

## CURRICULUM VITAE

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### MEDICAL EDUCATION:

December, 1985                      Physician                      University of Buenos Aires Medical School

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### ADMINISTRATIVE EDUCATION

July 2020- Now                      Master in Health Administration                      Stony Brook University  
(10 courses completed)                      GPA: 3.91

February 2014                      Meta-Leadership and Conflict Resolution Course  
Harvard School of Public Health

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### SURGICAL TRAINING

July 1996, June 1997                      Advanced Cardiac Surgery Fellow                      Brigham and Women's Hospital  
July 1994, June 1996                      Cardiac Surgery Fellow                      Harvard Medical School

Feb 1992, June 1994                      Cardiac Surgery Fellow                      Saint Vincent Hospital &  
University of Massachusetts  
Medical School

July 1991, February 1992                      Internship, General Surgery                      Maimonides Medical Center.  
Brooklyn, NY

June 1987, May 1990                      Resident in General Surgery                      Finochietto Hospital.  
Buenos Aires, Argentina.

**CURRENT CLINICAL and LEADERSHIP POSITION**

August 21, 2023	<b>Faculty Cardiac Surgeon Department of Cardiothoracic Surgery NYU Langone Medical Center</b>
August 21, 2023	<b>Chief, Cardiothoracic Surgery Bellevue Hospital</b>

**CURRENT ACADEMIC POSITION**

August 21, 2023	<b>Clinical Associate Professor Department of Cardiothoracic Surgery</b>
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**PREVIOUS CLINICAL and ACADEMIC POSITIONS**

December 1, 2018	<b>Staff Cardiac Surgeon Division of Cardiothoracic Surgery</b>	Stony Brook University Hospital
October 1, 2021	<b>Associate Chief, Division of Cardiothoracic Surgery Department of Surgery Director, Advanced Coronary Bypass Surgery Director, Hispanic Heart Center</b>	
December 1, 2018	<b>Visiting Associate Professor Department of Surgery Division of Cardiothoracic Surgery</b>	Stony Brook University
Sept 2014-December 2018	<b>Staff Cardiovascular Surgeon Chief of Cardiac Surgery</b>	Rush University Medical Center Rush Copley Medical Center
	<b>Associate Professor of Cardiovascular &amp; Thoracic Surgery</b>	Rush University. Chicago, IL
July 2013-Sept 2014	<b>Chief of Cardiovascular Surgery</b>	Italian Hospital of Buenos Aires Buenos Aires, Argentina
Jan 2005-June 2013	<b>Chief of Cardiac Surgery (<i>Salary</i>)  Staff Cardiac Surgeon Cardiac Transplantation Surgeon</b>	Nashville VA Medical Center Tennessee Valley Healthcare System  Vanderbilt University Medical Center
	<b>Assistant Professor of Cardiac Surgery</b>	Vanderbilt University

Nov 2002-Dec 2005

**Associate Surgeon (Salary)**

Brigham & Women's and

Cape Cod Hospital

**Instructor in Surgery (Salary)**

Harvard Medical School

Aug 1997-Oct 2002

**Staff Cardiac Surgeon**

Umass-Memorial Healthcare

**Assistant Professor of Surgery**

University of Massachusetts

*(Salary)*

## PREVIOUS ADMINISTRATIVE APPOINTMENTS

Sept 2014-Dec 2018	Chief of Cardiac Surgery. Rush Copley Medical Center
July 2013-Sept 2014	Chief of Cardiovascular Surgery Department Italian Hospital of Buenos Aires
July 2013-Sep 2014	Chief of Section. Surgical Ischemic Heart Disease Italian Hospital of Buenos Aires
July 2013-Sept 2014	Administrative Chief of Section. Vascular Surgery Italian Hospital of Buenos Aires
Oct 2013-Sept 2014	Co-Director. Ischemic Cardiomyopathy Group (GCI) Italian Hospital of Buenos Aires
Jan 2011-June 2013	Medical Director. Vanderbilt School of Cardiovascular Perfusion
Jan 2006-June 20013	Chairman. Vanderbilt Hybrid Operation Room Committee
Jan 2006-Dec 2008	Interim Surgical Co-Director. Vanderbilt Cardiac Transplantation
Jan 2006-Dec 2008	Interim Director. Nashville VA Cardiac Transplantation
Jan 2005-June 2013	Chief of Cardiac Surgery. Nashville VA medical Center

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## INTERNATIONAL BOARD CERTIFICATION: ADULT CARDIAC SURGERY

Nov. 2001	<i>Certification:</i> Argentine College of Cardiovascular Surgeons
July 2013	<i>Recertification:</i> Argentine College of Cardiovascular Surgeons

## MEDICAL LICENSES:

April 2018	Pennsylvania Medical License	<b>Active</b>
Feb 2018	State of New York. # 292656	<b>Active</b>
Oct 2014	Illinois Medical License # 36136654	<b>Active</b>
Jan 2005	Tennessee License # 39371	<b>Active</b>
Oct 1996	Massachusetts License # 152790	<b>Active</b>

Illinois Controlled Substances	336 098 102
Federal DEA	BB 5539412
Massachusetts Controlled Substances	MB 0933021 A

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## AWARDS AND HONORS

2007	The Andrew Foster Award (Co-investigator) University of Washington
1999	CHEST Foundation Young Investigator Award American College of Chest Physicians
1982 -1985	Scholarship for Academic Performance Department of Physiology. University of Buenos Aires Medical School

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## PROFESSIONAL AND SCIENTIFIC SOCIETIES MEMBERSHIP *(Past and Current)*

2020	Suffolk County Medical Society, New York
2020	European Association for Cardio-Thoracic Surgery
2017	Northeast Cardiothoracic Surgical Society
2012	Harvard Club de Argentina
2012	Vanderbilt Institute of Global Health
2012	Leading Physicians of the World
2008	Society of Thoracic Surgeons
2004	Argentine Society of Cardiology
2002	Fellow of the American College of Chest Physicians
2000	American Heart Association
2000	Argentine College of Cardiovascular Surgeons
1991	American College of Cardiology
1991	American Medical Association
1987	Asociacion Medica Argentina
1987	Asociacion Argentina de Cirugia

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## PROFESSIONAL SERVICE

### A. Prior Leadership Positions

- Chief of Cardiovascular Surgery Department, Italian Hospital of Buenos Aires
- Chief of Section. Surgical Ischemic Heart Disease, Italian Hospital of Buenos Aires
- Administrative Chief of Section. Vascular Surgery, Italian Hospital of Buenos Aires
- Co-Director. Ischemic Cardiomyopathy Group (GCI), Italian Hospital of Buenos Aires
- Medical Director. Vanderbilt School of Cardiovascular Perfusion
- Chairman. Vanderbilt Hybrid Operation Room Committee
- Interim Surgical Co-Director. Vanderbilt Cardiac Transplantation

- Interim Director. Nashville VA Cardiac Transplantation
- Chief of Cardiac Surgery. Nashville VA Medical Center

### **B. Committees and workforces**

2019	Q/A Committee. Department of Surgery. Stony Brook University
2019	Mortality Committee. Stony Brook University
2017	STS Workforce for International Affairs
2016	Structural Heart Disease. Rush University
2015	Hospital Length of Stay Process Improvement. Rush Copley
2015	Blood Utilization Process Improvement. Rush Copley
2014	Heart Valve Disease Group. Rush-Copley Medical Center. Director
2012	High Reliability Steering Committee. Vanderbilt University
2009	Institutional Review Board. Nashville VA Medical Center. TVHS
2008	Transfusion & Tissue Committee. Nashville VA Medical Center. TVHS
2004	Chairman: SICU and ICU Committees. Nashville VA Medical Center
2003	Argentine College of Cardiovascular Surgeons Representative in the United States.
2002	Infections Control. Cryolife Recall Ad Hoc Committee. Umass-Memorial Health Care
2001	Marginal Cardiac Donor Policy Working Group
2001	New England Consortium for Heart Transplantation. Umass-Memorial Health Care
2000	Cardiac Transplantation Organizational Group Umass-Memorial Health Care
1999	Ad Hoc Committee on Minimally Invasive Cardiac Surgery. St. Vincent Hospital

### **C. Management and oversight of Satellite Cardiac Surgery Programs**

2002-2005	Brigham & Women's Hospital, Harvard Medical School and Cape Cod Hospital Boston, MA and Cape Cod, MA
2005-2013	Vanderbilt University Medical Center and Maury Regional Hospital Nashville, TN and Columbia, TN (2005-2013)
2013-2014	Hospital Italiano de Buenos Aires and Hospital de San Justo Buenos Aires City and La Matanza, Buenos Aires Province (2013-2014)
2014-2018	Rush University Medical Center & Rush Copley Medical Center Chicago, IL and Aurora, IL (2014-2018)

### **D. Programs developed within an organization**

1. **Advanced Coronary Bypass Surgery Program.** I led the developed of this program at **Stony Brook University Hospital** in order to treat patients with advanced coronary artery disease and ischemic cardiomyopathy. Most of these patients have heart failure (Ischemic Heart Failure) and their treatment extends beyond the traditional CABG. The Advanced Coronary Program includes procedures such as Off-Pump Bypass Surgery, Coronary Endarterectomy, Trans-myocardial Laser Revascularization, Ventricular Aneurysm repair, Dor procedure, ventricular rupture operations and surgical revascularization supported with devices such as Intra-aortic balloon pump and Impella. Minimally Invasive Coronary Bypass Surgery, Robotic Assisted and Hybrid Revascularization procedures (CABG + Stents) are included in this program.
2. **Cardiology-Cardiac Surgery High-Risk and Complex Case Conference. Stony Brook University Hospital (Co-Director).** Robert Pyo, MD (Director of the Cardiac Catheterization Laboratory and Medical Director of Structural Disease) and I developed this conference to discuss prospectively in a multidisciplinary fashion complex and high-risk patients with heart disease. It is a working conference to assist with clinical decision making. Started Nov 13, 2019. Continued. List of patients, diagnosis, treatment selected, short term and follow up is kept and updated on a regular base.
3. **Hispanic Heart Center.** This program is still at an early stage of development at **Stony Brook**. The mission of this program is to treat Hispanic patients with heart disease beyond transcultural barriers in order to ameliorate health care disparities in the region. Other clinical areas in the Hospital (Cancer Center) as well as academic areas are partners in these programs in order to make this program institution wide beyond the clinical arena and also beyond cardiac disease.
4. **Structural Heart Disease and Valve Surgery Conference and Clinic. Rush Copley Medical Center. Co-Director.** Develop a multidisciplinary group for the presentation and discussion of clinical cases with complex structural heart disease.
5. **Advanced Valve Surgery Program, Rush Copley Medical Center.** Developed a successful cardiac valve program performing mitral valve repairs, double valve operations, septal myomectomies for IHSS, valve surgery for infective endocarditis, etc. These contributions in the context of a continuum of care with Rush University and the TAVR program.
6. **Off Pump Coronary Surgery Program, Rush Copley Medical Center.** Developed a successful Off Pump CABG program in an environment where no off-Pump CABG was done before.
7. **Off Pump Coronary Surgery, Italian Hospital of Buenos Aires.** Developed a successful Off Pump CABG program in an environment, which was reluctant to embrace it. Demonstrated better outcomes compared to on pump CABG.
8. **Intraoperative neuro-protective strategy in cardiac surgery, Italian Hospital of Buenos Aires.** Just like at Nashville VA, the routine utilization of intraoperative epi-aortic ultrasound to minimize the rate of perioperative strokes.
9. **Off-Pump Coronary Surgery, Nashville VA Medical Center.** This program was developed in 2008. Initially supported by Vanderbilt, the VA Cardiac Surgery Team acquired autonomy in the performance of these procedures very soon. Up to date, The VA has performed more than 220

off-pump bypass operations including triple vessel diseases and reoperations. Our VA Program is now one of the top 5 programs in the VA System in Off-Pump Coronary Surgery volume. The clinical outcomes have been excellent and almost 100% of all coronary operations are being performed Off-Pump.

The Cardiac Surgery Residents are actively involved acquiring expertise in this area.

10. **Trans-myocardial Laser Revascularization.** The utilization of CO2 laser was introduced to Vanderbilt in 2007. This procedure is intended for myocardial revascularization in high risk patients who are not candidates for conventional revascularization procedures: coronary bypass surgery or angioplasty and stents.
11. **Cerebral Oxymetry.** This technology was introduced to Vanderbilt in 2006. The purpose of its use in Cardiac Surgery is to minimize the incidence of strokes during cardiac surgery operations by monitoring the concentration of oxygen in the outer layer of the brain in the frontal area.
12. **Neurological Protection Strategy.** It was introduced by me to Nashville VA Medical Center to prevent strokes during cardiac surgery operations. It is similar to the one designed in Cape Cod Hospital. This strategy has two components: Cerebral Oxymetry combined with the use of intraoperative ultrasound in the ascending aorta. 2005.
13. **Cardiac Procurement Protocol:** This document provides a checklist and sets a prepared package to assist the assigned cardiac transplantation surgeon with the equipment necessary for the donor operation. UMass-Memorial 2001.
14. **Short-Term Ventricular Assist Protocol:** This protocol suggests the course of action in the management of patients in cardiogenic shock after cardiac surgery, after a myocardial infarction, acute viral myocarditis or severe ventricular arrhythmias. UMass-Memorial 2000.

### E. Symposium Organization

1. **Balaguer JM, Umaña J.** STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, Colombia. September, 2018. **Session builder of the Coronary Track module.**
2. **Balaguer JM, Umaña J.** STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, Colombia. Will be in September, 2017. **Session builder of the Coronary Track module.**
3. **Balaguer JM, Gill S.** Rush-Copley Medical Center Heart Symposium. Co-Director. 2017. Naperville, IL.
4. **Balaguer JM, Gill S.** Rush-Copley Medical Center Heart Symposium. Co-Director. 2016. Naperville, IL.
5. **Balaguer JM, Berrocal D, Garcia Monaco R, Belziti C, Cagide A.** Program Director. CUORE Cardiology Pre-Congress Symposium. Buenos Aires 2014
6. **Balaguer JM, Berrocal D, Garcia Monaco R, Belziti C, Cagide A.** Program Director. CUORE Cardiology Pre-Congress Symposium. Buenos Aires 2013



## **F. International Service**

### **1. International Administrative Leadership Positions**

July 2013-Sept 2014 (Salary)	<b>Chief of Cardiovascular Surgery</b> Italian Hospital of Buenos Aires Buenos Aires, <b>Argentina</b>
July 2013-Sep 2014	Chief of Section. Surgical Ischemic Heart Disease Italian Hospital of Buenos Aires, <b>Argentina</b>
July 2013-Sept 2014	Administrative Chief of Section. Vascular Surgery Italian Hospital of Buenos Aires, <b>Argentina</b>
Oct 2013-Sept 2014	Co-Director. Ischemic Cardiomyopathy Group (GCI) Italian Hospital of Buenos Aires, <b>Argentina</b>

### **2. International Committees and Workforces**

2017-now	STS Workforce for International Affairs
2003-now	Argentine College of Cardiovascular Surgeons Representative in the United States. <b>Argentina</b>

### **3. International Board Certifications**

Nov. 2001	<i>Certification:</i> Argentine College of Cardiovascular Surgeons
July 2013	<i>Recertification:</i> Argentine College of Cardiovascular Surgeons

### **4. International Awards**

1982 -1985	Scholarship for Academic Performance. Department of Physiology. University of Buenos Aires Medical School, <b>Argentina</b>
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### **5. International Professional Societies and Memberships (previous and current)**

2012	Harvard Club de Argentina
2012	Vanderbilt Institute of Global Health
2012	Leading Physicians of the World
2004	Argentine Society of Cardiology
2000	American Heart Association
2000	Argentine College of Cardiovascular Surgeons
1991	American Medical Association
1987	Asociacion Medica Argentina
1987	Asociacion Argentina de Cirugia

## 6. International Exchange Programs

### **Clinical rotations I have coordinated for educational purposes**

<b>Name</b>	<b>Institution, City and Country of origin</b>	<b>Duration</b>
Eduardo Dulvecco, MD	Favaloro Foundation, Buenos Aires, Argentina 2005 Cardiovascular Surgery (Faculty)	(1 month)
Mariella Mir, MD	Favaloro Foundation , Buenos Aires, Argentina 2005 Cardiovascular Anesthesia (Faculty)	(1 month)
Mariano Masciochi, MD	Swiss-Argentine Clinic, Buenos Aires, Argentina 2008 Cardiology Faculty	(1 month)
Florencia Scattini, MD	Swiss-Argentine Clinic, Buenos Aires, Argentina 2009 Cardiology Fellow	(1 month)
Carla Cucurel, MD	Swiss-Argentine Clinic, Buenos Aires, Argentina 2010 Cardiology Fellow	(1 month)
Javier Ferrero, MD	Cadiz Hospital, Cadiz, Spain 2010 Cardiovascular Surgery (Faculty)	(1 week)
Natalia Carli, MD	Posadas Hospital, Buenos Aires, Argentina 2011 Cardiology Fellow	(1 month)
Jorge Paredes, MD	Finocchieto Hospital, Buenos Aires, Argentina 2012 Cardiovascular Surgeon (Faculty)	(3 months)
Fabian Montalbo, MD	Private Clinic of Guayaquil, Guayaquil, Ecuador 2012 Cardiovascular Surgeon	(1 week)
Alejandro Figar, MD	Italian Hospital, Buenos Aires, Argentina 2012 General Anesthesia (Faculty)	(1 week)
Hernan Boveri, MD	Italian Hospital, Buenos Aires, Argentina 2012 General Anesthesia	(1 week)
Cesar Mendoza, MD Cardiovascular Surgeon (Faculty)	Instituto del Corazon, Lima, Peru 1997 <i>** this rotation was at The University of Massachusetts</i>	(3 months)

### **Clinical Rotation of Pre-Medical Students from the US in Argentina for educational purposes**

<b>Name</b>	<b>Rotation at</b>	<b>City and Country of origin</b>	<b>Duration</b>
Rebecca Williams Pre-Med Student Vanderbilt University	Swiss-Argentine Clinic Buenos Aires, Argentina	Nashville, TN 2012	(1 month)
Tommy Saborido Pre-Med Student Vanderbilt University	Italian Hospital Buenos Aires, Argentina	Nashville, TN US 2014	(3 months)

## **7. International Symposium Organizations**

7. **Balaguer JM, Umaña J.** STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, Colombia. September, 2018. ***Session builder of the Coronary Track module.***
8. **Balaguer JM. Umaña J.** STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, Colombia. Will be in September, 2017. ***Session builder of the Coronary Track module.***
9. **Balaguer JM,** Berrocal D, Garcia Monaco R, Belziti C, Cagide A. Program Director. CUORE Cardiology Pre-Congress Symposium. Buenos Aires 2014
10. **Balaguer JM,** Berrocal D, Garcia Monaco R, Belziti C, Cagide A. Program Director. CUORE Cardiology Pre-Congress Symposium. Buenos Aires 2013

## **8. Invited International Lectures**

1. **Balaguer JM.** Acute Coronary Syndrome and Moderate to Severe Valvular Disease: Always Surgical? Argentine Congress of Cardiology. Buenos Aires, **Argentina 2013.**
2. **Balaguer JM.** Off-Pump Coronary Surgery: A Catalytic Towards a Superior Coronary Operation. Symposium of Cardiology: Alumni 2013. Italian Hospital of Buenos Aires. **Argentina.**
3. **Balaguer JM.** Coronary Surgery in Acute Coronary Syndrome. Symposium of Cardiology: Alumni 2013. Italian Hospital of Buenos Aires. **Argentina.**
4. **Balaguer JM.** Off-Pump Coronary Surgery is Superior compared to On-Pump CABG. Symposium of Cardiology CUORE 2013. Italian Hospital of Buenos Aires. **Argentina.**
5. **Balaguer JM.** Off-Pump Coronary Surgery. Symposium for Cardiologist in Rural Aires. Italian Hospital of Buenos Aires, **Argentina 2013.**
6. **Balaguer JM.** If Off-Pump CABG is superior, why it is difficult to demonstrate it in academic forums? Symposium. Swiss-Argentine Clinic 2012. Buenos Aires, **Argentina.**
7. **Balaguer JM.** How to Organize Minimally Invasive Coronary Surgery Program. Symposium. Swiss-Argentine Clinic 2012. Buenos Aires, **Argentina.**
8. **Balaguer JM.** Robotic Coronary Surgery. Symposium. Swiss-Argentine Clinic 2011. Buenos Aires, **Argentina.**
9. **Balaguer JM.** Evolution Of Minimally Invasive Coronary Surgery. Symposium. Swiss-Argentine Clinic 2011. Buenos Aires, **Argentina.**
10. **Balaguer JM,** Levin R. Trans-myocardial Laser Revascularization. Review of Literature. Symposium. Swiss-Argentine Clinic 2010. **Argentina.**
11. **Balaguer JM.** Transition from On-Pump to Off-Pump Coronary Surgery with Excellent Outcomes. Symposium. Swiss-Argentine Clinic 2010. **Argentina.**
12. **Balaguer JM:** Debate. Multivessel Coronary Artery Disease. Bypass Surgery is the Best Treatment. Symposium. Swiss-Argentine Clinic 2009. **Argentina.**
13. **Balaguer JM:** Hybrid Operating Room in Cardiovascular Surgery. Symposium. Swiss-Argentine. Buenos Aires, **Argentina 2008.**
14. **Balaguer JM:** Neurological Protection in Cardiovascular Surgery. Symposium. Swiss-Argentine Clinic. Buenos Aires, **Argentina 2008.**
15. **Balaguer JM:** Debate. Aortic valve replacement. Surgical Vs. Percutaneous Techniques. Symposium. Swiss Argentine Clinic. Buenos Aires, **Argentina.** May 2007.

16. **Balaguer JM:** Hybrid concept. Hybrid Operating Room in Modern Cardiac Surgery. Invited lecture. Swiss Argentine Clinic. Buenos Aires, **Argentina**. October 2006.
17. **Balaguer JM:** Complex Cardiac Transplantation. Invited reviewer. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
18. **Balaguer JM:** Debate. The use of Biologic Valves vs. Mechanical Valves in Aortic Position. Symposium. Swiss Argentine Clinic. Buenos Aires, **Argentina**. October 2006.
19. **Balaguer JM:** Ventricular Assist Devices as Destination Therapy. XXXII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2005.
20. **Balaguer JM:** Treatment for Heart Failure. Invited reviewer. XXXII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2005.
21. **Balaguer JM:** HIV, AIDS and Cardiovascular Surgery. Current perspective. Presented at the XXXI Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2004.
22. **Balaguer JM:** Assisted Circulation. Realities and Utopias. Presented at the XXXI Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2004.
23. **Balaguer JM:** Cardiac Transplantation. Perspective from a developed society. Presented at the XXXI Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2004.
24. **Balaguer JM:** Monitoring of Brain Protection during Profound Hypothermia and Circulatory Arrest. Presented at the National Cardiovascular Surgery meeting. Buenos Aires, **Argentina**. September 2004.
25. **Balaguer, JM:** AbioCor. The Abiomed Total Artificial Heart. The Buenos Aires French Hospital Grand Rounds. Buenos Aires, **Argentina**. March 2001.
26. **Balaguer, JM:** Management of Cardiogenic Shock. The Buenos Aires French Hospital Grand Rounds. Buenos Aires, **Argentina**. March 2001.
27. **Balaguer, JM:** History, present and future of the Total Artificial Heart. Cardio Junin Grand Rounds. Buenos Aires, **Argentina**. March 2001.
28. **Balaguer, JM:** Short-term Ventricular Assist for patients in Cardiogenic Shock. UMass Cardiothoracic Surgery Grand Rounds, January 2001. **Argentina**.
29. **Balaguer, JM:** Minimally Invasive Vein Harvesting. Instituto de Cardiología del Hospital Español. Buenos Aires, **Argentina**. July 1999.
30. **Balaguer, JM:** Minimally Invasive Vein Harvesting. Clinica Suizo-Argentina. Buenos Aires, **Argentina**. July 1999.
31. **Balaguer, JM:** Minimally Invasive Cardiac Valve Surgery. Clinica Suizo-Argentina. Buenos Aires, **Argentina**. July 1999.
32. **Balaguer JM:** The Saint Vincent's Fast Track Protocol. Presented at the British Hospital: Cardiology, Cardiac Surgery and Critical Care Divisions. Buenos Aires, **Argentina**: September 1994.

## 9. International Publications

1. Marenchino R, Domenech A, Kotowicz V, **Balaguer JM:** Double Valve Replacement Associated with Mitro-Aortic Fibrosa Reconstruction in Patients with Prosthetic Valve Endocarditis (*Doble Reemplazo Valvular asociado con Reconstruccion de la Fibrosa Mitro-aortica en Pacientes con Endocarditis Protésica*). Rev Argent Cardiol 2015; 83:60-61.
2. **Balaguer JM:** Is AIDS a contraindication for Coronary Surgery? Case of Interest and review of the literature. Argentine College of Cardiovascular Surgeons, November 2003. On line.

3. **Balaguer JM**, Davaro RE: AIDS and the Heart. SIDA y Corazon. Revista Argentina de Cardiologia 2003; 71:365-371.
4. **Balaguer JM**, Davaro R. Tratamiento de la Endocarditis Bacteriana del Siglo XX. Revista Argentina de Cardiologia 1999, 67;5: 675-685.
5. **Balaguer JM**, Perry D, Parachuri V, Morell V, Moran J: Programa de Recuperacion Rapida "Fast Track" en Cirugia de Revascularizacion Miocardica. Revista Argentina de Cardiologia. Vol.65: #5, Sept.-Oct. 1997.
6. Imventarza O, Lendoire J, R. Rilo H, **Balaguer JM**, Starzl T: Old Donors in Orthotopic Liver Transplant. Revista Argentina de Cirugia, 1990; 59: 233-236.

## **10. International Monographs**

**Balaguer JM**, Molinari P: Aneurismas de Aorta Abdominal. Monograph. Presented at the Asociacion Argentina de Cirugia. Buenos Aires, Argentina: November 1989.

## **11. International Abstracts**

1. Marenchino R, Domenech A, Kotowicz V, **Balaguer JM**: Third time valve operation for prosthetic valve infective endocarditis involving the intervalvular fibrous body. A proposed Surgical Approach. Florida Valve International 2014. From the Italian Hospital of Buenos Aires, **Argentina**.
2. Levin RL, Degrange M, Byrne JG, Leacche M, **Balaguer JM**. The Use of Recombinant Factor VII is Not Associated with Thrombotic Events in the Early Postoperative Period of Cardiac Surgery. XXXVI Congress of Cardiology. Buenos Aires, **Argentina 2010**.
3. Levin RL, Degrange M, Leacche M, **Balaguer JM**, Absi TA, Byrne JG. Recombinant factor VII is effective in the treatment of refractory bleeding after cardiac surgery. XXXVI Congress of Cardiology. Buenos Aires, **Argentina 2010**.
4. Levin RL, Degrange M, **Balaguer JM**. Non Invasive Diagnoses and Surgical treatment of Anomalous Origen of Coronary Arteries. XXXVI Congress of Cardiology. Buenos Aires, **Argentina 2010**.
5. Levin RL, Degrange M, Byrne JG, Leacche M, **Balaguer JM**. Recombinant Factor VII in coronary patients. XXXVI Congress of Cardiology. Buenos Aires, **Argentina 2010**.
6. **Balaguer JM**, Eby E, Cai S, Absi TS, Leacche M, Waly A, Feinler A, Greelish JP, Ahmad R, Levin R, Byrne JG. Stroke Reduction in Coronary Surgery using a Simple Intraoperative Strategy in a High-Risk Patient Population. World Congress of Cardiac and Thoracic Surgery. Buenos Aires, **Argentina 2009**.
7. Levin RL, Degrange M, Leacche M, Petracek M, Byrne JG, **Balaguer JM**. Utilidad del Cateter de Swan-Ganz con capacidad de Marcapasos en Combinacion con Cirugia Mitral Minimamente Invasiva. XXXV Argentine Congress of Cardiology. Buenos Aires, **Argentina 2009**.
8. Levin RL, Degrange M, **Balaguer JM**. Eficacia y Seguridad del Factor VII Recombinante en Cirugia Cardiaca. XXXV Argentine Congress of Cardiology. Buenos Aires, **Argentina 2009**.
9. Levin RL, Degrange M, Del Mazo C, Tanus E. **Balaguer JM**. Empleo Subclavio de Contrapulsacion como Puente al Trasplante. XXXV Argentine Congress of Cardiology. Buenos Aires, **Argentina 2009**.
10. Eagle S, Umakanthan R, Leacche M, Petracek M, Solenkova N, **Balaguer JM**, Ahmad RA, Greelish JP, Ball SK, Hoff SJ, Byrne JG. Minimally Invasive Mitral Valve Surgery Without Aortic Cross Clamping. An Alternative for Reoperative Cardiac Surgery. World Congress of Cardiology. Buenos Aires, **Argentina 2008**.
11. **Balaguer JM**, Zhao DX, Greelish JP, Leacche M, Ahmad R, Petracek MR, Absi TS, Ball SK, Byrne JG: Hybrid Percutaneous Interventions with Coronary Artery Bypass Grafting Vs. Standard CABG Surgery. The Journal of Coronary Artery Disease 2007. VII; 1: 2. Venice, **Italy**.
12. Leacche M, Zhao DX, Greelish JP, **Balaguer JM**, Ahmad R, Petracek MR, Absi TS, Ball SK, Byrne JG. Determinants of Intraoperative Graft Failure in CABG Surgery: Findings of Routine Intraoperative Angiogram. The Journal of Coronary Artery Disease 2007. VII; 1:175. Venice, **Italy**.

13. Kumar S, Zhao D, Greelish J, **Balaguer JM**, Ahmad R, Petracek M, Byrne J. Intra-operative completion angiography after CABG with immediate percutaneous or surgical revision of defects: one year experience from the Vanderbilt hybrid catheterization and operating room. **Australian ASCTS/ISHICS**, October 2006.
14. Kumar S, Petracek M, Greelish J, Ahmad R, **Balaguer JM**, Absi T, Byrne J. Ultra Minimally Invasive Mitral Valve Surgery Without Aortic Cross Clamp. **Australian ASCTS/ISHICS**, October 2006.
15. Levin R, Degrange M, Porcile R, Ini A, Salvagio F, Blanco N, Botbol L, **Balaguer JM**. *El Levosimendan reduce la mortalidad y el tiempo de internacion en el sindrome de bajo volumen minuto postoperatorio*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
16. Levin R, Degrange M, Porcile R, Blanco N, Levorati E, Ini A, Botbol L, **Balaguer JM**. *Una decada de uso del balon de contrapulsacion en Cirugia cardiaca. Porcentaje de empleo y patrones de utilizacion*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
17. Levorati E, Blanco N, Botbol L., **Balaguer JM**. *Balon de contrapulsacion en Cirugia no cardiaca*. XXXIII Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2006. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
18. Levin R, Degrange M, Porcile R, Del Mazo C, Salvagio F, Blanco N, Botbol L, **Balaguer JM**. *Utilizacion anterograde (subclavia) del balon de contrapulsacion*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
19. Levin R, Degrange M, Porcile R, Salvagio F, Botbol L, Blanco N, Ini A, **Balaguer JM**. *Reduccion de la mortalidad y del sindrome de bajo volumen minuto postoperatorio mediante el uso preoperatorio de levosimendan en valvulars aorticcos con mala funcion ventricular*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
20. Levin R, Degrange M, Porcile R, Salvaggio F, **Balaguer JM**. Blanco N, Botbol L, Ini A, *Analisis de 10 años de complicaciones asociadas al empleo del balon de contrapulsacion*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
21. Levin R, Degrange M, Porcile R, Salvagio F, Ini A, Botbol L, Blanco N, **Balaguer JM**. *Empleo prolongado (>72 hs.) del balon de contrapulsacion intra-aortico*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
22. Levin R, Degrange M, Porcile R, Levorati E, **Balaguer JM**. Blanco N, Salvagio F, Botbol L, *El empleo preoperatorio de Levosimendan redujo la mortalidad y el desarrollo de bajo gasto postoperatorio en Pacientes coronarios con mala y muy mala funcion ventricular*. XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
23. **Balaguer JM**, Zhao D, Greelish J, Ahmad R, Absi T, Petracek M, Byrne J. Surgery in the Hybrid Operating Room. Coronary Surgery, Completion Angiogram and Cather-based Procedures in one setting. (Cirugia en el Quirofono Hibrido. Cirugia Coronaria, Coronariografia Intraoperatoria e Intervenciones de Cateter en un solo tiempo) XXXIII Argentine Congress of Cardiology. Buenos Aires, **Argentina**. October 2006.
24. **Balaguer JM**, Lilly K, Connelly G, McAdams M, Philie P & Rizzo RJ. Strategy to Minimize Neurologic Complications During Coronary Surgery with Cardiopulmonary Bypass. (Estrategia para minimizar complicaciones neurologicas durante Cirugia de Revascularizacion Miocardica con circulacion extracorporea). Argentine College of Cardiovascular Surgeons Meeting. Buenos Aires, **Argentina**. September 2003.
25. Aranki S, **Balaguer JM**, Sullivan T, Cohn L: Left Anterior Descending Artery Endarterectomy. Presented at the International Heart Failure Symposium. **Israel**: May 1996.
26. **Balaguer JM**, Parachuri R, Perry, Morell V, Moran J: Programa de Recuperacion Rapida "Fast Track" en Cirugia de Revascularizacion Miocardica. Congreso Argentino de Cirugia; Buenos Aires, **Argentina**: September 1994.
27. **Balaguer JM**, Alonso C, Estigarribia O: Arteriopatias Cronicas de los Miembros Inferiores. Conferencias del Hospital Finochetto; Buenos Aires, **Argentina**: October 1989.
28. **Balaguer JM**, Kasangian J, Cardarelli D: Ampulectomia Como Tratamiento Alternativo del Cancer de Papila. Conferencias del Hospital de Wilde; Buenos Aires, **Argentina**: September 1988.

## **12. International: Chairman of a panel, Member or Judge**

1. **Balaguer JM**, Navia D, Cleveland J, et al. **Co-Chair**. Session of Coronary Surgery. STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, **Colombia**. September, 2017.
2. **Balaguer JM**, Jacob De la Rosa. **Co-Chair**. Session of Coronary Surgery. STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, **Colombia**. September, 2017.

## **G. Consultancies**

**Johnson & Johnson**. 2015-current: As a consultant, I participated as an educator in 2 consecutive Symposium organized for Latin-American cardiac Surgeon

- **Balaguer JM**. Surgery for aortic root. July 2016
- **Balaguer JM**. Workshop “hands on”. Proctor Surgeon: Aortic Valve Sparing Root Replacement. July 2016
- **Balaguer JM**. Reoperative CABG. Off Pump vs On Pump. Johnson & Johnson sponsored Master Latin American Forum at Harvard University. Boston, July 2015
- **Balaguer JM**. Hybrid Coronary Revascularization. Best Treatment for Multi-vessel CAD. Johnson & Johnson sponsored Master Latin American Forum at Harvard University. Boston, July 2015.
- **Balaguer JM**. Professional Education for Residents. The I-6 Program. Johnson & Johnson sponsored Master Latin American Forum at Harvard University. Boston, July 2015.

## **COMMUNITY SERVICE**

1. Heart Disease in the Hispanic Population in the US. **Balaguer JM**. Blog. Stony Brook University Web Page. **Attachment A**.
2. Hybrid Coronary Revascularization. **Balaguer JM**. Blog. Stony Brook University Web Page. **Attachment B**.
3. **Balaguer JM**. Minimally Invasive Approaches and other contemporary techniques in Cardiac Surgery. Mall Walkers Lecture. Smithtown, NY. March 2019
4. **Balaguer JM**. Hispanic community Breakfast lecture. “Adelante Señor Nutricion”. Smithtown, NY. May 2019
5. **Organization of Outreach for the Hispanic Community**. Through marketing and outreach, our group is putting forward an strategy to bring to the Hispanic Community the high quality of cardiac care delivered at Stony Brook. The plan is to create the Hispanic Heart Team of Long Island at Stony Brook. (ongoing)
6. **HOPE Program (Health Occupations Partnership for Excellence)**. Balaguer JM: Key Note Speaker. May 2019

## Articles in the Shelbyville Times-Gazette (Tennessee)

- Speaker points out the need to pay attention to the heart. *April 27, 2006*  
*By Kay Rose*
- Physician who saved local woman's life to speak at luncheon. *April 26, 2006*  
*By Sherri Frame*

### ***Invited lecture to the Professional Women's Annual Luncheon Shelbyville, Tennessee. April 27, 2006:***

Key Note Speaker: **Jorge M. Balaguer, MD**

**Part 1: "Women & Leadership"**

**Part 2: "Women & Heart Disease"**

## Television Presentations

**Balaguer JM:** Cable Television Program: Discussion on AIDS for the Spanish Community. 'Point of Impact' Directed by Linda Turner. Worcester, Massachusetts (1/99)

**Balaguer JM:** Television Program: Discussion of Organ Transplantation for the Spanish Community. 'Point of Impact' directed by Linda Turner. Worcester, Massachusetts (8/98)

## University of Massachusetts Shadowing Program

**'Shadowing Program'** High School Students get opportunity to spend a day 'shadowing' some selected physicians as part of career opportunity exposure. Worcester, MA. 1997-2002.

## University of Massachusetts. Interactive Surgery Observation

High school students in class-size groups observe surgery from a hospital suite with interactive communication capabilities so that they can ask questions about the procedure, the physicians and other operating room staff and their careers. Worcester, MA. 1997-2002.

## RESEARCH INTEREST AND GRANT SUPPORT

### CLINICAL RESEARCH PROJECTS

- Stroke Reduction in Coronary Surgery. PI: **Balaguer JM**.  
IRB approved. Nashville VA Medical Center
- TMR. 10-year follow-up. IRB approved. Rush University Medical Center
- LIMA graft and a protective effect over the LAD vascular bed. IRB approved.  
Rush University Medical Center.



## BASIC SCIENCES RESEARCH PROJECTS

- Blood and RA tissue biomarkers for post-operative atrial fibrillation. Rush University Medical Center. PI: **Dr. Xun Ai, MD. PI**
- **Merit Award Grant (VA).**  
To study the impact of modified vein harvesting and preparation techniques in the incidence of endothelial and smooth muscle cell viability. Not funded on initial application in 2012. PI: **Balaguer JM:**

**Grant Application: Merit Grant. Nashville VA Medical Center 2012.  
Molecular and Clinical Bases of Vein Graft Failure**

## MANUSCRIPT REVIEW AND EDITORIAL BOARDS

### Editorial Boards *(Past and current)*

April 2000	Journal of Thrombosis and Thrombolysis
July 2003	Argentine Journal of Cardiovascular Surgery

### Invited journal editor and reviewer

2000-2021	Annals of Thoracic Surgery
2000	American College of Cardiology
2003	The Journal of Intensive Care Medicine
2013-2021	Circulation
2015-2021	Clinical Cardiology
2019	Journal of Cardiac Surgery

## TEACHING AND MENTORING

1. **Balaguer JM.** Surgical Management of Cardiac and Great Vessel Trauma. Thoracic Surgery Residents lectures, ABTS Core Curriculum Review. Rush University Medical Center. July 2016.
2. **Balaguer JM.** Off-Pump Coronary Surgery. Thoracic Surgery Residents lectures, ABTS Core Curriculum Review. Rush University Medical Center. July 2016.
3. **Balaguer JM.** Relevant Clinical Trials in Adult Cardiac Surgery. Thoracic Surgery Residents lectures, ABTS Core Curriculum Review. Rush University Medical Center. July 2016.
4. **Balaguer JM.** Surgery for Arrhythmias. Thoracic Surgery Residents lectures, ABTS Core Curriculum Review. Rush University Medical Center. September 2015.

5. **Balaguer JM.** Case Presentations in Cardiology. Cardiology Resident Conference. Trans-myocardial Laser Revascularization. Vanderbilt University Medical Center 2010.
6. **Balaguer JM:** Core Curriculum review for Thoracic Surgery Residents: Coronary Artery Bypass Grafting. Vanderbilt University. September 2008.
7. **Balaguer JM:** Aortic Stenosis. UMMC Conference for the Residents, UMass Medical Center Thoracic Surgery Residents Core Curriculum. University of Massachusetts. April, 1998.
8. **Proposed improved surgical rotation for residents and fellows:** This proposal is focused in expanding the benefits of the cardiac surgery rotation for residents and fellows while improving the coverage of patients in the cardiac surgery Intensive Care Unit and the Floor. University of Massachusetts, 1998.

### Teaching Interns and Second Year General Surgery Residents at the Nashville VA Medical Center

From Jan 2005 and Dec 2012, Interns (PGY1) and Second Year (PGY2) General Surgery Residents performed a 4-to-6-week rotations in Cardiothoracic Surgery under my supervision at the Nashville VA Medical Center. During this period, they participated in rounds, took calls and participated in cardiac surgery operations. Most PGY2, performed sternotomies, vein harvesting. Most of them performed proximal anastomosis as well.

Every resident was given a binder with selected reading material of the specialty as well as the expectation during their rotation.

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### INVITED LECTURES

1. **Balaguer JM.** Surgical and Hybrid Revascularization. The High-Risk Patient. Long Island Heart Symposium. November 2020.
2. **Balaguer JM.** COVID 19 Pandemic in New York. Webminar. Argentine Society of Cardiology. June 2020.
3. **Balaguer JM.** The Art and the Science of Coronary Surgery. Department of Surgery Grand Rounds. Stony Brook University. October 2019.
4. **Balaguer JM.** Robotic Coronary Surgery. Cardiac Catheterization Conference. Stony Brook University. September 2019.
5. **Balaguer JM.** Trans-myocardial Laser Revascularization. Cardiac Catheterization Conference. Stony Brook University. July 2019.
6. **Balaguer JM.** Hybrid Coronary Revascularization. Cardiovascular Physician Assistant Symposium. June 2019.

7. **Balaguer JM.** Coronary Surgery at the Time of Cholera. Cardiology Grand Rounds. Stony Brook University. March 2019.
8. **Balaguer JM.** The Art of Coronary Surgery. Long Island Heart Symposium. May 2019.
9. **Balaguer JM.** Cardiovascular Disease in Minority Populations. Long Island Heart Symposium. May 2019.
10. **Balaguer JM.** Hybrid Coronary Revascularization Cardiothoracic Surgery CME series. Stony. Brook University. April 2019
11. **Balaguer JM.** ECMO in the adult. Beyond the IABP and the ventilator. Rush-Copley Heart Symposium, 2018.
12. **Balaguer JM.** Off-Pump Coronary Surgery. 2 decades in review. Northeast Cardiothoracic Surgical Society. Presented in October 2017.
13. **Balaguer JM.** Coronary Bypass Surgery in Multi-vessel CAD. Rush-Copley Heart Symposium, 2017.
14. **Balaguer JM.** Innovations in Coronary Surgery. Rush-Copley Heart Symposium, 2016.
15. **Balaguer JM.** State of Cardiac Surgery Program. Department of Surgery. Rush Copley Medical Center. October 2015.
16. **Balaguer JM.** Cardiac Valve Surgery. Indications and Outcomes. Rush Copley Medical Center May 2015
17. **Balaguer JM.** Risk Stratification in Cardiac Surgery. Thoracic Surgery Residents lectures, ABTS Core Curriculum Review. Rush University Medical Center. July 2015.
18. **Balaguer JM.** Managing Heart Failure. The role of Cardiac Surgery. Rush Copley Heart Failure Symposium. February 2015.
19. **Balaguer JM.** Acute Coronary Syndrome and Moderate to Severe Valvular Disease: Always Surgical? Argentine Congress of Cardiology. Buenos Aires, Argentina 2013.
20. **Balaguer JM.** Off-Pump Coronary Surgery: A Catalytic Towards a Superior Coronary Operation. Symposium of Cardiology: Alumni 2013. Italian Hospital of Buenos Aires.
21. **Balaguer JM.** Coronary Surgery in Acute Coronary Syndrome. Symposium of Cardiology: Alumni 2013. Italian Hospital of Buenos Aires.
22. **Balaguer JM.** Off-Pump Coronary Surgery is Superior compared to On-Pump CABG. Symposium of Cardiology CUORE 2013. Italian Hospital of Buenos Aires.
23. **Balaguer JM.** Off-Pump Coronary Surgery. Symposium for Cardiologist in Rural Aires. Italian Hospital of Buenos Aires, Argentina 2013.

24. **Balaguer JM.** A Hybrid Approach Allows for Optimal Therapy for Long-Term Benefit PCI+CABG and Post CABG Catheterization. **STS/AATS Tech Con.** Los Angeles, CA. STS 2013.
25. **Balaguer JM.** If Off-Pump CABG is superior, why it is difficult to demonstrate it in academic forums? Symposium-Swiss –Argentine Clinic 2012. Buenos Aires, Argentina.
26. **Balaguer JM.** How to Organize Minimally Invasive Coronary Surgery Program. Symposium. Swiss-Argentine Clinic 2012. Buenos Aires, Argentina.
27. **Balaguer JM.** Robotic Coronary Surgery. Symposium. Swiss-Argentine Clinic 2011. Buenos Aires, Argentina.
28. **Balaguer JM.** Evolution Of Minimally Invasive Coronary Surgery. Symposium. Swiss-Argentine Clinic 2011. Buenos Aires, Argentina.
29. **Balaguer JM,** Levin R. Trans-myocardial Laser Revascularization. Review of Literature. Symposium. Swiss-Argentine Clinic 2010.
30. **Balaguer JM.** Transition from On-Pump to Off-Pump Coronary Surgery with Excellent Outcomes. Symposium. Swiss-Argentine Clinic 2010.
31. **Balaguer JM:** Debate. Multivessel Coronary Artery Disease. Bypass Surgery is the Best Treatment. Symposium. Swiss-Argentine Clinic 2009.
32. **Balaguer JM:** Core Curriculum review for Thoracic Surgery Residents: Trans-myocardial Laser Revascularization. Vanderbilt University. September 2009.
33. **Balaguer JM,** Absi TS: State of the Cardiac Surgery Program. Nashville VA Medical Center, TVHS. September 2008.
34. **Balaguer JM:** Hybrid Operating Room in Cardiovascular Surgery. Symposium. Swiss-Argentine. Buenos Aires, Argentina 2008.
35. **Balaguer JM:** Neurological Protection in Cardiovascular Surgery. Symposium. Swiss-Argentine Clinic. Buenos Aires, Argentina 2008.
36. **Balaguer JM:** Debate. Aortic valve replacement. Surgical Vs. Percutaneous Techniques. Symposium. Swiss Argentine Clinic. Buenos Aires, Argentina. May 2007.
37. **Balaguer JM:** Neurological Protection in Adult Cardiac Surgery. Grand Rounds. Department of Cardiology. Vanderbilt University. Jan 2007.
38. **Balaguer JM:** Hybrid concept. Hybrid Operating Room in Modern Cardiac Surgery. Invited lecture. Swiss Argentine Clinic. Buenos Aires, Argentina. October 2006.
39. **Balaguer JM:** Complex Cardiac Transplantation. Invited reviewer. XXXIII Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2006.
40. **Balaguer JM:** Debate. The use of Biologic Valves vs. Mechanical Valves in Aortic Position. Symposium. Swiss Argentine Clinic. Buenos Aires, Argentina. October 2006.

41. **Balaguer JM:** Women in leadership. The twelfth Annual Professional Women's Luncheon. Shelbyville, TN. April 2006
42. **Balaguer JM:** State of the Cardiac Surgery Program. Nashville VA. Tennessee Valley Healthcare System. April 2006
43. **Balaguer JM:** Improving the quality of coronary revascularization at Vanderbilt University. Benefits of the Hybrid OR. Advances in Science and Practice. Vanderbilt University. February 2006.
44. **Balaguer JM:** Neurologic Protection During Cardiac Surgery Using Brain Oximetry. Operating Room Committee. Vanderbilt University Medical Center. Jan 2006.
45. **Balaguer JM:** Ventricular Assist Devices as Destination Therapy. XXXII Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2005.
46. **Balaguer JM:** Treatment for Heart Failure. Invited reviewer. XXXII Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2005.
47. **Balaguer JM:** State of the Cardiac Surgery Program. Nashville VA. Tennessee Valley Healthcare System 2005.
48. **Balaguer JM:** HIV, AIDS and Cardiovascular Surgery. Current perspective. Presented at the XXXI Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2004.
49. **Balaguer JM:** Assisted Circulation. Realities and Utopias. Presented at the XXXI Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2004.
50. **Balaguer JM:** Cardiac Transplantation. Perspective from a developed society. Presented at the XXXI Argentine Congress of Cardiology. Buenos Aires, Argentina. October 2004.
51. **Balaguer JM:** Monitoring of Brain Protection during Profound Hypothermia and Circulatory Arrest. Presented at the National Cardiovascular Surgery meeting. Buenos Aires, Argentina. September 2004.
52. **Balaguer, JM, Lilly K:** A comprehensive Perfusion and Operative Strategy to Attenuate Adverse Neurologic Outcomes in On Pump Cardiac Procedures. The Pharmacy Department at Cape Cod Hospital. Oct. 2003.
53. **Balaguer, JM, Lilly K:** Neurologic Outcomes following Adult Cardiac Surgery. Medical Staff Continue Medical Education Lecture. Cape Cod Hospital. April 2003.
54. **Balaguer, JM:** Adult Cardiac Surgery. Cape Cod Hospital. Department of Pharmacy. November 2002.
55. **Balaguer, JM:** Cardiac Surgery Program at Cape Cod Hospital. State of the Program. November 2002.
56. **Balaguer, JM:** HIV, AIDS and Cardiac Surgery. A new appraisal. Umass-Memorial Research Meeting. November 2001.

57. **Balaguer, JM:** History of Cardiac Transplantation and surgical techniques. Cardiac Transplant Support Group Meeting. UMass-Memorial Health Care. University Campus. July 2001.
58. **Balaguer, JM:** AbioCor. The Abiomed Total Artificial Heart. The Buenos Aires French Hospital Grand Rounds. Buenos Aires, Argentina. March 2001.
59. **Balaguer, JM:** Management of Cardiogenic Shock. The Buenos Aires French Hospital Grand Rounds. Buenos Aires, Argentina. March 2001.
60. **Balaguer, JM:** History, present and future of the Total Artificial Heart. Cardio Junin Grand Rounds. Buenos Aires, Argentina, March 2001.
61. **Balaguer, JM:** Cardiogenic Shock Protocol. Cardiac Transplant Organizational Meeting. UMass Memorial Health Care. University Campus. February 2001.
62. **Balaguer, JM:** Short-term Ventricular Assist for patients in Cardiogenic Shock. UMass Cardiothoracic Surgery Grand Rounds, January 2001.
63. **Balaguer, JM:** Cardiac Transplantation: Surgical Aspects & Donor selection. The Heart Transplantation Program. UMass Memorial Health Care, Dept of Nursing. Oct 2000.
64. **Balaguer, JM:** Short-Term Ventricular Assist, A proposed protocol. Transplant Organizational Meeting. UMass Memorial Health Care, University Campus. Oct 2000.
65. **Balaguer, JM; Tsao Lana:** Cardiac Transplantation in Central Massachusetts: A new Direction. Memorial Hospital Cardiology Grand Rounds. Oct 2000.
66. **Balaguer, JM:** Surgical Techniques in Cardiac Transplantation. The Heart Transplantation Program. UMass Memorial Health Care. Dept of Nursing. Sept 2000.
67. **Balaguer, JM:** Surgical Aspects of Cardiac Transplantation. Transplant Organizational Meeting. UMass Memorial Health Care, University Campus. August 2000.
68. **Balaguer, JM:** Evolution of Minimally Invasive Valve Surgery. UMass Cardiothoracic Surgery Grand Rounds. May 2000.
69. **Balaguer, JM:** Evolution of Minimally Invasive Valve Surgery. Saint Vincent's Hospital weekly meeting. May 2000.
70. **Balaguer, JM:** Effective Prevention of Recurrent Ischemic Cerebrovascular Accidents by Surgical Closure of ASD and PFO. UMass Cardiothoracic Surgery Grand Rounds. November 1999.
71. **Balaguer, JM:** Effective Prevention of Cerebrovascular Accidents by Surgical Closure of ASD and PFO. Saint Vincent's Hospital Cardiac Surgery Meeting. November 1999.
72. **Balaguer, JM:** Minimally Invasive Aortic Valve Surgery. Ad Hoc Comity for Minimally Invasive Cardiac Surgery. Saint Vincent Hospital. August 1999.
73. **Balaguer, JM:** Minimally Invasive Vein Harvesting. Instituto de Cardiologia del Hospital Español. Buenos Aires, Argentina. July 1999.

74. **Balaguer, JM:** Minimally Invasive Vein Harvesting. Clinica Suizo-Argentina. Buenos Aires, Argentina. July 1999.
  75. **Balaguer, JM:** Minimally Invasive Cardiac Valve Surgery. Clinica Suizo-Argentina. Buenos Aires, Argentina. July 1999.
  76. **Balaguer, JM:** Cardiac Valve Surgery Using Minimally Invasive Techniques. Cardiology Grand Rounds. UMass Medical Center, May 1999.
  77. **Balaguer JM:** Emergency CABG following a Failed Percutaneous Cardiac Intervention. Presented at UMass Memorial Cardiothoracic Surgery Grand Rounds. February 1999
  78. **Balaguer JM:** Minimally Invasive Cardiac Valve Surgery; The UMMC Experience. Symposium on Current Treatment Options in Valvular Heart Disease. May, 1998
  79. **Balaguer JM:** Minimally Invasive Cardiac Surgery. Grand Rounds. UMass Medical Center. September, 1997.
  80. **Balaguer JM:** Minimally Invasive Cardiac Surgery. Grand Rounds. Memorial Hospital. September, 1997.
  81. **Balaguer JM:** Minimally Invasive Cardiac Surgery. Nurse Related Issues. Brigham & Women's Hospital. Harvard Medical School. Boston, MA: April and September 1996.
  82. **Balaguer JM:** Minimally Invasive Cardiac Surgery. Brigham & Women's Hospital, Harvard Medical School. Boston, MA: August 1996.
  83. **Balaguer JM:** Re-operative Coronary Surgery. Presented at the Brigham & Women's Hospital, Harvard Medical School. Boston, MA: June 1996.
  84. **Balaguer JM:** Reoperations in Adult Cardiac Surgery. Presented at the Brigham & Women's Hospital, Harvard Medical School. Boston, MA: August 1995.
  85. **Balaguer JM:** Bacterial Endocarditis. Presented at the Brigham & Women's Hospital, Harvard Medical School. Boston, MA: October 1994.
  86. **Balaguer JM:** The Saint Vincent's Fast Track Protocol in 200 consecutive Coronary Artery Bypass Graft Patients. Presented at Saint Vincent Hospital: Cardiac Surgery and Cardiology Divisions. Worcester, MA: June 1994.
  87. **Balaguer JM:** The Saint Vincent's Fast Track Protocol. Nursing considerations. Presented at the Saint Vincent Hospital: Nursing Department. Worcester, MA. June 1994.
  88. **Balaguer JM:** The Saint Vincent's Fast Track Protocol. Presented at the British Hospital: Cardiology, Cardiac Surgery and Critical Care Divisions. Buenos Aires, Argentina: September 1994.
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## PUBLICATIONS

1. Rabenstein A, Khomutova A, MD, Shroyer L, Scriven R, MD, McLarty A, Tannous & **Balaguer JM**: Cardiac Surgery Simulation Series During General Surgery Residency Increases Resident Knowledge, Involvement, and Technical Familiarity with Cardiac Operations. *Journal Thoracic Cardio Vascular Surgery open*. Accepted for publication-In press 2021.
2. **Balaguer JM**, Makarovskiy J, Posatini R, Chas J, Carabello E, Villa A, Vazquez H, Sierra S, Navarro Estrada J, Belziti C, Kotowicz V. Reoperacion Cardiaca Compleja en un Testigo de Jehova Adulto con Cardiopatia Congenita. *Revista Argentina de Cirugia Cardiovascular* 2020; XVIII (3) 105-108.
3. **Balaguer JM**. Ablacion Quirurgica por Abordaje Sub-xifoideo para el Tratamiento de la Fibrilacion Auricular. *Revista Argentina de Cirugia Cardiovascular* 2018; XVII (1) 3-6.
4. Marenchino R, Domenech A, Kotowicz V, **Balaguer JM**: Double Valve Replacement Associated with Mitro-Aortic Fibrosa Reconstruction in Patients with Prosthetic Valve Endocarditis (*Doble Reemplazo Valvular asociado con Reconstruccion de la Fibrosa Mitro-aortica en Pacientes con Endocarditis Protetica*). *Rev Argent Cardiol* 2015; 83:60-61.
5. Nesbitt JC, St Julian J, Absi TS, Ahmad RM, Grogan EL, **Balaguer JM**, Lambright ES, Deppen SA, Wu H, Putnam JB. Tissue-based coronary surgery simulation: medical students deliberate practice can achieve equivalence of senior surgical residents. *J Thorac Cardiovasc Surg* 2013 Jun; 145 (6): 1453-8.
6. Mozaffarian D, Marchioli R, Macchia A, Sillelta MG, Ferrazzi P, Gardner TJ, Latini R, Libby P, Lombardi F, O'Gara PT, Page RL, Tavazzi L, Tognoni G; Opera Investigators (**Balaguer JM**). Fish Oil and postoperative atrial fibrillation: The Omega-3-Fatty Acids for Prevention of Post-Operative Atrial Fibrillation (OPERA) Randomized Trial. *JAMA* 2013 Mar 6 (9): 876.
7. **Balaguer JM**, Umakanthan R, Leacche M, Byrne JG. Current Problems in Surgery: Minimally Invasive Cardiac Surgery 2012; 49 (9):522-7.
8. **Balaguer JM**, Yu C, Byrne JG, Ball SK, Petracek MR, Brown NJ, Pretorius M. Contribution of Endogenous Bradykinin to Fibrinolysis, Inflammation, and Blood Product Transfusions Following Cardiac Surgery: A Randomized Clinical Trial. *Clinical Pharmacology & Therapeutics* 2012.
9. Jaik N, Umakanthan R, Leacche M, Solenkova N, **Balaguer JM**, Hoff S, Ball S, Zhao D, Byrne J. Current Status of Hybrid Coronary Revascularization. *Expert Rev Cardiovasc Ther.* 2011; 9 (10): 1331-7.
10. Billings FT, **Balaguer JM**, Yu C, Wright P, Petracek MP, Byrne JG, Brown NJ, Pretorius M. Comparative Effect of Angiotensin Receptor Blockade and ACE Inhibition of the Fibrinolytic and Inflammatory Responses to Cardiopulmonary Bypass. *Clinical Pharmacology & Therapeutics* 2012;91(6):1065-73.
11. Petracek M, Leacche M, Solenkova N, Umakanthan R, Ahmad R, Ball S, Hoff S, Absi T, **Balaguer JM**, Byrne J. Minimally Invasive Mitral Valve Surgery Expands the Surgical Options for High-Risk Patients. *Ann Surg* 2011; 254(4): 606-11.



12. Byrne J, Rezai K, Sanchez J, Bernstein R, Okum E, Leacche M, **Balaguer JM**, Prabhakaran S, Bridges CR, Higgins RS, Surgical Management of Endocarditis : The Society of Thoracic Surgeons Clinical Practice Guideline. *Ann Thorac Surg* 2011; 91(6):2012-9.
13. Hocking KM, Brophy C, Rizvi SZ, Komalavilas P, Eagle SS, Leacche M, **Balaguer JM** and Cheung-Flynn J. Detrimental Effects Of Mechanical Stretch On Smooth Muscle Function In Saphenous Veins. *J Vasc Surg* 2011; 53 (2): 454-60.
14. Umakanthan R, Petracek MR, Leacche NV, Solenkova NV, Eagle SS, Thompson A, Ahmad RM, Greelish JP, Ball SK, Hoff SJ, **Balaguer JM**, Byrne JG. Minimally Invasive Right Lateral Thoracotomy Without Aortic Cross-Clamping: An Attractive Alternative to Repeat Sternotomy for Re-operative Mitral Valve Surgery. *Journal of Heart Valve Disease* 2010; 19 (2):236-43.
15. Leacche M, **Balaguer JM**, Byrne JG. Intraoperative Graft Assessment. *Semin Thorac Cardiovasc Surg* 2009. 21:207-212.
16. Elbardissi AW, **Balaguer JM**, Byrne JG, Aranki SF. Surgical Therapy for Complex Coronary Artery Disease. *Semin Thorac Cardiovasc Surg* 2009. 21:199-206.
17. Zhao DX, Leacche M, **Balaguer JM**, Boudoulas MD, Damp JA, Greelish JP, Byrne JG. Routine Intraoperative Angiography After Coronary Artery Bypass Grafting and 1-Stop Hybrid revascularization. *J Am Coll Cardiol* 2009; 53:232-41.
18. Leacche M, **Balaguer JM**, Byrne JG. Role of cardiac surgery in the post-myocardial infarction patient. *Current Heart Failure Reports* 2008, Dec;5 (4): 204-10.
19. Umakanthan R, Leacche M, Petracek M, Sathappan K, Solenkova N, Kaiser C, Greelish J, **Balaguer JM**, Ahmad RM, Ball SK, Hoff SJ, Absi TS, Kim BS, Byrne JG. Safety of Minimally Invasive Open-Heart Surgery without Aortic Cross Clamp. *Ann Thorac Surg* 2008. May; 85 (5) : 1544-99.
20. Greelish JP, Ailiwadi M, **Balaguer JM**, Ahmad RM, Zhao DX, Petracek MR & Byrne JG. Combined percutaneous coronary intervention and valve surgery. *Curr Opinion Cardiol* 2006; 21: 1-5.
21. Pirundini PA, **Balaguer JM**, Lilly KJ, Gorsuch WB, Byrne Taft M, Cohn LH, Rizzo RJ. Replacement of the Quadricuspid Aortic Valve: Strategy to Avoid Complete Heart Block. *Ann. Thorac. Surg.*, Jun. 2006; 81: 2306 - 2308.
22. Lilly KJ, **Balaguer JM**, Pirundini PA, Smith MA, Connelly G, Campbell LJ, Philie PC, McAdams M, Dekkers R, Fitzgerald D, Cohn LC and Rizzo RJ. Early Results of a comprehensive operative and perfusion strategy to attenuate the incidence of adverse neurological outcomes in on pump coronary artery bypass grafting patients. *Perfusion* 2006. 21:311-317.
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## ABSTRACTS

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#### **CHAIRMAN OF A PANEL MEMBER OR JUDGE**

1. **Balaguer JM**. Session Leader: Surgery Research Storm Surge. Research Day. Department of Surgery, Stony Brook University. Stony Brook, New York 2020.
2. **Balaguer JM, Pyo R. Co-Chair**. Ischemic Heart Disease. Long Island Heart Symposium. Stony Brook, New York 2019.
3. **Balaguer JM**, Navia D, Cleveland J, et al. **Co-Chair**. Session of Coronary Surgery. STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, Colombia. September, 2017.
4. **Balaguer JM**, Jacob De la Rosa. **Co-Chair**. Session of Coronary Surgery. STS/EACTS. Latin America Cardiovascular Surgery Conference. Cartagena, Colombia. September, 2017.
5. **Balaguer JM**, Aranki SA, Cohn LH, Kotowicz V. **Panel**. Advanced treatments for CAD I: Off - Pump vs On-Pump CABG. Johnson & Johnson sponsored Master Latin American Forum at Harvard University. Boston, July 2015.
6. **Balaguer JM**, Aranki SA, Cohn LH, Kotowicz V. **Panel**. Advanced Treatment for CAD II: Reoperations. Johnson & Johnson sponsored Master Latin American Forum at Harvard University. Boston, July 2015.
7. **Balaguer JM**, Puskas JD, Guyton RA, Sabik J, Emery RW. **Panel Sesion I. Coronary Revascularization Strategies. Pannel: cross-fire round table. STS/AATS Tech Con.** STS Los Angeles, CA. 2013.



8. **Balaguer JM**, Favalaro RR, Vogelfand H. **Panel**. Update in Mechanical Circulatory Support. XII Argentine Congress and XXII Latin-American Congress of Transplantation. Buenos Aires, Argentina 2013.
9. **Balaguer JM**, Favalaro RR, **Panel** International Forum of Cardiac Surgery. Buenos Aires, Argentina 2013.
10. **Balaguer JM**, De la Fuente LM, Miano J. Argentieri J, Mrad J. **Panel**, Advances and Contrversias in Interventional Cardiology. Symposium. Swiss-Argentine Clinic 2010.
11. **Balaguer JM**, Rodriguez W, Miano J. Argentieri J, Mrad J. **Panel** Advances and Contrversias in Cardiovascular Surgery. Symposium. Swiss-Argentine Clinic 2010.
12. **Balaguer JM**-Sytar LL.Oral. **Panel**. Abstract Presentacion. Subject: Surgical Treatment of Infective Endocarditis. World Congress of Cardiac and Thoracic Surgery. Buenos Aires, Argentina 2009.
13. **Balaguer JM**- Navia D.**Co-Chair**. Oral Abstract Presentation. Subject: Surgical Treatment for Ischemic Heart Disease. World Congress of Cardiac and Thoracic Surgery. Buenos Aires, Argentina 2009.
14. **Balaguer JM**. Member of Scientific Committee. World Congress of Cardiac and Thoracic Surgery. Buenos Aires, Argentina 2009.
15. **Balaguer JM**, Bruno C. Falcon J. Medrano J. **Judge** of Poster Presentation. Symposium. Swiss-Argentine Clinic. Buenos Aires, Argentina 2009.
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17. **Balaguer JM**, Levin RL. **Panel** Symposium of the Council of Heart Transplantation. Subject: Mechanical Ventricular Support. XXXII National Congress of Cardiology. Buenos Aires, Argentina 2006.
18. **Balaguer JM**, Byrne JG. **Panel**. Symposium of the Council of Heart Transplantation. Subject: Complex Cardiac Transplantation. XXXII National Congress of Cardiology. Buenos Aires, Argentina 2006

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The information presented above is an accurate compilation of professional biographical information.

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Signature of Candidate

Date





