

**Fernando Antonio Lucchese, MD, FACC**  
Director, Hospital São Francisco (Cardiology and Transplants), Brazil  
Professor and Chairman in Cardiovascular Medicine and Surgery



Updated on June 1999.

**ADDRESS:** Rua Antonio Parreiras, 322 apt.402, Porto Alegre – RS – CEP 90510-000

**DATE OF BIRTH:** December 26<sup>th</sup>, 1947

**PLACE OF BIRTH:** Farroupilha, Rio Grande do Sul, Brazil

**CITIZENSHIP:** Brazil and Italy (double citizenship)

**FAMILY:** Married (Josiane) with two children (Patrick, 32 and Fernanda, 31)

**EDUCATION:**

1965 – 1970      School of Medicine, Universidade Federal do Rio Grande do Sul Brazil, graduated at age 22.

**IDIOMS OF PROFICIENCY:**

Portuguese, English, Italian, Spanish.

**POST GRADUATE TRAINING:**

1971 – 1974      Residency Program in General and Cardiovascular Surgery – Institute of Cardiology of Rio Grande do Sul, Brazil.

1975 – 1976      Surgical Fellow – University of Alabama in Birmingham, assigned to Dr. John Kirklin and Dr. Albert Pacifico.

**LICENSE AND CERTIFICATION:**

1972              Board Certified by Brazilian Society of Cardiology, Brazil.

1980              Board Certified by Brazilian Society of Cardiovascular Surgery.

## ACADEMIC APPOINTMENTS:

### ▪ Undergraduate:

- 1975 – 1977 Associate Professor of Physiology – Faculdade Federal de Ciências Médicas de Porto Alegre, Brazil.
- 1977 – 1990 Associate Professor, Cardiovascular Medicine and Surgery – Faculdade Federal de Ciências Médicas de Porto Alegre, Brazil.
- 1990 – present Professor, Cardiovascular Medicine and Surgery – Faculdade Federal de Ciências Médicas de Porto Alegre, Brazil.

### ▪ Postgraduate:

- 1983 – 1985 “Chairman” of the Course on Cardiovascular Physiology in the Ph.D. program of Physiology – University of Rio Grande do Sul, Brazil.
- 1984 – 1990 “Chairman” of the Course on Morphology of Congenital Heart Disease in the Ph.D. program of Cardiology – University of Rio Grande do Sul, Brazil.
- 1988 – 1994 Member of the Faculty – Ph.D. program in Cardiovascular Surgery – Escola Paulista de Medicina – São Paulo, Brazil.
- 1988 – present Director Residency Program in Cardiovascular Surgery, Santa Casa de Misericórdia de Porto Alegre, RS, Brazil.

## HOSPITAL APPOINTMENTS AND CLINICAL OR HOSPITAL RESPONSIBILITIES:

- 1958 – 1976 Chief, Animal Experimental Laboratory, Institute of Cardiology of Rio Grande do Sul, Brazil.
- 1977 – 1987 Chief – Research Department – Institute of Cardiology, Porto Alegre, Brazil.
- 1974 – 1997 Cardiovascular Surgeon (Staff) – Institute of Cardiology of Rio Grande do Sul, Brazil.
- 1987 – 1991 Director and Chief of Staff – Institute of Cardiology, Porto Alegre, Brazil.
- 1992 – present Surgeon in Chief – Hospital São Francisco of Cardiology and Transplants Brazil.
- 1992 – present Chairman, Department of Cardiology and Cardiovascular Surgery – Hospital São Francisco of Cardiology and Transplants Brazil. (2000 catheter procedures per year, 1.400 heart surgery procedures).

## MAJOR ADMINISTRATIVE RESPONSIBILITIES:

- 1977 – 1987 Chief, Department of Research – Institute of Cardiology of Rio Grande do Sul.
- 1986 - 1987 President, Rio Grande do Sul State Research Foundation,
- 1987 – 1991 Director and Chief of Staff – Institute of Cardiology of Rio Grande do Sul.
- 1992 – present Director and Chief of Staff – Hospital São Francisco of Cardiology and Transplants
- 1992 – 2004 Chief, joint committee for transplants – Hospital São Francisco (liver, kidney, pancreas, lung, and heart)
- 2004 - present Chief, joint committee for transplants – Hospital São Francisco de Cardiologia

## COMMUNITY SERVICES:

Coordinator of the reconstruction and enlargement of two medical Institutions: 1) Institute of Cardiology of Rio Grande do Sul and 2) Hospital São Francisco – Santa Casa de Misericórdia de Porto Alegre.

## SURGICAL EXPERIENCE:

At the present time, personal surgical activities account for 1,400 cardiovascular cases per year (75% adults, 25% children). Approximate total number of surgical procedures – 30.000 since 1975.

**SOCIETIES:**

ACC - American College of Cardiology – Fellow  
European Association for Cardiothoracic Surgery  
NASPE - North American Society of Pacing and Electrophysiology  
SOLAECE – Latin American Society of Pacing and Electrophysiology  
ICPES - International Cardiac Pacing and Electrophysiology Society  
ICS – International College of Surgeons  
SBC – Brazilian Society of Cardiology  
New York Academy of Science  
UAB Global Network – University of Alabama in Birmingham  
SBCCV – Brazilian Society of Cardiovascular Surgery  
DECA – Brazilian Cardiac Pacing Society  
CBC – Brazilian College of Surgeons  
Mexican Society of Cardiology  
SADEC - Argentine Society of Pacing  
Sociedade Brasileira de Circulação Extracorpórea e Órgãos Internos Artificiais  
Brazilian Department of Pediatric Cardiology  
Latin Society of Pediatric Cardiology  
Rio Grande do Sul Medical Association  
Rio Grande do Sul Cardiology Society

**ADDITIONAL PROFESSIONAL INSTITUTIONAL AND EXTRACURRICULAR ACTIVITIES:**

1978 – 1980           Member of Commission for Continuous Medical Education – Brazilian society of Cardiology.

1978 – 1988           National Postgraduation Council (CAPES) – Ministry of Education President of the Medical Division

1980 – 1983           Brazilian Society of Cardiology Member of the Board of Administrators.

1981 – 1983           Member of National Committee for Medical Residence Program – Ministry of Education

1981 – 1983           Brazilian Department of Pediatric Cardiology – Secretary

1982 – 1984           Latin American society of Pacing – Vice-President

1983 – present        International Society of Pacing Contact Person for Brazil

1983 – 1985           National Research Council (CNPq) Ministry of Science and Technology – President of the Medical Committee.

1984 – 1989           Research Foundation of Rio Grande do Sul (FAPERGS) State Government – President

1985 – 1989           Latin American Society of Pacing – President

1986 – 1987           Society of Cardiology of Rio Grande do Sul – President

1988 – 1989           Brazilian Cardiac Pacing Society – President

1998 – 2000          Brazilian Cardiac Pacing Society – Vice-President

**EXTRAMURAL EDUCATIONAL ACTIVITIES**

1977                   Secretary General and Organizer – XXXIII Brazilian Congress of Cardiology – Porto Alegre – July, 1977

1980                   Chairman and Organizer (with Robert H. Anderson and Anton E. Becker) – 1<sup>st</sup> Course on Morphology of Congenital Heart Disease – Curitiba – Mar. 1980 (closed TV circuit with specimens)

1982                   Chairman and Organizer (with Robert H. Anderson, Anton E. Becker, Benigno Soto and Michael Rigby) 2<sup>nd</sup> Course on Morphology of Congenital Heart Disease – Porto Alegre – May, 1982. (TV circuit with specimens and live TV transmission of cath in surgical procedures)

1982                   President and Organizer (with John Kirklin) VIII Brazilian Congress of Pediatric Cardiology – Porto Alegre – May, 1982.

1984                   Organizer 1<sup>st</sup> Symposium on Postgraduation in Medicine, Rio de Janeiro, May, 1984.

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|------------|---|
| 1983       | President Scientific Board – XLI Brazilian Congress of Cardiology – Porto Alegre – Sept. 1985.  |
| 1984       | Chairman and Organizer (with Robert H. Anderson, Anton E. Becker, Michael Rigby, Michael Tynan) – 3 <sup>rd</sup> Course on Morphology of Congenital heart Disease, Porto Alegre, Apr, 1986 (closed TV circuit with specimens and live surgical procedures) |
| 1986       | Vice-President and Organizer – 12 <sup>th</sup> South American Congress of Cardiology, Porto Alegre, May 1986.  |
| 1985       | Member Scientific board – 3 <sup>rd</sup> Latin Congress of Pediatric Cardiology, São Paulo, Apr, 1987.   |
| 1986       | President and Organizer – 2 <sup>nd</sup> Latin American Congress of Pacing (SOLAECE), Porto Alegre, Nov, 1989.   |
| 1997       | Member Steering Committee – World Congress of Pediatric Cardiology, Hawaii, June, 1997.   |
| 1998       | Member of the International Scientific Committee of the 9 <sup>th</sup> World Congress of Cardiology, Rio de Janeiro, Brazil, Apr. 1998.  |
| 1998       | Faculty Member of the Symposium on Left Ventricle Reduction - The Batista Operation, Montesilvano, Pescara, Italy, June 1998.   |
| Since 1976 | Organizer of more than 30 other Medical Meetings in Brazil.   |

**PRESENT EDITORIAL BOARD ASSIGNMENTS:**

- The Journal of Cardiovascular Surgery (USA)
- Cardiology in the Young (England) (Editor for Latin America)
- International Journal of Cardiology (England)
- Revista Brasileira e Latino-Americana de Marcapasso e Arritmia (Brazil)
- Progress in Biomedical Research (Germany)

**INTERNATIONAL RECOGNITION:**

|              |   |
|--------------|---|
| 1985-1989    | Past-President of SOLAECE – Latin American Society of Pacing and Electrophysiology                                    |
| 1991-2000    | Member of the Board of the International Cardiac Pacing and Electrophysiology Society – ICPEES (8 years assignment)   |
| 1993 – 2000t | Member of the Scientific Board of the Institute of Biomedical Engineering, University of Erlangen, Nürnberg, Germany. |
| 1994 – 2002  | Member of the Steering Committee of the World Congress of Pediatric Cardiology (8 years assignment)                   |
| -            | Faculty Member of the International Postgraduate Course in Pediatric Cardiology, Bergamo, Italy.                      |

**RESEARCH INTERESTS:**

1. Adult Heart Surgery – Valves, Heart Failure, Heart Transplant, Partial Left Ventriculectomy, Hybrid CV Surgery
2. Pediatric Cardiac Surgery – Heart Lung Bypass, Transposition of great arteries, Neonatal surgery,
3. Electrotherapy of the heart (defibrillators, pacemaker single lead DDD, closed loop pacing, transplant rejection monitor.

**GRANT SUPPORT:**

Supported by many grants in the last 20 years, from National Research Council, Rio Grande do Sul State Research Foundation, Medtronic, Telectronics, Biotronik, Bentley, Dideco, BRAILE DMG.

**PARTICIPATION IN TECHNOLOGY DEVELOPMENT:**

|      |   |
|------|---|
| 1969 | Heart Lung Machine, Prosthetic Ball Valve,  |
| 1975 | Mitral Valve Dilator (Codman),  |
| 1996 | First Brazilian Neonatal and Infant Oxigenators, First clinically approved Single Lead DDD Pacemaker (OLBI) |
| 1997 | First Implantable Transplant Rejection Monitor  |
| 2008 | Cognition Pacemaker   |
| 2010 | Stingray pacemaker electrode  |

**BIBLIOGRAPHY**

|  |     |
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| Book chapters in different medical books .....           | 52  |
| Medical Papers publish .....                             | 226 |
| Abstracts presented to medical meetings .....            | 630 |
| Medical Lectures .....                                   | 681 |
| Lectures to the lay population on medical subjects ..... | 400 |
| Medical books published .....                            | 4   |
| Books for lay population on medical subjects .....       | 16  |