



## CURRICULUM VITAE

# Xavier RUYRA BALIARDA

- Chief of Cardiac Surgery. Hospital Universitari Germans Trias i Pujol. Barcelona
- Chief of Cardiac Surgery. Cardiac Surgery Unit VidaalCor. CM Teknon. Barcelona.

Dr. Xavier Ruyra-Baliarda is a specialist in Cardiac Surgery and leads a team of professionals whose main goal is to provide patients with the whole range of possibilities that exist in modern heart surgery.

Dr. Ruyra-Baliarda specializes in valve repair, sutureless aortic valve in high risk patients, Ross procedure and cardiac cavity reconstruction surgery.

Over the years numerous surgical techniques have been developed to minimize the aggressiveness of the procedure on the heart and the whole body. The Smart cardiac surgery program include beating heart coronary surgery, minimally invasive cardiac surgery , bloodless cardiac surgery and Fast –track recovery.

Our Motto: Individual patient. Best surgical option. More control. Less risk. Excellence.

The Quirón-Teknon Medical Center facilities where Dr. Ruyra develops the “Smart Cardiac Surgery Program” have a comprehensive structure covering the study, diagnosis and full treatment of cardiovascular illnesses. It is made up of a multidisciplinary team of Cardiac surgeons, Anesthesiologists, Intensivists, Cardiologists, specialists in Cardiac Imaging, Haemodynamicists, Electrophysiologists and experts in Cardiovascular Rehabilitation.

## EDUCATION

1985-1989 MD. Universitat Central de Barcelona. Hospital Clínic i Provincial.

## POSTDOCTORAL TRAINING. RESIDENCE.

1991-1995 Resident in Cardiovascular Surgery . Department of Cardiac Surgery Hospital Santa Creu i Sant Pau. Barcelona.

- Jornadas de puesta al día en Bioprótesis Stentless (O'Brien). Hospital Bichat .Octubre 1996.París.
- Formación en Toracoscopia Cardio-vascular (nivel avanzado). Cátedra de Patología Quirúrgica y Cirugía de la Facultad de Veterinaria y Centro de Cirugía de Mínima invasión. Cáceres. Abril y Julio de 1997.
- Utrecht MICABG Course. Less invasive Coronary Artery. By-pass grafting on the beating heart.1997 .Utrecht. Holanda.
- Postgraduate course: Introducció a l' estadística en Ciències de la Salut. Univesitat Autònoma de Barcelona. Profesor Domenech. Noviembre 1997. Bellaterra. Barcelona.
- Educational Course on total arterial myocardial revascularization. Università Degli Studi D'Annunzio.. Prof. Dr. Calafiore. November 1997. Chieti. Italia.
- Cours superieur de Technique Chirurgicale. Le Club Mitrale. December 1997. Hôpital Broussais. Paris. France.
- Post-Graduate Course : Aortic Surgery Symposium VI. The Mount Sinai Hospital.Mount Sinai School of Medecine. April 98. New York. USA.
- Post-graduate Course in Adults Cardiac Surgery Mitral Valve repair. 14 th Annual Meeting of the European Association for Cardio-Thoracic Surgery. Frankfurt. Germany. Oct 2000.
- Il Advances in Understanding Aortic Diseases. Hospital General Vall d'Hebrón. Barcelona. 22 September 2000.
- Post-graduate Course in Adult Cardiac Surgery: Aneurysms and dissections of ascending aorta and arch.15 th Annual Meeting of the European Association for Cardio-Thoracic Surgery. Lisbon. Portugal. 16 September 2001.
- 2nd. Symposium on Aortic and Mitral reconstructive Surgery.Focus on Echocardiographic and technical aspects.Brussels. Belgium. May 31-June 1, 2002.
- San Rafáele Fourth Mitral Reconstructive Surgery course.Milan.Italy.April , 2002.
- Post-graduate Course in Adult Cardiac Surgery: Surgery for ischemic heart disease.Meeting of the European Association for Cardio-Thoracic Surgery. Monaco. September 2002.
- Master of Valve repair. Barcelona May 2002.
- Course Surgery of Aortic Root, mitral valve and surgical approaches for atrial fibrillation. University of Nijmegen. The Netherlands. June 2004.
- Aortic Surgery Workshop. Toronto Hospital. Toronto. August 2004.
- XXIV Meeting of the Society of Cardiac Surgeons. IV Live Teleconference Interinstitutional " New Trends in cardiac Surgery". A Coruña. Spain. June 2005.
- Symposium Internacional Válvula Mitral. Hospital General. Universitario Gregorio Marañón. Madrid. Marzo 2006.
- The HIFU Energy & MIS Course. A.O.L. Sacco Polo Universitario Divisione di Chirurgia Cardiovascolare. Milano. Sept. 2009.
- Edwards SAPIEN THV Training Program. Faculté de Médecine, Rouen. France. Nov 2009
- Course expertise in self-management for anticoagulation. Sociedad española de Trombosis y hemostasia.

## LICENSURE AND CERTIFICATION

- 1989 Barcelona COMB License registration nº 26526
- 1995 Spanish Cardiovascular Surgery Specialist License registration
- 2002 European Board in Thoracic and Cardiovascular Surgery. FETCS

## ACADEMIC APPOINTMENTS

- 1990-1995. Clinical Fellow in Cardiac Surgery. Barcelone
- 1995-1996. Research Fellow in cardiac trasplantation. Hospital de Sant Pau. Barcelone.
- 2000-202. Professor in Cardiac Surgery. UAB. CES.
- 2014- . Associate professor in Surgery. UAB

## HOSPITAL APPOINTMENTS

- 1996-1997. Attending Cardiac Surgeon. Hospital Santa Creu i Sant Pau. Barcelona.
- 1997-1999 Chief of Section in Cardiac Surgery. Instituto Galego de Medicina técnica. Hospital do Meixoeiro. Vigo.
- 1999-2000 Attending Cardiac Surgeon. Hospital General Vall d'Hebron. Barcelona.
- Since 2000 Chief of Cardiac Surgery. Hospital Universitari Germans Trias i Pujol. Barcelona.
- Since 2007 Chief of Cardiac Surgery Unit VidaalCor. CM Quiron-Teknon. Barcelona.

## PRINCIPAL CLINICAL AND HOSPITAL RESPONSABILITIES

- Since 2000 Chief of Cardiac Surgery. Hospital Universitari Germans Trias i Pujol. Barcelona.
- Since 2007 Chief of Cardiac Surgery Unit VidaalCor. CM Quiron-Teknon. Barcelona.

## COMMITTEE ASSIGNMENTS

- Vocal de la Comissió Assesora d'obtenció i Trasplantament de Teixit Vascular ( OCATT). Representant dels Centres Trasplantadors dels Hospitals de Catalunya.

## PROFESSIONAL SOCIETY INVOLVMENTS

- Spanish Society for Cardiothoracic and Cardiovascular Surgery
- Catalan Society for Cardiac Surgery.

Active Member of the European Association for CardioThoracic Surgery

International Society for Cardiovascular Surgery

Member of Acadèmia de Ciències Mèdiques de Catalunya I Balears

#### ADVISORY BOARDS

St. Jude Medical Inc. España Clinical Advisory Board

Palex Medical. España. Clinical Advisory Board

Sorin Group Italia. Clinical Advisory Board

OnX Technologies. Austin. EUA. Clinical Advisory Board

#### MAJOR RESEARCH INTERESTS

Mitral valve repair

Bloodless cardiac surgery

Ross Operation

Minimally invasive cardiac Surgery

Sutureless Aortic Valves

#### REPORT OF TEACHING

Invited speaker presentations : 52

Continuing medical and surgical educational courses : 4

Mentoring responsibilities:member of the cardiac surgery faculty with daily interactions with cardiac surgery residents/Fellows.

Invited lecturer & Moderator : 15

#### ORIGINAL ARTICLES AND EDUCATIONALLY RELEVANT PUBLICATIONS

Chapters of books: 3

Original Articles : 51

#### PATENTS & INVENTIONS

Prosthetic band for mitral valve repair. WIPO patent application WO/2011/113986

Device for repairing mitral valve insufficiency. US 2010/0241222A1

Heart Valve sewing cuff. WO 2012/162522. Main inventor.