

CORAZON

Brian Hummel, MD

Medical Advisor

Career Summary



With over 30 years of experience in private practice and hospital settings, Dr. Brian Hummel is a seasoned board-certified cardiothoracic surgeon and one of Corazon's Medical Advisors. He has collaborated with industry leaders, and shares his expertise in transcatheter valve therapies, leading studies as principal investigator for Medtronic Corporation & Edwards Life Sciences and presenting at both national and global conferences. Dr. Hummel uses his expertise in strategic partnerships, leadership and board & service advising to assist Corazon clients across the country.

Clinical Consulting

Corazon, Inc.

2022 - Present

Medical Advisor

Provides consultation to hospitals and health systems across the country for the implementation or development of stand-alone or hospital-based cardiovascular programs. Interacts with physicians at client sites on a peer-to-peer basis. Participates in site visits to present to Boards, hospital leadership, and/or internal and external stakeholders on the clinical, operational, and financial aspects of best practice CV services. Provides expertise and opinions on procedures and commentary about current industry trends, medical advances, and new technology in his area of specialty.

Healthcare Experience

Cardiothoracic Surgeon Lee Health System	2015 - Present
Chief of Surgery/Chairman of Surgery Department Lee Health System	2014 - 2021
Director, Structural Heart Program Lee Health System	2011 – 2021
Cardiothoracic and Vascular Surgeon/Managing Partner Gulf Coast Cardiothoracic Surgeons	1990 - 2015

Education

Doctor of Medicine
University of Iowa - College of Medicine
Iowa City, IA

Studies towards Bachelor of Science in Biology
University of South Dakota
Vermillion, SD

Board Certification

Diplomat, American Board of Surgery
Diplomat, American Board of Thoracic Surgery

Board & Committee Service

Minimally Invasive Advisory Board, Edwards Life Sciences, 2011 to present
Medical Executive Committee, Lee Memorial Health System, 2016 to 2020
The Canterbury School, Board of Trustees Chairman, 2015 to 2017
Lee County We Care Board, 2011 to 2017
Southwest Regional Medical Center, Trustee and Chairman, Quality Review Committee, 1997 to 2009
Florida Agency for Healthcare Administration, Medical Expert, 2000 to 2001 and 2002 to 2004
Florida Society of Cardiovascular & Thoracic Surgeons, President, 2000 - 2001, Board of Governors, 1988 – 1998

Awards and Grants

American Heart Association, Gold Heart Award

American Heart Association, Texas Affiliate Grant, "Myocardial Blood Flow in Acute Aortic Occlusions"

Co-Recipient, Conrad Jobst Award for Outstanding Contributions in Vascular Research

Professional Organizations

American College of Chest Physicians, Fellow

The Ross Surgical Society

International Association for Cardiac Biological Implants

The Society of Thoracic Surgeons

American College of Cardiology, Fellow

American College of Surgeons, Fellow

Southern Thoracic Surgical Association

Southern Thoracic Society

Florida Society of Thoracic and Cardiovascular Surgeons

Hospital Appointments

Lee Memorial Health System, Ft. Myers, FL (active)

Naples Community Hospital, Naples, FL (active)

Lakeland Regional Medical Center, Lakeland, FL

University of Iowa Hospitals and Clinics and Iowa City VA Hospital, Iowa City, IA

Presbyterian Hospital of Dallas, Parkland Memorial Hospital, VA Hospital, and Children's Medical Center, Dallas, TX

Past Notable Professional Presentations

"Valve in Valve Balloon Fracturing to Reduce Gradient," Society of Thoracic Surgeons, January 2018

"Transcatheter Aortic Valve Replacement Surgery," Japan, March and December 2017

"Mitral Valve Replacement with Off-Label Transseptal Catheter Delivery of Bioprosthetic Aortic Valve," AP Valves 2017, Seoul, South Korea, August 2017

“Outcomes and Benefits to Custodial Cardioplegia in Minimally Invasive Valve Surgery,” International Society for Minimally Invasive Cardiothoracic Surgery, Berlin, Germany, June 2015

“Minimally Invasive Concomitant Valves/MAZE Procedure,” National Sales Conference, Atricure Corporation, Santa Barbara, CA, February 2015

“Minimally Invasive Cardiac Surgery and Custodial Cardioplegia Outcomes and Benefit,” Sanibel Symposium Perfusion Conference, Sanibel, FL, February 2015

“TAVR: Private Practice,” Sanibel Symposium Perfusion Conference, Sanibel, FL, February 2013

“First 11 TAVR Procedures in a Community Hospital Setting,” Florida Valve Symposium, Orlando, FL, 2012

“Endoscopic Saphenous Vein Harvesting,” Southern Thoracic Surgical Association Annual Meeting, San Antonio, TX, 2011

“Mitral Valve Repair,” Valve Symposium, Cardiac Surgery Forum, Vail, CO, July 2001

Publications

Chhatriwalla, Adnan K., et al. “Bioprosthetic Valve Fractures Improves the Hemodynamic Results of Valve-in-Valve Transcatheter Aortic Valve Replacement.” *Circulation Cardiovascular Interventions*, 2017.

Hummel, B.W., et al. “Myocardial Protection and Financial Considerations of Custodial Cardioplegia in Minimally Invasive and Open Valve Surgery.” International Society for Minimally Invasive Cardiothoracic Surgery, August 2016.

Hummel, B.W., et al. “Minimally Invasive Mitral Valve Surgery II; Surgical Technique and Postoperative Management.” International Society for Minimally Invasive Cardiothoracic Surgery, June 2016.

Hummel, B.W., et al. “Minimally Invasive Mitral Valve Surgery III; Training and Robotic-Assisted Approaches.” International Society for Minimally Invasive Cardiothoracic Surgery, June 2016.

Hummel, B.W., et al. “Minimally Invasive Mitral Valve Surgery I; Patient Selection, Evaluation, and Planning.” International Society for Minimally Invasive Cardiothoracic Surgery, June 2016.

Hummel, B.W., et al. “Current ERA Minimally Invasive Aortic Valve Replacement; Techniques and Practice.” *Journal of Thoracic and Cardiovascular Surgery*, January 2014.

Hummel, B.W., et al. “How To: Minimally Invasive Mitral Valve Surgery.” *Journal of Thoracic and Cardiovascular Surgery*, 2014.

Hummel, B.W., et al. “How To: Robotic Mitral Valve Surgery.” *Journal of Thoracic and Cardiovascular Surgery*, 2014.

Awards and Honors

American Heart Association, Gold Heart Award

American Heart Association, Texas Affiliate Grant, "Myocardial Blood Flow in Acute Aortic Occlusions"

Co-Recipient, Conrad Jobst Award for Outstanding Contributions in Vascular Research

First Place, Charles Johnson Award Detroit Surgical Association

(Detroit Academy of Surgery Annual Meeting 1985)

Who's Who in American Colleges, 1976

Who's Who in American High Schools, 197

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