINDINGS IN PATIENTS UNDERGOING MITRAL VALVE REPAIR
YF Maalouf, CMG Duran, R Gallo, M Stefadourous
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
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303. ACCURACY OF DOPPLER ECHOCARDIOGRAPHY IN ESTIMATING AORTIC VALVE AREA IN PATIENTS WITH AORTIC STENOSIS: SIMULTANEOUS DOPPLER AND CATHETER CORRELATIVE STUDY
ME Fawzy, A Awad, MF El Deeb, W Andaya, L Zaman, CMG Duran
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Published: J Saudi Heart Assoc 1992;4(3):163-4
304. VALUE AND LIMITATION OF PRESSURE HALF-TIME METHOD IN MEASURING MITRAL STENOSIS AREA
Z Ge, Y Zhang, H Song, S Li, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):173
305. NON-STENTED, PERICARDIAL RECONSTRUCTION OF AORTIC VALVE: A CLINICAL AND ECHOCARDIOGRAPHIC PROFILE
N Kumar, R Gallo, Z Ge, B Gometza, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):159
306. INITIAL EXPERIENCE WITH AORTIC VALVE REPLACEMENT UTILIZING THE PULMONARY VALVE AS AN AUTOGRAFT (THE ROSS OPERATION)
Z Al Halees, F Khouqeer, A Al Sanei, CMG Duran

- 4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):152-153
307. VALVE SURGERY IN A YOUNG, RHEUMATIC POPULATION: AN EXPERIENCE OF 1000 VALVES
N Kumar, B Gometza, S Balasundaram, Z Al Halees, F Khouqeer, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):155
308. ISOLATED MITRAL VALVE SURGERY: A COMPARISON BETWEEN YOUNG AND OLD PATIENTS
O Galal, B Gometza, Z Al Halees, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):161-2
309. SURGICAL MANAGEMENT OF DISCRETE MEMBRANOUS SUBAORTIC STENOSIS
Z Al Halees, O Galal, J Abu Koash, N Wilson, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
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310. REABSORBABLE PULMONARY ARTERY BANDING: FEASIBILITY AND INITIAL RESULTS IN AN ANIMAL MODEL
N Wilson, S Balasundaram, R Gallo, L Ali, B Hainau, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
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311. IMMEDIATE RESULTS AND ONE-YEAR FOLLOW-UP IN 50 PATIENTS AFTER TRICUSPID VALVE RING REPAIR USING THE DURAN FLEXIBLE RING FOR TRICUSPID REGURGITATION: INFLUENCE OF THE UNDERLYING VALVE PATHOLOGY
PA Ribeiro, E Mercer, Z Al Halees, M Al Abdan, B Gometza, CMG Duran
4th Scientific Session of the Saudi Heart Association, Riyadh, Saudi Arabia, 5-7 May 1992
Published: J Saudi Heart Assoc 1992;4(3):155-156
312. ACCURACY OF DOPPLER ECHOCARDIOGRAPHY IN CALCULATING AORTIC VALVE AREA IN PATIENTS WITH AORTIC STENOSIS -- SIMULTANEOUS DOPPLER AND CATHETER CORRELATION STUDY
ME Fawzy, M Awad, F El Deeb, W Andaya, CMG Duran
6th Congress of the International Cardiac Doppler Society, 1-3 May 1992
313. PULMONARY AUTOGRAFT IN THE AORTIC POSITION (THE ROSS OPERATION) -- AN INITIAL EXPERIENCE
N Kumar, G Prabhakar, Z Ge, B Gometza, Z Al Halees, CMG Duran
British Cardiac Society Annual Meeting, Harrogate, England, 27-29 May 1992
314. INTERMEDIATE AND LONG TERM CARDIAC CATHETERIZATION FOLLOW-UP IN CHILDREN UNDERGOING BALLOON DILATATION OF NATIVE COARCTATION OF THE AORTA
O Galal, F Al Fadley, N Wilson, B Gometza, Z Al Halees, H Tamimi, S Heuser, ST Kerst, CMG Duran
XIVth Congress of the European Society of Cardiology, Barcelona, Spain, 30 August - 3 September 1992
315. VALUE OF NUCLEAR MAGNETIC RESONANCE IMAGING IN THE EVALUATION OF INTERMEDIATE TERM RESULTS OF COARCTATION BALLOON ANGIOPLASTY IN ADULTS
ME Fawzy, O Galal, W Sinner, A Rifai, B Dunn, CMG Duran

XIVth Congress of the European Society of Cardiology, Barcelona, Spain, 30 August - 3 September 1992

316. THE RISK OF REOPERATION AFTER AORTIC VALVE REPLACEMENT, REPAIR AND RECONSTRUCTION
CMG Duran, B Gometza, E Saad, M Kandeel
International Society of Cardio-Thoracic Surgery, Third World Congress 1993, Salzburg, Austria, 25-27 January 1993
317. TRANSVENOUS PULMONARY ARTERY BIOPSY: EXPERIMENTAL RESULTS SHEEP
N Wilson, G Prabhakar, B Hainau, L Ali, A Becker, CMG Duran
British Cardiac Annual Meeting, London, England, 18-21 May 1993
318. AORTIC VALVE REPLACEMENT UTILIZING THE PULMONARY AUTOGRAFT (THE ROSS PROCEDURE) IN THE YOUNG
Z Al-Halees, F Khouqeer, G Omar, F Fadley, A Al-Sanei, CMG Duran
World Congress of Pediatric Cardiology and Cardiac Surgery, Paris, France, 21-25 June 1993
319. EARLY AND SHORT-TERM ECHOCARDIOGRAPHIC CHANGES AFTER CORRECTION OF LEFT VENTRICULAR VOLUME OVERLOAD BY THE ROSS PROCEDURE
M Awad, Z Al-Halees, E Mercer, B Khan, F El-Deeb, M Al-Amri, L Hatle, CMG Duran
American Society of Echocardiography Annual Scientific Meeting, Orlando, Florida, 16-18 June 1993
320. PULMONIC VALVE IN THE AORTIC POSITION AFTER THE ROSS PROCEDURE: SHORT TERM STUDY BY ECHOCARDIOGRAPHY IN 25 PATIENTS
M Awad, Z Al-Halees, E Mercer, D Al-Zawawi, ME Fawzy, M Kandeel, L Hatle, CMG Duran
American Society of Echocardiography Annual Scientific Meeting, Orlando, Florida, 16-18 June 1993
321. LEFT VENTRICULAR VOLUME OVERLOAD: PATIENTS WITH AORTIC REGURGITATION COMPARED TO PATIENTS WITH AORTIC AND MITRAL REGURGITATION, PRE AND POSTOPERATIVELY
M Awad, Z Al-Halees, E Mercer, B Khan, D Al-Zawawi, ME Fawzy, L Hatle, CMG Duran
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322. TRANSVENOUS PULMONARY ARTERY BIOPSY: EXPERIMENTAL RESULTS IN SHEEP
N Wilson, G Prabhakar, B Hainau, L Ali, A Becker, CMG Duran
British Cardiac Society Annual Meeting, London, England, 18-21 May 1993
323. VANISHING DE VEGA ANNULOPLASTY FOR FUNCTIONAL TRICUSPID REGURGITATION
G Prabhakar, N Kumar, B Gometza, Z Al-Halees, CMG Duran
British Cardiac Society Annual Meeting, London, England, 18-21 May 1993
324. PROBLEMS AND RESULTS OF TRANSCATHETER CLOSURE OF PATENT DUCTUS ARTERIOSUS
O Galal, F Fadley, N Wilson, S Oufi, CMG Duran
World Congress of Pediatric Cardiology and Cardiac Surgery, Paris, France, 21-25 June 1993
325. EXPERIENCE WITH BLALOCK TAUSSIG SHUNT IN NEWBORN WITH COMPLEX CONGENITAL HEART DISEASE
C Schlensak, O Galal, Z Al-Halees, A Schmaltz, F Fadley, H Tamimi, CMG Duran
World Congress of Pediatric Cardiology and Cardiac Surgery, Paris, France, June 21-25 1993

326. CHILDREN COMPARED TO ADULTS, BEFORE AND AFTER THE ROSS PROCEDURE: AN ECHOCARDIOGRAPHIC STUDY
M Awad, Z Al Halees, O Galal, N Wilson, F Al Fadley, S Al Oufi, L Hatle, CMG Duran
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327. LONG-TERM RESULTS OF BALLOON DILATATION OF NATIVE COARCTATION
O Galal, F Al-Fadley, N Wilson, S Al-Oufi, A schmaltz, CMG Duran
World Congress of Pediatric Cardiology and Cardiac Surgery, Paris, France, 21-25 June 1993
328. BIOABSORBABLE PULMONARY BANDING AS A PALLIATIVE MEASURE IN COMPLEX VENTRICULAR SEPTAL DEFECT
N Wilson, Z Al-Halees, F Al-Fadley, O Galal, CMG Duran
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329. TRANSVENOUS PULMONARY ARTERY BIOPSY: EXPERIMENTAL RESULTS IN SHEEP
N Wilson, G Prabhakar, B Hainau, L Ali, A Becker, CMG Duran
World Congress of Pediatric Cardiology and Cardiac Surgery, Paris, France, 21-25 June 1993
330. PERCUTANEOUS CARDIOPULMONARY BYPASS SUPPN ELECTIVE COMPLEX ANGIOPLASTY IN KFSH: EARLY EXPERIENCE IN 10 CASES
L Mimish, A Shaikh, B Dunn, L Zaman, F El-Deeb, Z Al-Halees
20th Annual meeting of the Egyptian Society of Cardiology, Cairo, Egypt, 14-19 February 1993
331. THE ADVANTAGES OF THE INOUE BALLOON CATHETER IN MITRAL BALLOON CATHETER VALVOTOMY
ME Fawzy, PA Ribeiro, L Mimish, H Mansour, F El-Deeb, M Awad, CMG Duran
20th Annual meeting of the Egyptian Society of Cardiology, Cairo, Egypt, 14-19 February 1993
332. EVALUATION OF PROSTHETIC MITRAL VALVE MALFUNCTION BY DOPPLER ECHOCARDIOGRAPHY
MF El-Deeb, M Awad, ME Fawzy, B Dunn, L Zaman, L Mimish, CMG Duran
20th Annual meeting of the Egyptian Society of Cardiology, Cairo, Egypt, 14-19 February 1993
333. BIOABSORBABLE PULMONARY BANDING AS A PALLIATIVE MEASURE IN COMPLEX VENTRICULAR SEPTAL DEFECT
N Wilson, Z Al-Halees, F Al-Fadley, O Galal, CMG Duran
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334. STENTLESS AUTOLOGOUS PERICARDIAL AORTIC VALVE REPLACEMENT: AN EVOLUTION
R Gallo, N Kumar, G Prabhakar, B Gometza, CMG Duran
XXI World Congress of the International Society for Cardiovascular Surgery, Lisbon, Portugal, 12-15 September 1993
335. YOUNG AGE AS A NEGATIVE FACTOR IN THE RESULTS OF REPAIR FOR RHEUMATIC MITRAL DISEASE
E Saad, B Gometza, A Al-Sanei, Z Al-Halees, CMG Duran
XVth Congress of the European Society of Cardiology, Nice, France, 29 August-2 September 1993
336. REGRESSION OF SEVERE PULMONARY HYPERTENSION AFTER SUCCESSFUL MITRAL BALLOON VALVOTOMY USING INOUE BALLOON TECHNIQUE
ME Fawzy, P Ribeiro, B Dunn, L Mimish, H Al-Mansour, F El-Deeb, CMG Duran

- XVth Congress of the European Society of Cardiology, Nice, France, 29 August- 2 September 1993
337. ABSORBABLE PULMONARY ARTERY BANDING AS A PALLIATIVE MEASURE IN COMPLEX VENTRICULAR SEPTAL DEFECT: INITIAL CLINICAL EXPERIENCE
Z Al Halees, N Wilson, F Al-Fadley, O Galal, CMG Duran
59th Annual International Scientific Assembly, American College of Chest Physicians, Orlando, FL, USA 24-28 October 1993
338. GLUTARALDEHYDE, CARBOXYGLUTAMIC ACID AND CALCIUM IN EXPLANTED BIOPROSTHETIC HEART VALVES
H Hughes, LS Tipton, D Fenchunk, G Prabhakar, HY Aboul-Enein, CMG Duran
International Association for Cardiac Biological Implants 3rd Scientific Meeting, New York, NY, USA, 24 April 1994
339. ALTERNATIVES FOR AORTIC VALVE SURGERY
E Saad, R Gallo, B Gometza, F Khouqeer, Z Al Halees, CMG Duran
5th Scientific Session of the Saudi Heart Association, Al-Khobbar, Saudi Arabia, 25-27 January 1994
Published: J Saudi Heart Assoc 1994;6:67
340. RESULTS OF REDO MITRAL VALVE SURGERY.
F Khouqeer, A Al Sanei, Z Al Halees, CMG Duran
5th Scientific Session of the Saudi Heart Association, Al-Khobbar, Saudi Arabia, 25-27 January 1994
Published: J Saudi Heart Assoc 1994;6:66-67
341. SYSTEMIC PULMONARY SHUNTS IN YOUNG CHILDREN OF AN EMERGENCY PROCEDURE
N Kumar, O Galal, Z Al Halees, C Schlensak, J Kalloglian, F Al Fadley, CMG Duran
5th Scientific Session of the Saudi Heart Association, Al-Khobbar, Saudi Arabia, 25-27 January 1994
Published: J Saudi Heart Assoc 1994;6:46-47
342. CORONARY ARTERY DISEASE AND AORTIC VALVE STENOSIS: A RETROSPECTIVE STUDY IN MIDDLE EAST POPULATION
R Muthusamy, E Saad, B Gometza, CMG Duran
5th Scientific Session of the Saudi Heart Association, Al-Khobbar, Saudi Arabia, 25-27 January 1994
343. EL PROCEDIMIENTO DE ROSS EN JOVENES REUMATICOS
Gallo R, Kumar N, Gometza B, Halees Z, Duran CMG
XII Congreso Sociedad Espanola Cirugia Cardiovascular, Palma de Mallorca, Spain, 27-30 June 1994
344. ALTERNATIVAS EN LA CIRUGIA DE LA VALVULAR AORTICA
Gallo R, Kumar N, Gometza B, Halees Z, Duran CMG
XII Congreso Sociedad Espanola Cirugia Cardiovascular, Palma de Mallorca, Spain, 27-30 June 1994
345. INFLUENCE OF RHEUMATIC HEART VALVULAR DISEASE ON β -ADRENOCEPTOR ACTIVITY
M Kumar, G Prabhakar, S Bakr, A Moorji, CMG Duran
XII International Congress of Pharmacology, Quebec, Canada, 24-29 July 1994
Published: Can J Physiol Pharmacol 1994; 72 (Suppl): 119

346. ALPHA-ADRENOCEPTOR ACTIVITY IN PATIENTS WITH RHEUMATIC HEART VALVULAR DISEASE
N Dzimir, G Prabhakar, A Moorji, S Bakr, Z Halees, CMG Duran
XII International Congress of Pharmacology, Quebec, Canada, 24-29 July 1994
Published: Can J Physiol Pharmacol 1994; 72 (Suppl): 119
347. COMPARISON OF FRESH AND GLUTARALDEHYDE TREATED AUTOLOGOUS STENTED PERICARDIUM AS PULMONARY VALVE REPLACEMENT IN THE SHEEP
CMG Duran, P Kumar
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
348. GLUTARALDEHYDE CROSS LINKING IN EXPLANTED BIOPROSTHESES
H Hughes, IS Tipton, DM Fenchuk, HY Abul Enein, CMG Duran
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
349. FROM CUSP EXTENSION TO STENTLESS AUTOLOGOUS PERICARDIAL AORTIC VALVE REPLACEMENT
CMG Duran, B Gometza, N Kumar, R Gallo
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
350. GLUTARALDEHYDE CROSS-LINKING IN EXPLANTED BIOPROSTHESIS
H Hughes, LS Tipton, DM Feuchuk, HY Aboul-Enein, CMG Duran
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
351. STENTLESS AUTOLOGOUS PERICARDIAL AORTIC VALVE REPLACEMENT: VIDEO PRESENTATION OF SURGICAL TECHNIQUE
R Gallo, G Prabhakar, N Kumar, CMG Duran
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
352. THE MAKING OF A VALVED CONDUIT FROM SINGLE PERICARDIAL PATCH: VIDEO PRESENTATION OF THE DESIGN
M Kumar, G Prabhakar, N Kumar, P Kumar, CMG Duran
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
353. AUTOLOGOUS PERICARDIAL VALVED RIGHT VENTRICULAR OUTFLOW TRACT CONDUIT -- AN EXPERIMENTAL STUDY
G Prabhakar, M Kumar, N Kumar, CMG Duran
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
354. THE ROSS PROCEDURE IN YOUNG RHEUMATICS: AN IDEAL SOLUTION?
N Kumar, B Gometza, R Gallo, Z Al Halees, CMG Duran
VI International Symposium Cardiac Bioprostheses, Vancouver, Canada, 29-31 July 1994
355. PERICARDIAL SUBSTITUTION WITH ABSORBABLE POLYMER PATCHES AFTER OPEN-HEART OPERATION: AN EXPERIMENTAL STUDY
N Kumar, P Kumar, G Prabhakar, A Becker, Y Ikada, CMG Duran
43rd International Congress of the European Society for Cardiovascular Surgery, Berlin, 6-9 September 1994
356. EFFECTS OF IN VIVO TREATMENT OF THE MITRAL VALVE WITH GLUTARALDEHYDE
N Kumar, P Kumar, G Prabhakar, H Hughes, L Tipton, M Einspenner, A Becker, CMG Duran
43rd International Congress of the European Society for Cardiovascular Surgery, Berlin, 6-9 September 1994

357. AORTIC VALVE SURGERY WITH AUTOLOGOUS TISSUE: A COMPARISON BETWEEN PULMONARY ROOT AND PERICARDIAL RECONSTRUCTION
N Kumar, B Gometza, Z Al-Halees, CMG Duran
43rd International Congress of the European Society for Cardiovascular Surgery, Berlin, 6-9 September 1994
358. DOES INVIVO FIXATION WITH GLUTARALDEHYDE STABILIZE THE MITRAL VALVE?
CMG Duran
XXI Congress of the European Society for Artificial Organs, Barcelona, Spain, 20-22 October 1994
359. PERICARDIAL VALVED CONDUIT FOR RIGHT VENTRICULAR OUTFLOW TRACT OBSTRUCTION
CMG Duran
XXI Congress of the European Society for Artificial Organs, Barcelona, Spain, 20-22 October 1994
360. PULMONARY AUTOGRAFT AS A SOLUTION TO YOUNG PATIENTS WITH AORTIC VALVE DISEASE
Z Al-Halees, F Khouqeer, A Al-Sanei, B Gometza, CMG Duran
Annual meeting of the Canadian Cardiovascular Society, Edmonton, Canada, 25-29 October 1994
361. ATRIAL SEPTECTOMY UNDER NORMOTHERMIC INFLOW OCCLUSION
Z Al-Halees, N Kumar, R Gallo, O Galal, F Al-Fadley, CMG Duran
Annual Meeting of the Canadian Cardiovascular Society, Edmonton, Canada, 25-29 October 1994
362. ANTICOAGULATION IN MITRAL VALVE REPLACEMENT
B Gometza, E Saad, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995; 7:63-64
363. BALL VALVE (SMELOFF-CUTTER) AORTIC REPLACEMENT WITHOUT ANTICOAGULATION
E Saad, B Gometza, Z Al-Halees, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:64-65
364. ROSS PROCEDURE IN RHEUMATIC DISEASE: A CAVEAT
Z Al Halees, N Kumar, B Gometza, R Gallo, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:75-76
365. CARBOMEDICS VALVE REPLACEMENT BELOW 20 YEARS OF AGE
E Saad, B Gometza, Z Al Halees, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:80
366. ROSS PROCEDURE AND STENTLESS AUTOLOGOUS PERICARDIAL VALVE: THE AUTOLOGOUS OPTION
N Kumar, B Gometza, Z Al Halees, R Gallo, E Saad, K Bjornstad, R Martin-Duran, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:81-82
367. AUTOLOGOUS PERICARDIAL VALVED RIGHT VENTRICULAR OUTFLOW TRACT CONDUIT: AN EXPERIMENTAL STUDY

- M Kumar, N Kumar, G Prabhakar, A Becker, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:83-84
368. BALLOON DILATATION OF NATIVE AORTIC COARCTATION IN CHILDREN
M deMoor, O Galal, F Al Fadley, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:88
369. ABSORBABLE PATCH FOR PERICARDIAL CLOSURE: AN EXPERIMENTAL STUDY
S Kumar, N Kumar, G Prabhakar, A Becker, Y Ikada, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:89
370. EXTENDED VERTICAL TRANSSEPTAL VERSUS CONVENTIONAL ATRIOTOMY
R Gallo, N Kumar, E Saad, B Gometza, Z Al-Halees, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:89-90
371. ABSENCE OF GLUTARALDEHYDE CROSS LINKS IN EXPLANTED BIOPROSTHESIS
N Kumar, H Hughes, DM Feuchuk, HY Aboul-Enein, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:91
372. EXPERIMENTAL BEHAVIOR OF AUTOLOGOUS PERICARDIUM FOR VALVE REPLACEMENT
S Kumar, M Kumar, G Prabhakar, M Shahid, M Ali, A Becker, CMG Duran
6th Scientific Session of the Saudi Heart Association, Jeddah, Saudi Arabia, 24-26 January 1995
Published: J Saudi Heart Assoc 1995;7:93
373. PRESENT INDICATIONS AND LIMITS OF VALVE REPAIR
CMG Duran
Annual meeting of the Florida Society of Thoracic & Cardiovascular Surgeons, Captiva Island, FL, USA, 24-26 February 1995
374. A SURGEON'S PERSPECTIVE FROM THE TOP OF A CAMEL
CMG Duran
Annual meeting of the Florida Society of Thoracic & Cardiovascular Surgeons, Captiva Island, FL, USA, 24-26 February 1995
375. AUTOLOGOUS PERICARDIUM REVISITED: NEW VISTAS FOR AN OLD MATERIAL
CMG Duran
Annual meeting of the Florida Society of Thoracic & Cardiovascular Surgeons, Captiva Island, FL, USA, 24-26 February 1995
376. ROSS PROCEDURE: A CAVEAT
Z Al-Halees, N Kumar, B Gometza, R Gallo, CMG Duran
41st Annual Conference of the Indian Association of Cardiovascular-Thoracic Surgeons, Bangalore, India, 23-26 February 1995
377. EXPERIMENTAL IN SITU GLUTARALDEHYDE TANNING OF THE MITRAL VALVE
N Kumar, SP Kumar, G Prabhakar, H Hughes, L Tipton, M Kumar, A Becker, CMG Duran
41st Annual Conference of the Indian Association of Cardiovascular-Thoracic Surgeons, Bangalore, India, 23-26 February 1995
378. ROSS PROCEDURE: IS IT REALLY THE IDEAL SOLUTION?
Z Al-Halees, N Kumar, B Gometza, R Gallo, CMG Duran

- 44th Annual Scientific Session of the American College of Cardiology, New Orleans, LA, USA, 19-22 March 1995
379. COMPARISON OF THE EFFECT OF LEFT VENTRICULAR VOLUME AND PRESSURE OVERLOAD ON β -ADRENOCEPTOR ACTIVITY IN LEFT HEART VALVULAR DISEASE
44th Annual Scientific Session of the American College of Cardiology, New Orleans, LA, USA, 19-22 March 1995
380. IMMUNE MECHANISMS IN RHEUMATIC CARDITIS: IMPLICATIONS IN THE PATHOGENESIS OF VALVULAR HEART DISEASE
S Roberts, T Dunn, D Jankelof, CMG Duran, J Barlow, S Kosanke, M Cunningham
ASMB, ASIP, AAI Joint Meeting, 1995
381. ROSS PROCEDURE IN A RHEUMATIC POPULATION
Z Al Halees, N Kumar, O Galal, B Gometza, R Gallo, CMG Duran
30th Meeting of the Association of European Cardiologists, Bologna, Italy, 17-20 May 1995
382. INFLUENCE OF LEFT VENTRICULAR PRESSURE AND VOLUME OVERLOAD ON BETA-ADRENERGIC ACTIVITY IN PATIENTS WITH VALVULAR HEART DISEASE
N Dzimiri, M Kumar, A Moorgi, G Prabhakar, N Kumar, B Gometza, Z Al Halees, CMG Duran
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383. CHARACTERIZATION OF THE SYMPATHETIC ACTIVITY IN PATIENTS WITH ACQUIRED AORTIC STENOSIS
M Dzimiri, A Moorji, G Prabhakar, S Backr, Z Al Halees, CMG Duran
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384. ERSATZ DER AOTTENKLAPPE DURCH AUTOLOGE TRANSPLANTATION DER LMONLAKLAPPE (SOGENNANTE ROSS OPERATTION) INDICATIONEN UND ERGENIBSSE IN EINEN JUNGEN BEVOLKERUN
S Schellberg, O Galal, Z Al Halees, N Kumar, B Gometza, AA Schmaltz, CMG Duran
German Meeting for Pediatric Cardiology, Ulm, Germany, 30 –31 September 1995
385. INTERMEDIATE-TERM FOLLOW-UP IN VALVE PATIENTS IN SAUDI ARABIA: THE KING FAISAL SPECIALIST HOSPITAL EXPERIENCE
E Saad, B Gometza, N Kumar, Z Al Halees, CMG Duran
J Saudi Heart Assoc 1996;8:48-49
386. AORTIC SURGERY - REPAIR OR REPLACE?
Z Al Halees, A Al Senai, F Khougeer, CMG Duran
49th Annual meeting of the Canadian Cardiovascular Society, Montreal, Canada, 29 October-2 November 1996
Published: Can J Cardiol 1996;12(Suppl E):88E
387. EVOLVING TRENDS OF AORTIC VALVE SURGERY
Z Al Halees, F Khougeer, A Al Sanei, CMG Duran
8th Scientific Session of the Saudi Heart Association, Al Khobar, Saudi Arabia, 18-20 February 1997
Published: J Saudi Heart Assoc 1997;9:35-36
388. EARLY FAILURE POST MITRAL VALVE REPAIR IN YOUNG PATIENTS WITH RHEUMATIC HEART DISEASE: TRANSESOPHAGEAL ECHOCARDIOGRAPHIC PREDICTIVE PARAMETERS
M Shaid, L Hatle, Z Al Halees, CMG Duran

- 8th Scientific Session of the Saudi Heart Association, Al Khobar, Saudi Arabia, 18-20 February 1997
Published: J Saudi Heart Assoc 1997;9:50
389. CARDIOPULMONARY RESPONSE TO MAXIMAL EXERCISE IN YOUNG ATHLETES FOLLOWING THE ROSS PROCEDURE
JH Oury, D Doty, JD Oswalt, JF Knapp, CMG Duran
VII International Symposium Cardiac Bioprosthesis, Sitges, Barcelona, Spain, 13-15 June 1997
390. INFLUENCE OF SHELF LIFE ON THE IN VITRO BEHAVIOUR OF BIOPROSTHESIS
SJ Choo, DT Cheung, JH Oury, CMG Duran
VII International Symposium Cardiac Bioprosthesis, Sitges, Barcelona, Spain, 13-15 June 1997
391. AORTIC VALVE RECONSTRUCTION WITH PERICARDIUM.A FOLLOW UP
CMG Duran, B Gometza, M Shahid, Z Al Halees
VII International Symposium Cardiac Bioprosthesis, Sitges, Barcelona, Spain, 13-15 June 1997
392. AORTIC VALVE RECONSTRUCTION WITH FREE HAND PERICARDIUM
CMG Duran
International Symposium on the Use of Pericardium in Cardiac Surgery, London, UK, 2-4 October 1997
393. THE ROSS PROCEDURE: SEARCHING FOR THE GOLD STANDARD FOR AORTIC ROOT PATHOLOGY. RESULTS IN 100 CONSECUTIVE CASES
JH Oury, PM Shah, SP Hiro, JJ Lamberti, CMG Duran
The American College of Cardiology 47th Annual Scientific Session, Atlanta, GA, USA, 29 March – 1 April 1998
394. AORTIC VALVE RECONSTRUCTION WITH PERICARDIUM: A FOLLOW UP
Z Al Halees, B Gometza, CMG Duran
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Published: J Saudi Heart Assoc 1998; 10:73
395. DIFFERENTIAL GENE EXPRESSION SUPPORTS CORONARY ANGIOGENESIS IN A MOUSE MODEL FOR TRANSMYOCARDIAL LASER REVASCULARIZATION
CMG Duran, SJ Choo, K Chiotti, S Martin, JD Coffin
American Heart Association: Scientific Conference on the Genome Program, San Diego, CA, USA, 11-12 March 1998
396. THE GEOMETRY OF THE HUMAN AORTIC ROOT. AN ANATOMICAL STUDY
SJ Choo, CMG Duran, G McRae, J Olomon, C Bowles, G St George, D Pang, D Fultz, D Cheung
Aortic Surgery Symposium VI, New York, NY, USA, 30 April - 1 May 1998
397. CRITICAL ANALYSIS OF THE ROSS PROCEDURE: DO ITS PROBLEMS JUSTIFY ITS WIDER APPLICATION?
JH Oury, SP Hiro, JM Maxwell, CMG Duran
The Stentless Bioprosthesis Third International Symposium, Grand Cayman, 12-16 May 1999
398. THE ROSS PROCEDURE: COMMON APPLICATION AND PREDICTABLE RESULTS FROM AN UNCOMMON OPERATION
JH Oury, SJ Choo, SP Hiro, JM Maxwell, JJ Lamberti, CMG Duran
7th Annual Meeting of the Asian Society for Cardiovascular Surgery, Singapore, 28 May – 1 June 1999
399. FUNCTIONAL ANATOMY OF AORTIC ROOT EXPANSION
SJ Choo, DC Pang, SD Nikolic, HH Luo, DT Cheung, JH Oury, CMG Duran

- 7th Annual Meeting of the Asian Society for Cardiovascular Surgery, Singapore, 28 May – 1 June 1999
400. IMPROVED RESULTS OF AUTOLOGOUS PERICARDIAL IMPLANTS WHEN TREATED WITH ETHANOL
SJ Choo, DT Cheung, AC Grobe, DC Marchion, HH Luo, DC Pang, BE Favara, JH Oury, CMG Duran
7th Annual Meeting of the Asian Society for Cardiovascular Surgery, Singapore, 28 May – 1 June 1999
401. BEHAVIOR OF FRESH AUTOLOGOUS PERICARDIUM IMPLANTED IN THE DESCENDING AORTA OF SHEEP
SJ Choo, DT Cheung, AC Grobe, DC Marchion, HH Luo, DC Pang, BE Favara, JH Oury, CMG Duran
7th Annual Meeting of the Asian Society for Cardiovascular Surgery, Singapore, 28 May - 1 June 1999
402. FLEXIBLE DURAN RING – IMPORTANCE OF RING SIZE MATCH
SJ Choo, SD Nikolic, DC Pang, HH Luo, JH Oury, CMG Duran
7th Annual Meeting of the Asian Society for Cardiovascular Surgery, Singapore, 28 May – 1 June 1 1999
403. FLEXIBLE MITRAL RING ANNULOPLASTY: INFLUENCE OF RING SIZE ON MITRAL ANNULUS DEFORMATION
DC Pang, SJ Choo, SD Nikolic, HH Luo, JH Oury, CMG Duran
The World Symposium on Heart Valve Disease, London, UK, 12-14 June 1999
404. A NEW FREEZE-DRYING TECHNIQUE FOR HEART VALVE HOMOGRAFT PRESERVATION
DT Cheung, DC Pang, HH Luo, Y Shomura, AC Grobe, DC Marchion, JH Oury, CMG Duran
The World Symposium on Heart Valve Disease, London, UK, 12-14 June 1999
405. EIGHT YEARS EXPERIENCE WITH THE ROSS PROCEDURE: PROBLEMS AND SOLUTIONS
JH Oury, SP Hiro, SK Mackey, JM Maxwell, CMG Duran
The World Symposium on Heart Valve Disease, London, UK, 12-14 June 1999
406. SIGNIFICANT INCREASE OF AORTIC ROOT VOLUME AND COMMISSURAL AREA OCCURS PRIOR TO AORTIC VALVE OPENING
DC Pang, SJ Choo, SD Nikolic, HH Luo, DT Cheung, JH Oury, CMG Duran
The World Symposium on Heart Valve Disease, London, UK, 12-14 June 1999
407. VALVE SPARING AORTIC ROOT REPLACEMENT
Y Shomura, SJ Choo, AC Grobe, DC Marchion, JC Pfau, DC Cheung, JH Oury, CMG Duran
The World Symposium on Heart Valve Disease, London, UK, 12-14 June 1999
408. THE BEHAVIOR OF FRESH AUTOLOGOUS PERICARDIUM IMPLANTED IN THE DESCENDING AORTA OF SHEEP
AC Grobe, DT Cheung, HH Luo, DC Pang, JH Oury, CMG Duran
The World Symposium on Heart Valve Disease, London, UK, 12-14 June 1999
409. HISTOLOGICAL EVALUATION OF THE ANASTOMOSIS BETWEEN GLUTERALDEHYDE-TREATED ALLOGENEIC AORTA AND NATIVE AORTA IN SHEEP
AC Grobe, DT Cheung, HH Luo, Y Shomura, DC Marchion, JC Pfau, JH Oury, CMG Duran
6th World Biomaterials Congress sponsored by the Society of Biomaterials, USA, Kamuela, HI, USA, 15-20 May 2000, Abstract #532
410. THE EFFECTS OF SERUM ON VITAL PERICARDIUM IN TISSUE CULTURE

- DC Marchion, DJ Khoury, AC Grobe, JC Pfau, JH Oury, CMG Duran, DT Cheung
6th World Biomaterials Congress sponsored by the Society of Biomaterials, USA, Kamuela, HI,
USA, 15-20 May 2000, Poster #730
411. CROSS-LINKING OF COLLAGEN IN VARIOUS STATES OF HYDRATION USING UV
IRRADIATION
JC Pfau, J Umbriaco, CMG Duran, DT Cheung
6th World Biomaterials Congress sponsored by the Society of Biomaterials, USA, Kamuela, HI,
USA, 15-20 May 2000, Poster #718
412. REPOPULATION OF HOST CELLS ON LYOPHILIZED ALLOGRAFT AORTIC ROOTS
IMPLANTED IN THE DESCENDING AORTA OF SHEEP
DT Cheung, D Pang, HH Luo, AC Grobe, DC Marchion, Y Shomura, JH Oury, CMG Duran
6th World Biomaterials Congress sponsored by the Society of Biomaterials, USA, Kamuela, HI,
USA, 15-20 May 2000, Poster #800
413. CELLULAR ACTIVITIES IN FRESH AND ETHANOL-TREATED AUTOLOGOUS PERICARDIAL
TISSUES IMPLANTED IN THE DESCENDING AORTA OF SHEEP
DT Cheung, AC Grobe, DC Marchion, SJ Choo, JH Oury, CMG Duran
6th World Biomaterials Congress sponsored by the Society of Biomaterials, USA, Kamuela, HI,
USA, 15-20 May 2000, Poster #716
414. TIME RELATED CYCLIC AORTIC ROOT EXPANSION
HS Lim, E Lansac, Y Shomura, JH Yeo, CMG Duran
13th Asian Congress of Cardiology, Raffles City Convention Centre, Singapore, 23-26 June 2000
415. ANATOMIE FONCTIONNELLE DE LA RACINE AORTIQUE EN 4 DIMENSIONS
E Lansac, HS Lim, Y Shomura, JH Oury, C Acar, CMG Duran
Societe de Chirurgie Thoracique et Cardio-vasculaire de Langue Francaise "Chirurgie 2000,"
Paris, France, 26-28 June 2000
416. HOMOGREFFES AORTIQUES LYOPHILISEES RECOLONISEES PAR DES CELLULES
HOTES CHEZ LE MOUTON
E Lansac, D Cheung, HH Luo, A Grobe, D Marchion, S Choo, Y Shomura, C Acar, CMG Duran
Societe de Chirurgie Thoracique et Cardio-vasculaire de Langue Francaise "Chirurgie 2000,"
Paris, France, 26-28 June 2000
417. UNE NOUVELLE BIOPROTHESE VALVULAIRE MITRALE SANS ARMATURE EN PERICARDE
AUTOLOGUE
E Lansac, Y Shomura, JH Oury, C Acar, CMG Duran
Societe de Chirurgie Thoracique et Cardio-vasculaire de Langue Francaise "Chirurgie 2000,"
Paris, France, 26-28 June 2000
418. NEW CONCEPTS IN MITRAL TISSUE VALVE DESIGN – THE APPLICATION OF BASAL
CHORD SUPPORT IN A NEW AUTOLOGOUS PERICARDIAL VALVE
Y Shomura, E Lansac, CMG Duran
The American Society for Artificial Internal Organs, New York, NY, USA, 28 June – 1 July 2000,
Poster, Abstract #131
419. INDUCED CELL DEATH FOLLOWED BY LYOPHILIZATION AS AN ALTERNATIVE METHOD
FOR AORTIC VALVE HOMOGRAFT PRESERVATION
Y Shomura, DT Cheung, HH Luo, AC Grobe, DC Marchion, CMG Duran
The American Society for Artificial Internal Organs, New York, NY, USA, 28 June – 1 July 2000,
Slide Forum, Abstract #132
420. AORTIC ROOT DYNAMICS DURING THE CARDIAC CYCLE

- Y Shomura, E Lansac, HS Lim, CMG Duran
The American Society for Artificial Internal Organs, New York, NY, USA, 28 June – 1 July 2000,
Poster, Abstract #133
421. DYNAMIC AORTIC ROOT ANATOMY DURING THE CARDIAC CYCLE
E Lansac, HS Lim, Y Shomura, NT Rice, JH Oury, CMG Duran
The Denton A. Cooley Cardiovascular Surgical Society, Coeur D'Alene, ID, USA, 5-9 August
2000
422. EXPERIMENTAL STUDY OF A NEW AUTOLOGOUS PERICARDIAL STENTLESS MITRAL
VALVE PROSTHESIS
Y Shomura, E Lansac, JH Oury, CMG Duran
The Denton A. Cooley Cardiovascular Surgical Society, Coeur D'Alene, ID, USA, 5-9 August
2000
423. A NOVEL PRESERVATION METHOD FOR AORTIC VALVE HOMOGRAPHS
SA Tahta, DT Cheung, Y Shomura, AC Grobe, HH Luo, DC Marchion, CMG Duran
10th World Congress of the World Society of Cardio-Thoracic Surgeons, Vancouver, BC, Canada,
13-16 August 2000, Abstract #36
424. OUTCOME AFTER MITRAL VALVE REPAIR FOR FUNCTIONAL ISCHEMIC MITRAL
REGURGITATION
SA Tahta, JH Oury, JM Maxwell, SP Hiro, C Gardner, K Mackey, CMG Duran
10th World Congress of the World Society of Cardio-Thoracic Surgeons, Vancouver, BC, Canada,
13-16 August 2000, Abstract #89
425. A NEW COST EFFECTIVE, STENTLESS AUTOLOGOUS PERICARDIAL MITRAL VALVE
BIOPROSTHESIS
Y Shomura, E Lansac, CMG Duran
8th Annual Meeting of the Asian Society for Cardiovascular Surgery, Fukuoka, Japan, 6-8
September 2000, Abstract #O-031
426. CYCLIC CONFORMATIONAL 4-DIMENSION CHANGES IN AORTIC ROOT DIMENSIONS
Y Shomura, E Lansac, HS Lim, JH Oury, CMG Duran
8th Annual Meeting of the Asian Society for Cardiovascular Surgery, Fukuoka, Japan, 6-8
September 2000, Poster # P-098
427. COMPARISON OF GLUTARALDEHYDE-TREATED AND ETHANOL-TREATED AUTOLOGOUS
PERICARDIUM FOR PULMONARY VALVE RECONSTRUCTION USING A NEW INSTRUMENT
Y Shomura, HH Luo, E Lansac, SA Tahta, AC Grobe, DC Marchion, DT Cheung, JH Oury, JH
Yeo, I Yada, CMG Duran
The 38th Annual Meeting of the Japanese Society for Artificial Organs, Yokkaich City Cultural
Hall, Jibasan Mie, Japan, 27-29 September 2000, Abstract #10182
428. REPAIR OF MODERATE AORTIC VALVE LESIONS ASSOCIATED WITH OTHER VALVE
PATHOLOGY: AN ELEVEN-YEAR FOLLOW-UP
Z Al Halees, B Gometza, A Al Sanei, CMG Duran
European Association for Cardio-thoracic Surgery 14th Annual Meeting, Frankfurt, Germany, 7-11
October 2000
429. A NEW STENTLESS MITRAL VALVE PROSTHESIS MADE OF AUTOLOGOUS PERICARDIUM
Y Shomura, E Lansac, JH Oury, I Yada, CMG Duran
53rd Annual Meeting of the Japanese Association for Thoracic Surgery, Oita, Japan, 25-27
October 2000

430. HISTOLOGICAL STUDY OF THE JUNCTION BETWEEN GLUTARALDEHYDE-TREATED HOMOGENIC AORTA AND THE NATIVE AORTA
Y Shomura, AC Grobe, DT Cheung, HH Luo, DC Marchion, JH Oury, I Yada, CMG Duran
53rd Annual Meeting of the Japanese Association for Thoracic Surgery, Oita, Japan, 25-27 October 2000
431. SERUM INDUCES CONTRACTION OF PERICARDIAL TISSUE IN VITRO
D Marchion, J Pfau, A Grobe, D Cheung, CMG Duran
VIII International Symposium Cardiac Bioprosthesis, Cancun, Mexico, 3-5 November 2000, Abstract #7119 (Poster)
432. TWELVE YEAR FOLLOW-UP OF AORTIC VALVE RECONSTRUCTION WITH PERICARDIUM
CMG Duran, M Shaid, Z Al-Halees
VIII International Symposium Cardiac Bioprosthesis, Cancun, Mexico, 3-5 November 2000, Abstract #7121 (Oral Presentation)
433. AORTIC ROOT DYNAMICS IN 4-DIMENSIONS
E Lansac, HS Lim, Y Shomura, JH Oury, CMG Duran
VIII International Symposium Cardiac Bioprosthesis, Cancun, Mexico, 3-5 November 2000, Abstract #7122 (Oral Presentation)
434. A NEW STENTLESS AUTOLOGOUS PERICARDIAL MITRAL VALVE BIOPROSTHESIS
Y Shomura, E Lansac, CMG Duran
VIII International Symposium Cardiac Bioprosthesis, Cancun, Mexico, 3-5 November 2000, Abstract #7118 (Oral Presentation)
435. UP TO 15 YEAR FOLLOW-UP OF HANCOCK II BIOPROSTHESIS IN A POPULATION WITH A MEAN AGE OF 43 YEARS
Z Al Halees, A Ali-Sanie, M Shahid, E Williams, CMG Duran
VIII International Symposium Cardiac Bioprosthesis, Cancun, Mexico, 3-5 November 2000, Poster
436. EXPERIMENTAL STUDY OF A BUTTERFLY-SHAPED AUTOLOGOUS PERICARDIAL STENTLESS MITRAL VALVE PROSTHESIS
Y Shomura, E Lansac, JH Oury, I Yada, CMG Duran
31st Annual Meeting of the Japanese Society of Cardiovascular Surgery, Yamaguchi, Japan, 7-9 February 2001
437. NEW INSIGHTS INTO THE DYNAMICS OF THE MITRAL VALVE COMPLEX
KH Lim, E Lansac, HS Lim, EKW Sim, JH Yeo, CMG Duran
Singapore Cardiac Society 13th Annual Scientific Meeting, Singapore, 4 March 2001
438. THE MECHANISMS OF AORTIC VALVE OPENING AND CLOSING
E Lansac, HS Lim, Y Shomura, NT Rice, KH Lim, C Acar, JH Oury, CMG Duran
The American College of Cardiology 50th Annual Scientific Session, Orlando, FL, USA, 18 March 2001, Abstract #1049-109 (Poster)
439. DYNAMIC BALANCE OF AORTO-MITRAL JUNCTION
CMG Duran, E Lansac, KH Lim, Y Shomura, W Goetz, HS Lim, JH Yeo, C Acar
81st Annual Meeting of the American Association for Thoracic Surgery, San Diego, CA, USA, 6-9 May 2001, Abstract #F14 (Oral Presentation)
Published: J Thorac Cardiovasc Surg 2002
440. NEW SOLUTIONS FOR RVOT RECONSTRUCTION: EXPERIMENTAL DATA
CMG Duran, R Elkins, S Goldstein
The Society for Heart Valve Disease 1st Biennial Meeting, London, England, 15-18 June 2001

441. TISSUE ENGINEERING, A REAL SOLUTION
CMG Duran
The Society for Heart Valve Disease 1st Biennial Meeting, London, England, 15-18 June 2001
442. A NEW FREEZE-DRYING TECHNIQUE FOR AORTIC VALVE HOMOGRAFT PRESERVATION
CMG Duran, D Cheung, P Weber, A Grobe, Y Shomura, SJ Choo
The Society for Heart Valve Disease 1st Biennial Meeting, London, England, 15-18 June 2001,
Abstract # 6415 (Oral Presentation 112)
443. THE ROSS PROCEDURE: VALIDATION OR WISHFUL THINKING (CURRENT PERCEPTIONS
AND MISCONCEPTIONS)
JH Oury, M Maxwell, SK Mackey, SA Tahta, SP Hiro, CMG Duran
The Society for Heart Valve Disease 1st Biennial Meeting, London, England, 15-18 June 2001
444. OUTCOME AFTER MITRAL VALVE REPAIR FOR FUNCTIONAL ISCHEMIC MITRAL
REGURGITATION
SA Tahta, JH Oury, JM Maxwell, SP Hiro, CMG Duran
The Society for Heart Valve Disease 1st Biennial Meeting, London, England, 15-18 June 2001
Published: J Heart Valve Dis 2002;11:11-19
445. AN IN VITRO MODEL FOR THE STUDY OF PERICARDIAL TISSUE RETRACTION
DC Marchion, JJ Sticka, PA Weber, AC Grobe, DT Cheung, CMG Duran
The Society for Heart Valve Disease, 1st Biennial Meeting, London, England, 15-18 June 2001,
Abstract # 6345 (Poster)
446. CHANGES IN THE MITRAL VALVE COMPLEX DURING THE CARDIAC CYCLE
KH Lim, E Lansac, HS Lim, Y Shomura, GH Yeo, CMG Duran
The Society for Heart Valve Disease, 1st Biennial Meeting, London, England, 15-18 June 2001,
Abstract # 6420 (Poster P13)
447. PULMONARY ROOT CHANGES DURING THE CARDIAC CYCLE
E Lansac, HS Lim, Y Shomura, KH Lim, N Rice, CMG Duran
The Society for Heart Valve Disease, 1st Biennial Meeting, London, England, 15-18 June 2001,
Abstract #6393 (Poster P45)
448. AORTIC ROOT EXPANSION IS ASYMETRIC
E Lansac, HS Lim, Y Shomura, KH Lim, N Rice, CMG Duran
The Society for Heart Valve Disease, 1st Biennial Meeting, London, England, 15-18 June 2001,
Abstract # 6394 (Poster P58)
449. AORTIC AND PULMONARY ROOT: ARE THEIR DYNAMICS SIMILAR?
E Lansac, HS Lim, Y Shomura, KH Lim, NT Rice, C Acar, JH Oury, CMG Duran
European Association for Cardio-thoracic Surgery/European Society of Thoracic Surgeons Joint
Meeting, Lisbon, Portugal, 16-19 September 2001, Abstract #8738 (Oral Presentation 19)
Published: Eur J Cardiothorac Surg 2002;21:268-275.
450. AORTIC VALVE RECONSTRUCTION PERFORMED WITH A MOLD PROVIDES BETTER
COAPTATION THAN THE CONSTRUCTOR FROM A FLAT TEMPLATE
KH Lim, JH Yeo, EKW Sim, C Johanas, CMG Duran
Singapore Cardiac Society 14th Annual Scientific Meeting, Singapore, 2-3 March 2002
451. TIMING OF MITRAL VALVE CLOSURE: THE MYTH OF THE ISOVOLUMIC CONTRACTION
E Lansac, KH Lim, Y Shomura, HS Lim, W Goetz, S Stevens, JH Oury, C Acar, CMG Duran
American College of Cardiology 51st Annual Scientific Session, Atlanta, GA, USA, 17-20 March
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452. ANTERIOR MITRAL LEAFLET MOBILITY IS LIMITED BY THE BASAL (“STAY”) CHORDS
WA Goetz, HS Lim, E Lansac, F Pekar, PA Weber, HA Saber, DE Birnbaum, CMG Duran
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453. COMPUTATIONAL MODELING OF AORTIC VALVE MOLD MODELS USED FOR AORTIC
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454. MECHANISM OF AORTIC ROOT EXPANSION: A BALANCE BETWEEN LEFT VENTRICULAR,
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457. BEHAVIOR OF TISSUE ENGINEERED SMALL-BORE XENO-CONDUITS VS. FRESH AND
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458. THE IMMUNE RESPONSE TO TISSUE ENGINEERED SMALL-BORE XENO-CONDUITS
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E Pekarova, PA Weber, F Pekar, WA Goetz, J Hoy, DT Cheung, CMG Duran
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459. FINITE ELEMENT ANALYSIS OF VALVE MOLDS
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WA Goetz, HS Lim, E Lansac, PA Weber, DE Birnbaum, CMG Duran
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462. FUNCTIONAL TRICUSPID REGURGITATION: PERSPECTIVES ON MANAGEMENT STRATEGY
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464. ELECTROPHYSIOLOGIC CONSEQUENCES OF GUIRAUDON'S SUPERIOR-SEPTAL APPROACH TO THE MITRAL VALVE
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473. ANTERIOR MITRAL BASAL “STAY” CHORDS ARE ESSENTIAL FOR LEFT VENTRICULAR GEOMETRY AND FUNCTION
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474. FINITE ELEMENT STUDY OF 3-D CURVED CUSPS (“H-MOLD”) VERSUS THE “3F” PERICARDIAL AORTIC VALVE BIOPROSTHESIS
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475. IMMUNE RESPONSE TO TISSUE-ENGINEERED SMALL-BORE XENOCONDUITS
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476. MECHANISM OF RECURRENT ISCHEMIC MITRAL REGURGITATION POST-ANNULOPLASTY: CONTINUED LV REMODELING AS A MOVING TARGET
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478. DYNAMIC CHANGES OF THE TRICUSPID ANNULUS AND PAPILLARY MUSCLES DURING THE CARDIAC CYCLE
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481. UP TO 14 YEARS FOLLOW-UP OF AORTIC VALVE RECONSTRUCTION WITH PERICARDIUM: A STENTLESS READILY AVAILABLE CHEAP VALVE?
Al Halees Z, Shahid M, Al Sanei A, Duran CMG
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484. MITRAL VALVE RECONSTRUCTION: SINGLE-LEAFLET OR QUADRI-LEAFLET? A COMPUTATIONAL STUDY
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485. TIMING OF OPENING AND CLOSURE OF ALL CARDIAC VALVES: A COLLAPSING DOGMA
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487. THE TRICUSPID VALVE: CLINICAL IMPLICATIONS OF NEW ANATOMIC INFORMATION
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488. LONG TERM FOLLOW UP OF MITRAL VALVE REPAIR IN YOUNG PATIENTS WITH SEVERE RHEUMATIC MITRAL VALVE REGURGITATION
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490. SADDLE-SHAPED ANNULUS IN MITRAL VALVE: ITS ROLE AND SIGNIFICANCE
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491. DIMENSIONAL RATIOS OF NORMAL MITRAL VALVE STRUCTURES: TOOL FOR DETERMINING THE DEGREE OF GEOMETRIC DISTORTION IN EACH INDIVIDUAL PATIENT
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