

**Ghulam Abbas, MD, MHM**

Ghulam Abbas is the current Professor and Director of Cancer Services at Vandalia Health in Charleston, West Virginia. He previously served as Chief of the Division of Thoracic Surgery at West Virginia University and Director of Minimally Invasive Thoracic Surgery for Meridian Health System. Prior to those roles, he was the attending surgeon and Chair of the Department of Surgery at UPMC Passavant for Thoracic and Foregut Surgery. Dr. Abbas holds a MD from Aga Khan University of Medicine College and a Master in Healthcare Management from Harvard T.H. Chan School of Public Health.



**Abdulla Al-Ansari, MBBCh, FRCSI, FRCSE**

Dr. Abdulla Al-Ansari is a graduate of the Royal College of Surgeons of Ireland Medical School. He was trained in the U.K. and Qatar in the field of Urology, but has worked in other specialties such as trauma and orthopaedics before choosing his specialization in Urology.

Dr. Abdulla Al-Ansari became the head of the Urology Section in 2004. During his tenure, the department of Urology made big leaps forward in improving the quality of our service. Part of these accomplishments included a reduction in waiting times, technological advancements in addition to enhancing research and publications. This greatly improved the status of urology as a successful and high performing specialty.

In 2008, Dr. Abdulla Al-Ansari became the Assistant to the Chairman of Surgery and in the same year, he was promoted to Chairman of Surgery. He took full charge of all 12 surgical specialties across the five hospitals of the corporation. Dr. Abdulla Al-Ansari is a strong believer in sub-specialization and the benefits it delivers to patient care. During his tenure there has been emphasis placed on sub-specialization in surgery and this is being gradually achieved (e.g. Breast Surgery, Colorectal, Bariatric & Metabolic Surgery, Acute Care and Hepatobiliary Surgery etc.) Furthermore, Dr. Abdulla Al-Ansari became an Associate Professor of Clinical Urology in Weill Cornell Medical School in Qatar and he is a Director in QSTP for Robotic Surgery. Dr. Abdulla Al-Ansari is a Pioneer of Robotic Surgery in Qatar and it was through his dedication and perseverance that Robotic Surgery is now a procedure in State of Qatar.

Dr. Al-Ansari is very passionate about health service in Qatar, and has an ambition for HMC in Qatar to be the best health system internationally. He miraculously does not allow his duties to take him away from patients and research. He continues his research in the form of publications and conducting animal labs and workshops and conferences. His special interests include teaching younger surgeons and mentoring them in their training. Dr. Al-Ansari is currently the Deputy Chief Medical Officer for Surgical Services at Hamad Medical Corporation.



**David Albala, MD**

Dr. David M. Albala graduated with a geology degree from Lafayette College in Easton, Pennsylvania. He completed his medical school training at Michigan State University and went on to complete his surgical residency at the Dartmouth-Hitchcock Medical Center. Following this, Dr. Albala was an endourology fellow at Washington University Medical Center under the direction of Ralph V. Clayman. He practiced at Loyola University Medical Center in Chicago and rose from the ranks of Instructor to full Professor in Urology and Radiology in eight years. Ten years later, he became a tenured Professor at Duke University Medical Center in North Carolina. At Duke, he was Co-Director of the Endourology fellowship and Director for the Center of Minimally Invasive and Robotic Urological Surgery. He has over 247 publications in peer-reviewed journals and has authored three textbooks in endourology and seven in general urology. He was ranked among the top 2% of urologists in the world by a Stanford University study done in May 2021. At the present time he is Chief of Urology at Crouse Hospital and a member of Associated Medical Professionals in Syracuse, New York. He is considered a national and international authority in laparoscopic and robotic urological surgery and has been an active teacher in this area for over 20 years.



**Mehran Anvari, O.C., O.ONT., MB BS, PhD, FRCSC, FACSD**

Dr. Mehran Anvari is a tenured Professor of Surgery at McMaster University, and an Adjunct scientist for the Institute for Clinical Evaluative Sciences (ICES). He is the past president and founding member of the Minimally Invasive Robotic Association (MIRA), the founding director of the Centre for Minimal Access Surgery (CMAS), and Editor-in-Chief of the International Journal of Medical Robotics and Computer Assisted Surgery. Dr. Anvari is the Scientific Director and CEO of the Centre for Surgical Invention and Innovation (CSii), which recently partnered with MDA to create Insight Medbotics—a start-up to commercialize a new generation of intelligent robotic systems. Dr. Anvari is one of the first surgeons in Canada to use robotics in surgery, establishing the world's first telerobotic surgical service and has since performed multiple remote telerobotic surgeries. He is a recognized pioneer in the field of remote telesurgery and was the Primary Investigator on NEEMO 7 & 9 missions which were joint missions of the National Aeronautics and Space Administration (NASA) and Telemedicine and Advanced Technology Research Centre (TATRC).



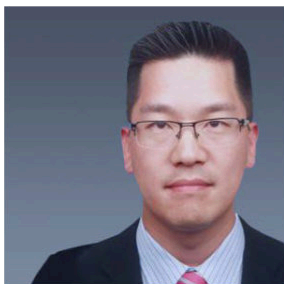
**Kurt Azarbarzin**

Kurt Azarbarzin is a 39-year medtech industry veteran, having led the development of over 90 new products representing over \$910 million of annual sales at companies including U.S. Surgical, Tyco Healthcare (now Medtronic), Spine Wave, Respimetrix, SurgiQuest, Verb Surgical, and J&J. He has experience in surgical, robotic, cardiovascular, interventional, orthopedic and neurological markets. Kurt founded SurgiQuest in 2005 and sold it to CONMED, and the company's lead technology AirSeal became the standard of care for advanced laparoscopic and robotic surgery. He then became CEO of Verb Surgical (a joint venture between Google and J&J) consisting of over 550 employees, that was acquired by J&J in January 2020. After that, Kurt became and is currently the CEO of EndoQuest Robotics, which is developing the first flexible robotic surgical platform in the world, designed to enable endoluminal and single-incision surgery.



**Husam Balkhy, MD**

Dr. Balkhy is Professor of Surgery and Director of Robotic and Minimally Invasive Cardiac Surgery at the University of Chicago Medicine. He received his Cardiothoracic and Vascular surgery training at Tufts New England Medical Center and the Lahey Clinic in Boston, MA. He was Chairman of Cardiac Surgery at the Wisconsin Heart Hospital in Milwaukee, WI prior to moving to the University of Chicago in July 2013. Dr. Balkhy runs a unique multi-spectrum robotic cardiac surgery program at the University of Chicago and is considered a pioneer of robotic cardiac surgery having performed over 2300 cases by 2023. He has the largest series of robotic totally endoscopic coronary bypass operations in the world (over 1200 cases), and the world's largest clinical experience with coronary anastomotic devices. With well over 100 peer-reviewed publications and book chapters, he is a frequently sought after speaker and proctor worldwide and has trained multiple surgeons both nationally and internationally on robotic cardiac surgical techniques.



**Jonathan Chen**

Jonathan Chen is the Chief International Business Officer (“CIBO”) of MicroPort Scientific Corporation. Prior to current positions, he has served as the Executive Vice President of International Operations and Investor Relations of the Company. Mr. Chen’s primary responsibilities include expanding the Company’s International business in markets of the U.S., Europe, Asia Pacific and South America.

**Mr. Chen has over 26 years of experience in the medical device industry. Prior to joining the Company, Mr. Chen worked for Angiotech Pharmaceuticals, Inc. for 6 years, where he was Senior Vice President of Business Development & Financial Strategy. Prior to joining Angiotech, Mr. Chen was a life sciences investment banker for Credit Suisse and Alex. Brown & Sons where he advised his clients on equity and debt capital raising as well as on Mergers & Acquisitions transactions. Mr.Chen holds a Bachelor of Arts degree in Economics and a Bachelor of Sciences degree with honors in Biological Sciences from Stanford University.**

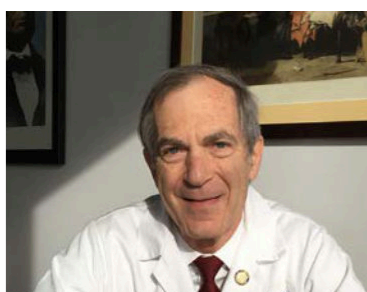


**Caitlin Clark**

Vice President & General Manager, Stryker

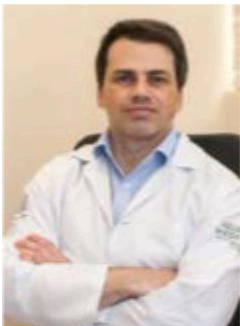
Caitlin Clark is the VP/GM of Stryker's Communications Business Unit, responsible for the vision of the global advanced operating room. Caitlin joined Stryker in 2007 and has since held a variety of increasing leadership positions in Marketing and Sales throughout her tenure.

In prior roles, Caitlin led product and market development for Stryker's advanced visualization portfolio. Her work included deep engagement with key opinion leaders and clinical assessment of opportunities that will advance healthcare. As the VP/GM of Stryker Communications, Caitlin leads a global cross-functional organization that focuses on the creation of the "OR of the Future." Caitlin earned her Bachelor of Science from The Ohio State University, specializing in marketing and finance. Her education includes Stanford's BioDesign and Smith College's Executive Women in Leadership programs. She currently resides in Dallas, Texas.



**Ralph Clayman, MD**

Dr. Ralph V. Clayman is a Distinguished Professor of Urology and Dean (emeritus) at the University of California, Irvine School of Medicine. He initiated the first fellowship program in Endourology (i.e. minimally invasive urologic surgery) and has trained over 35 fellows, many of whom have current leadership positions in academic urology. He has done much pioneering work in the minimally invasive treatment of kidney stones and the laparoscopic approach to kidney surgery, having performed the world's first laparoscopic removal of a kidney in 1990. He is the inaugural chair of the Department of Urology at UC Irvine (2002-2009—rated among the top 20 programs in the United States) and former Dean of the School of Medicine at UC Irvine (2009-2014). Dr. Clayman is a co-founder of the Endourology Society and served as co-editor of the Journal of Endourology for thirty-four years, ending in 2020. He holds 23 patents and has published over 475 peer reviewed manuscripts and three books. He continues his work in the Department of Urology focused on clinical and research aspects of urolithiasis.



**Rafael Coelho, MD**

Graduated in medicine from the University of São Paulo (USP), Rafael Ferreira Coelho is a urologist, with a doctorate in the same specialty. For ten years he has been studying the benefits of robotic surgery in the treatment of diseases of the male urogenital system, especially cancer. With more than 4,500 robotic surgeries performed, he is among the greatest Brazilian authorities on the subject, having also achieved international recognition.

A member of the Brazilian Society of Urology and the Fellowship in Robotic Urology, Dr. Coelho is part of the clinical staff of Hospitals Sírio Libanês, Albert Einstein and Hospital Nove de Julho. His professional activities also include the following:

Director of Research at the Global Robotics Institute – Florida Hospital Celebration Health; Instructor of Urology – University of Central Florida School of Medicine; Medical coordinator of the Urological Clinic Cancer Institute of the State of São Paulo ICESP/FMUSP; Head of the prostate cancer group at the Brazilian Society of Urology. Training (Clinical Fellow) in Robotic Surgery at Florida Hospital Celebration Health for three years ending in 2010.



**Cathy Corder**

Cathy is the Senior Robotic Program Manager/Robotic Educator at the Global Robotics Institute, AdventHealth Celebration. She graduated with a Bachelors Degree from The Ohio State University, Columbus, Ohio, and received her Certificate in Surgical Technology from Delaware County Community College, Media, Pa. She started in robotics in 1999 while working at The Ohio State University Medical Center. She is an International speaker on Robotics OR Education, Building a Successful Robotic Program, OR Competency, and Operating Room Efficiency. She has traveled to numerous countries bringing her multispecialty knowledge and skill about robotics to hospitals, clinics, and conferences. She has participated in over 18,000 robotics procedures.



**Tony Costello, FRACS, FRCSI**

Professor Costello is a Fellow of the Royal Australian College of Surgeons specializing in urological surgery. He has a further qualification of a doctorate in medicine given by thesis from Melbourne University in 1999. The thesis was in the field of urologic surgery. Professor Costello is the former

Head of the Department of Urology at The Royal Melbourne Hospital and Professorial Fellow in the Melbourne University Department of Surgery from 1999-2020. Prior to this he was the Head of the Urology Department at St Vincent's Hospital for 9 years between 1990 and 1999. After completion of the fellowship in Australia he went to the University of Texas, Houston where he successfully completed a fellowship specializing in urological cancer surgery. He was then a senior lecturer in the Department of Urology at the University of London and the Royal London Hospital. He completed a urologic fellowship in London specializing in the areas of reconstructive surgery, general urology, urological cancer and kidney transplant. He has published over 350 journal papers, 25 book chapters and in November 2023 he edited and published the Principles & Practice of Robotic Surgery, 65 Chapter, 650 page textbook Elsevier International both in print and digital. In 2023 he was honored with a Lifetime Achievement Award by the Society of Robotic Surgery (SRS) and appointed to the Board of SRS later that year. He currently is Director of the International Medical Robotics Academy, an organization that is changing the landscape of robotic surgical training including the manufacturing of surgical training models which are anatomically and procedurally accurate synthetic organs.



**Liang Cui, MD**

Dr. Cui is the Director of the Urology Department at the Civil Aviation Medical Center of China, Civil Aviation General Hospital and Civil Aviation Clinical Medical School of Peking University. He is also Co-founder and Director at Suzhou KangDuo Robot Co., Ltd. and Harbin Intelligent Surgery Equipment Co., Ltd.



**Professor Prokar Dasgupta OBE, MSc, MD, DLS, FRCS (Urol), FEBU, FLS, FKC**

Prokar Dasgupta, King's Health Partners (KHP) Foundation Professor of Surgery, is internationally reputed as a clinician-scientist, educator, polymath and 10<sup>th</sup> Editor-in-Chief of the British Journal of Urology International (BJUI).

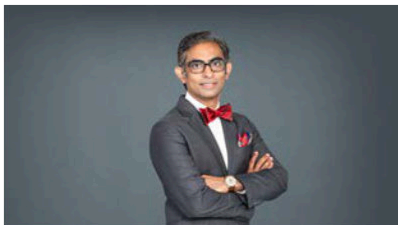
He pioneered robotic surgery in Urology in the UK, and with the help of The Urology Foundation, trained and mentored several consultant surgeons and over 30 fellows both nationally and internationally. He was the first to develop image guided and 3D printed prostatectomies, indentation probes for precise localisation of tumours and is Ambassador for the KCL-Ericsson 5G Global health program in telemedicine. He was Chief Investigator for the world's first randomised controlled trial of telerobotics and the only trial comparing open, laparoscopic and robotic cystectomy. He leads healthcare within the Responsible AI-UK ecosystem funded by the UKRI.



**Mischa Dohler, PhD**

Mischa Dohler is now VP Emerging Technologies at Ericsson Inc. in Silicon Valley, working on cutting-edge topics of 6G, Metaverse, XR, Quantum and Blockchain. He serves on the Technical Advisory Committee of the FCC and on the Spectrum Advisory Board of Ofcom. He is a Fellow of the IEEE, the Royal Academy of Engineering, the Royal Society of Arts (RSA), the Institution of Engineering and Technology (IET); and a Distinguished Member of Harvard Square Leaders Excellence. He is a serial entrepreneur with 5 companies; composer & pianist with 5 albums on Spotify/iTunes; and fluent in several languages. He has had ample coverage by national and international press and media, and is featured on Amazon Prime.

He is a frequent keynote, panel and tutorial speaker, and has received numerous awards. He has pioneered several research fields, contributed to numerous wireless broadband, IoT/M2M and cyber security standards, holds a dozen patents, organized and chaired numerous conferences, was the Editor-in-Chief of two journals, has more than 300 highly-cited publications, and authored several books. He is a Top-1% Cited Innovator across all science fields globally.



**Umamaheswar Duvvuri, MD, PhD**

Umamaheswar Duvvuri, MD, PhD, is a graduate of the University of Pennsylvania obtaining his Medical Degree in 2000 and his PhD in Biophysics in 2002. He completed an internship in General Surgery in 2003 and residency training in Otolaryngology in 2007 at the University of Pittsburgh Medical Center. He completed fellowship training in Head and Neck Surgery in 2008 at the University of Texas MD Anderson Cancer Center. He currently serves as the Mendik Foundation Professor and Chairman of the Department of Otolaryngology-Head & Neck Surgery at NYU Langone Health and NYU Grossman School of Medicine. He was previously Director of Robotic Surgery at UPMC, and co-director of the Head & Neck Cancer Program at UPMC Hillman Cancer Center. He leads a federally funded laboratory studying the mechanisms by which head and neck cancers resist therapies, seeing to develop innovative strategies to optimize treatment outcomes for patients with head and neck cancer. He has authored numerous research publications and book chapters and has delivered lectures on the subject of head and neck cancer surgery both nationally and internationally. A Fulbright scholar, his research interests include minimally invasive endoscopic and robotic surgery of the head and neck, tumors of the thyroid and parathyroid glands and molecular oncology of head and neck cancer. He is a leader in his field and has proctored Transoral Robotic Surgery cases at numerous medical educational facilities throughout the United States and Europe.



**E. Christopher Ellison MD, FACS, MAMSE**

Immediate Past President of the American College of Surgeons. He is the Robert M Zollinger Professor of Surgery Emeritus and Academy Professor at The Ohio State University (OSU) College of Medicine (COM). He previously served as the President and CEO of the OSU Physicians Practice Plan and was a founding member of that organization and Interim Dean of the OSU COM (2014-16) and Chair of Surgery (2000-13). For his teaching accomplishments he was previously recognized as the OSU COM Distinguished Professor. He was a recipient of the OSU Distinguished Service Award in 2020 and the Distinguished Alumni Service Award from the Medical College of Wisconsin in 2021. He is a member of the American College of Surgeons Academy of Master Surgical Educators. His current professional focus is on education and operative coaching of surgical residents.

A second-generation academic surgeon, Dr. Ellison received his undergraduate degree from the University of Wisconsin in 1972 and his medical degree from the Medical College of Wisconsin in 1976. He completed residency at OSU in 1983 and practiced general surgery. He has mentored over 100 surgeons in training and numerous surgical faculty at various stages of their careers. He has published over 160 peer reviewed articles. He is an editor of Zollinger's Atlas of Surgical Operations 11<sup>th</sup> Edition and Fischer's Mastery of Surgery 8<sup>th</sup> Edition. He is considered an authority on surgical workforce issues and co-author of a book entitled "The Coming Shortage of Surgeons". He has served on the Editorial Board of the American Journal of Surgery and as Deputy Editor of the Journal of the American College of Surgeons.

He is considered a leader in American surgery. In October 2022 he was installed as the President of the American College of Surgeons (ACS) serving until October 22, 2023. He has served the profession of surgery in the following leadership roles; American College of Surgeons (ACS) Ohio Chapter-President, an ACS Governor, Chair of ACS Advisory Council for General Surgery and ACS Advisory Council Chair for Surgical Specialties, ACS Foundation Board Chair (2019-2021) American Association of Endocrine Surgeons – Vice President (1992), Central Surgical Association – Secretary 2003-07 and President (2007-8), Society of Surgical Chairs-President (2011-12), ABS Chair in 2010-11, American Surgical Association-Secretary (2009-14) and President (2018-19), James IV Association of Surgeons – Treasurer (2009-14) and President (2015-17).



**Ricardo Estape, MD**

After completing his Bachelors degree in Electrical and Biomedical Engineering, Dr Estape attended medical school at the University of Pennsylvania in Philadelphia, Pennsylvania and earned his degree from the University of Miami in Miami, Florida. Dr Estape went on to do his residency in Obstetrics



and Gynecology as well as his fellowship in Gynecologic Oncology at the University of Miami/Jackson Memorial Hospital Program in Miami, Florida. He then stayed on at the University of Miami as an attending until 2002. He was an Associate Professor in Gynecologic Oncology and became the Director of the Gynecologic Oncology Site Group for the Sylvester Cancer Center at the University of Miami until he went into private practice in South Miami in 2002. He is board certified in Obstetrics and Gynecology and also in Gynecologic Oncology. Dr Estape is a member of the Society of Gynecologic Oncology, a fellow of the American College of Obstetrics and Gynecology, member of the American Association of Gynecologic Laparoscopists, member of the Society of Laparoendoscopic Surgeons, the Alpha Omega Alpha Medical honor Society and many others. He has served as Chief of Obstetrics and Gynecology, and was founder and Chief of the Robotic Program at Baptist Health South Florida that was one of the largest robotic programs in the world doing 4500 cases per year. He has also been Chief of the Blood Conservation Program at South Miami Hospital in Miami, Florida. He helped to develop the new Miami Cancer Institute which is a state of the art cancer center in Miami and was the founding director of the Gynecologic Oncology Tumor Site Team. He also started up the Robotic program at Larkin Hospital in Miami. He currently is the Director of the HCA Florida Institute for Gynecology and Gynecologic Oncology which covers all of the Southeast Florida HCA facilities in multiple counties. He has worked with multiple companies creating new novel robots as well as medical devices to continue to advance the field of minimally invasive surgery. He is a world leader and pioneer in robotic surgery. He has performed over 9000 robotic surgeries which is more than any other gynecologic oncologist or gynecologist in the world.



**Randy Fagin, MD**

Dr. Randy Fagin is the National Group Chief Medical Officer at HCA Healthcare, one of the nation's leading providers of healthcare services. In this role, Fagin serves as part of the Clinical Executive Leadership team for HCA Healthcare and leads medical operations for more than 100 hospitals across 13 states.

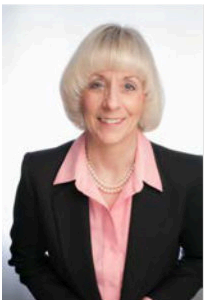
Fagin joined HCA Healthcare's corporate team in 2015 as vice president for robotic surgery and led the company's efforts to become one of the world's largest providers of robotic surgery and education. Over the next 6 years his role expanded to include business development responsibility for Orthopedics, Spine, Neuroscience, Bariatrics and Surgical Services. Previously, Dr. Fagin served as Senior Medical Advisor for Intuitive Surgical, focusing on optimizing healthcare economics and OR team performance in robotic surgery and Chief Administrative Officer of the Texas Institute for Robotic Surgery, focusing on data and performance management in robotic surgery.

Fagin earned his Medical Degree from the State University of New York (SUNY) at Buffalo and completed his residency at the SUNY Health Science Center at Syracuse. Additionally, Dr. Fagin pursued advanced training in Paris, France with the originators of laparoscopic prostatectomy. An early adopter of robotics, he became one of the most experienced robotic surgeons in the world, treating patients from 32 states and 12 countries. He also became an internationally recognized educator through published articles and book chapters, as well as serving as a contributing editor for Urology journals and as conference faculty for international meetings on six continents.



**Raymond Fryrear, MD**

Raymond Fryrear is the Global Head Vice President HFXD for Robotics, Digital and Vision for Johnson and Johnson. Previously he was the Founder and CEO of TSF Properties and Chief of Robotic Surgery and Chairman of Surgery at Lexington Medical Center. Dr. Fryrear has his Medical Degree from Trinity College Dublin and completed the Executive Leadership and Education Program at Harvard Business School.



**Patrice Gabler Blair DrPH, MPH**

Dr. Blair is currently the Associate Director for the American College of Surgeons (ACS) Division of Education, and she has served in this capacity for over 20 years. During this time, many innovative education programs have been developed to address surgical cognitive and technical skills, as well as clinical decision-making and nonclinical content such as leadership, ethics, surgical education, professionalism, and communication across the entire continuum of medical students, residents, and practicing surgeons. In addition to the development, implementation and evaluation of education programs, Dr. Blair has played an instrumental role in research and development in surgical education and training, activities in education accreditation, policy decisions relating to surgical education and training, and personnel and resource management for the ACS Division of Education. She has a number of publications in peer-reviewed journals and was associate editor for the text, *Ethical Issues in Surgical Care*. Current innovative projects include educational programs introducing the use of artificial intelligence in surgical practice and a leading-edge program on operative decision making. A graduate of Johns Hopkins University and University of Illinois at Chicago (UIC), Dr. Blair completed her formal training in public health and has applied public health tenets and systems approaches to have a positive impact on surgical education. Her doctoral studies focused on the acquisition of new operative skills by general surgeons and explored how practicing general surgeons learn new skills, their preferences for learning and integrating new skills into practice, and the role of surgeon leaders in supporting these efforts. Prior to assuming her current position with the American College of Surgeons, Dr. Blair served as the Regional Director of Educational Programs in the Department of Surgery at MCP Hahnemann School of Medicine in Philadelphia, and prior to that, held positions with the American College of Obstetricians and Gynecologists (ACOG), in Washington, DC.



**Dr. Ahmed Ghazi MD, MHPE**

Received his medical education (2000) and Urology residency (2001-2005) from Cairo University, Egypt. He completed a series of endourology fellowships, in Europe (2009-2011), where he received accreditation from the European Board of Urology. He completed a robotic surgery fellowship at the University of Rochester, New York (2011-2013), after which was appointed Assistant professor of Urology at the University of Rochester. In 2023 he joined the Brady Urological Institute at Johns Hopkins University as Director of Robotic and Minimally invasive surgery and Director of Simulation training.

Dr. Ghazi specializes in the diagnosis and minimal invasive treatment of urological cancers. To enhance his educational background, he was awarded the George Corner Deans Teaching fellowship (2014-2016), completed the Harvard Macy Institute program for Educators in Health Professions in 2016, a Masters in Health Professions Education program at the Warner School of Education, University of Rochester (2016-2020) and a Senior Leadership Education and Development Program at the University of Rochester (2021-2023).

Dr. Ghazi founded the Simulation Innovation Laboratory and leads a team of biomedical engineers that combine 3D printing and hydrogel polymer technologies to fabricate realistic procedural models that replicate the texture, appearance and tissue reaction of human organs. In this role, he collaborates with educators nationally, and internationally, in a variety of disciplines to enhance the role of simulation in surgical education.

Dr. Ghazi was awarded several awards at international scientific and academic conferences as well as grants including a Clinical and Translational Science Award (2017), academic PI of a NIH, STTR

grant, and PI of a NIH, NIBIB grant to evaluate the impact of his innovative simulations in improving surgical performance and their translational impact on patient outcomes. Dr. Ghazi believes in a reciprocal relationship between research, teaching & surgery, where each informs and strengthens the others.



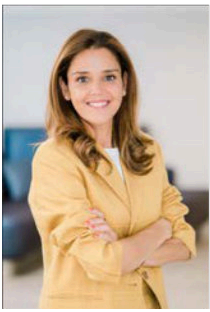
**Ross F. Goldberg MD, FACS**

Chief of the Perioperative Division at Jackson Memorial Hospital and Affiliate Professor in the Department of Surgery at the University of Miami Miller School of Medicine. Dr. Goldberg has been involved with healthcare policy and advocacy for the past 24 years. He was the first surgical resident to sit on the Board of Directors for the American College of Surgeons Professional Association *SurgeonsPAC* and recently finished his term as the Chair of the Board of Governors for the American College of Surgeons (ACS), serving as the youngest Chair in the history of the ACS. Last year he was inducted as an Associate Member into the ACS Academy of Master Surgeon Educators. Currently, he is a member of the American Medical Association Council on Legislation and sits on the Board of Governors for the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). He served as the President of the Arizona Medical Association during the first year of the COVID-19 pandemic, working with numerous stakeholders to assist state leadership in navigating the public health emergency. He assisted in crafting Arizona's expanded telehealth legislation and was appointed by Governor Doug Ducey to the Arizona Telehealth Best Practices Commission. During the pandemic Dr. Goldberg participated in over 180 media interviews, including being featured in *The Atlantic*, *The Wall Street Journal*, *The Washington Post*, *VICE News*, *Fox News*, *CNN*, *BBC Radio*, and *BBC TV*.



**Professor Kenichi Hakamada, MD, PhD**

He is leading a project for the social implementation of tele-surgery in Japan as Vice-Chairman of the Committee for the Promotion of Tele-surgery of the Japan Surgical Society. To date, he has worked with Japanese industry, government, and academia to resolve issues regarding various technical and socio-medical aspects of tele-surgery, and played a central role in the publication of the *Tele-Surgery Guidelines 2022* issued by the Japan Surgical Society. He has also been a member of the Japanese Ministry of Health, Labour, and Welfare (MHLW) Online Medical Care Review Committee to develop the legal environment for the social implementation of tele-surgery in Japan. He specializes in hepatobiliary, transplant, and MIS surgery. After gaining extensive surgical experience in general surgery and MIS, he became a professor & chairman of the Department of Gastroenterological Surgery Hirosaki University in 2008. He introduced da Vinci surgery there in 2011, and it is now a major training and teaching facility for robotic surgery in Japan. Currently, he is the Director of Hirosaki University Hospital.



### **Nadine Haram, MD**

Proximie founder and CEO Nadine Hachach-Haram is a practicing NHS surgeon, lecturer and award-winning clinical entrepreneur. In developing Proximie, Nadine drew on her passions for innovation, education and most significantly, improving access to safe surgical care worldwide to create a solution that CNN has dubbed the “Future of Surgery”. Nadine’s vision for a digitally connected global surgical workforce that uses technology to improve access to surgery, scale surgical expertise and boost educational opportunities for the next generation of practitioners has won plaudits around the world. She was awarded the British Empire Medal (BEM) in the late Queen’s Birthday Honors, was selected to join the New York-based Endeavor entrepreneur program, and sat on the Royal College of Surgeons’ Commission of the Future of Surgery, joining some of the UK’s leading doctors, engineers, data experts, healthcare leaders and patient representatives to set out and explain likely trends in surgery over the next 20 years.

Nadine’s passion for education and nurturing talent as demonstrated in her roles as a member of the faculty at Singularity, a company that offers executive-level business mentoring and consultancy, and her regular participation in Exponential Medicine, an annual event that focuses on highlighting the latest cutting-edge innovations shaping the world of healthcare. On top of all of this, Nadine continues to work as Consultant Plastic Surgeon and Director of Clinical Innovation and Strategic Partnerships at Guy’s and St. Thomas’s NHS Foundation Trust in London. She is also clinical lead at KHP Ventures, a MedTech and digital startup investment partnership between King’s College London, King’s College Hospital NHS Foundation Trust and Guy’s and St. Thomas’ Hospital NHS Foundation Trust.



### **Doug Harcombe, MBA**

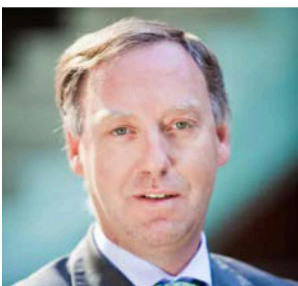
Chief Executive Officer of AdventHealth Lake Nona and the South Market. Doug oversees the South Market, which includes AdventHealth Celebration, AdventHealth East Orlando, AdventHealth Kissimmee and has responsibility of building a new hospital in Lake Nona. He has served as CEO of Florida Hospital Altamonte, Vice President of Operations at Florida Hospital Celebration and Administrator of Florida Hospital Lake Placid. Doug has been with AdventHealth over 33 years serving in numerous roles. Doug received his bachelor’s degree in Business Administration from Washington Adventist University (formerly Columbia Union College) and his master’s degree in Business Administration from National Louis University in Chicago, Illinois. Doug actively participates in Heart of Florida United Way, Central Florida Heart Walk, and supports causes for Autism Awareness. Doug has been married for 28 years to JoAnn and has two beautiful daughters Abby (24) and Olivia (21). He enjoys obstacle course races (mud runs), golf, skiing, and playing any sport.



**Verda Hicks, MD, FACOG**

A practicing Gyn-Oncologist in Kansas City. She has practiced for almost 30 years in full time private and employed practices in Kansas City with faculty positions at both the University of Kansas and University of Missouri-Kansas City. She closed her career as Director of Gyn Oncology for Healthcare Corporation of America hospital system in Kansas City followed by a similar position in the Hackensack Meridian South system in New Jersey. She continues to work a local “locum tenens” position.

Throughout her career, she has been active in professional organizations including Society of Gynecologic Oncology (SGO), American Society of Colposcopy and Cervical Pathology (ASCCP), American College of Surgeons (ACS), and American College of Obstetricians and Gynecologists (ACOG). She actively participated in committee work. She was a Board member for ASCCP, SGO, and ACOG. She received the ACOG Distinguished service award for her work to identify and bring to justice a Kansas City Pharmacist who diluted chemotherapy and other patient medications. For that endeavor, she also received the Lou Peter’s Award from the FBI by director, Robert Mueller. Her academic career is filled with professional presentations and publications with the majority of her work centered on preinvasive vulvar, vaginal, and cervical disease. She has had additional training including certification of Business in Medicine from Johns Hopkins University, Leadership training at the Cefalo Course at University of North Carolina, Chapel Hill, and Physician Leadership graduate of MO KASTI. Dr. Hicks was encouraged and supported by her husband, Raymond, and her family throughout her career. You will hear her speak about the Fellows of ACOG as her family, too.



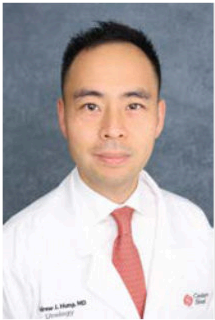
**Santiago Horgan, MD**

Dr. Santiago Horgan is an internationally recognized expert in robot-assisted surgery and other minimally invasive surgical techniques. Dr. Horgan is among the first surgeons trained to perform the Lap-Band Adjustable Gastric Banding System procedure used for the treatment of obesity. As the director of UC San Diego’s Center for the Treatment of Obesity, he has performed more than 1,000 Lap-Band procedures and instructs other surgeons in the Lap-Band and Realize Band techniques throughout the United States. In addition, Dr. Horgan performs other weight loss surgeries including gastric sleeve, gastric bypass, and gastric banding with the Realize band.

A specialist in minimally invasive surgical techniques, Dr. Horgan is skilled in the use of the da Vinci robot system, which enables surgeons to perform even the most complex and delicate procedures through very small incisions with unmatched precision. Dr. Horgan is also a pioneer in the emerging field of Natural Orifice Translumenal Surgery (NOTES), in which surgical instruments are passed through a natural orifice such as the mouth to reach the desired organ. By avoiding major incisions,

the NOTES procedure can provide patients with a faster recovery time and virtually no scarring. As the director of UC San Diego's Center for the Future of Surgery, Dr. Horgan is working with colleagues to advance these scarless techniques by investigating, developing, testing, and teaching procedures that will revolutionize the field of surgery. To date, he has performed more than a dozen NOTES procedures and is involved in continuing clinical trials.

Dr. Horgan is also a specialist in esophageal disorders, using minimally invasive procedures to treat conditions such as gastroesophageal reflux, achalasia, esophageal cancer and Barrett's esophagus. Before he joined the UC San Diego Department of Surgery as Professor of Clinical Surgery in 2006, Dr. Horgan was Director of the Minimally Invasive Surgery and Robotic Surgery Department and Co-Director of the Swallowing Center at the University of Illinois at Chicago. He was also Director of the Minimally Invasive Bariatric Center in Chicago. In 2005, he was named one of America's Top Doctors by Castle Connolly Medical Ltd.



**Andrew J. Hung, MD**

Dr. Hung is a surgeon scientist who specializes in robotic surgery for diseases of the kidney and prostate. His research interests include the development of artificial intelligence methods to improve surgeon skills assessment and training. Dr. Hung received his Bachelor of Science degree with honors from Yale University, and he completed his medical education at the Weill Medical College of Cornell University with honors in research. Dr. Hung completed his urology residency at the University of Southern California, and he stayed at USC for a fellowship in advanced laparoscopy and robotics. After spending 9 years on faculty at USC and attaining tenure, he joins the Department of Urology at Cedars-Sinai Medical Center in July 2023 as Vice Chair for Academic Development.

Dr. Hung is internationally recognized as a leader in the development of innovative surgical simulation and assessment technologies. Supported by both industry grants and the National Institutes of Health, Dr. Hung has also become a leading innovator in the development of automated performance metrics for robotic surgery. His collaboration with data scientists at Caltech has harnessed deep learning algorithms to better predict robotic surgical outcomes and automate surgeon skills assessment. Dr. Hung has produced over 200 papers on surgical assessment and training in leading journals, including *Nature Biomedical Engineering*, *JAMA Surgery*, and *the Journal of Urology*. He served as the first Consulting Editor on Artificial Intelligence for the *British Journal of Urology International*. He currently serves on the American Urological Association's Research Grants and Investigator Support Committee and New Technologies Committee.



**Sudharman Jayaweera, MA, PhD**

Dr. Sudharman K. Jayaweera is currently a Program Director in the Emerging Technologies section of the Division of Innovation Technology and Ecosystems in the Directorate of Technology, Innovation

and Partnerships, or TIP, at the National Science Foundation (NSF) with responsibility for the Advanced Telecommunications and Immersive Technologies. Dr. Jayaweera is also a tenured Professor in Electrical and Computer Engineering at the University of New Mexico with research expertise in wireless/cognitive/cooperative communications, milcom/milsatcom, machine learning, artificial intelligence, spectrum sharing and coexistence, GPS, statistical signal processing and information theory.

Sudharman K. Jayaweera (SM'09) completed his high school education in Sri Lanka at the Rahula College, Matara, and was a science journalist at the Associated Newspapers Ceylon Limited (ANCL) in Colombo Sri Lanka. He received the B.E. degree in Electrical and Electronic Engineering (EEE) with First Class Honors from the University of Melbourne, Australia and obtained his M.A. and PhD degrees in Electrical Engineering (EE) from Princeton University. A senior member of the IEEE, he is also a Fellow of the European Alliance for Innovation (EAI).

He is the founding Director of the Communications and Information Sciences Lab (CISL) at UNM. During 2009-2011 he was a faculty fellow at the Kirtland Air Force Research Laboratory (AFRL) Space Vehicles Directorate (AFRL/RVSV), NM and was a National Academy of Sciences National Research Council (NRC) Senior Fellow at the Naval Postgraduate School (NPS), Monterey, CA, in 2013. Dr. Jayaweera is also the Founder and President of Bluecom Systems and Consulting, an R&D startup company in Albuquerque, NM. Currently an editor of IEEE Communications Letters and the IEEE Open Journal of Vehicular Technology (OJVT), Dr. Jayaweera has served on organizational and Technical Program Committees of numerous IEEE conferences. Previously, he also served as an editor of IEEE Transactions in Wireless Communications and IEEE Transactions in Vehicular Technology. He is the author of the 2015 Wiley book titled Signal Processing for Cognitive Radios.



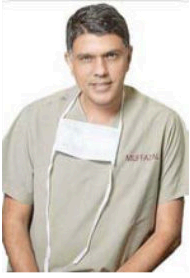
**Louis Kavoussi, MD**

Dr. Kavoussi completed his undergraduate degree at Columbia University and medical degree at the State University of New York at Buffalo. He obtained his urologic training at Washington University of St. Louis and directly following residency was named Chief of Urology at the Jewish Hospital of St. Louis. In 1991 he was appointed Assistant Professor at Harvard School of Medicine and Director of Endourology at the Brigham and Women's Hospital. In 1993 he joined the faculty of Johns Hopkins University School of Medicine where he was Vice Chairman of Urology and Patrick C. Walsh Distinguished Professor. Dr. Kavoussi is currently the Chair of Urology for the Northwell Health (Formerly North Shore-LIJ Health System) and the Waldbaum-Gardner Distinguished Professor of Urology at the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell.

Dr. Kavoussi has made many important contributions to urology.

He was part of several first teams that engendered many of the minimally invasive approaches we use today including the laparoscopic nephrectomy, laparoscopic donor nephrectomy and laparoscopic prostatectomy. His contributions have been documented in over 400 peer reviewed publications. He has edited multiple texts including his role as a co-editor of Campbell-Walsh Urology the bible of urology for 25 years, Smith's Endourology, Atlas of Retroperitoneal Surgery and Handbook of Surgical Techniques.





**Dr. Muffazal Lakdawala, MBBS, MS**

Dr. Muffi is a laparoscopic, GI and bariatric surgeon. He is the Director Dept of General Surgery and Minimal Access Surgical Sciences, at Sir H.N. Reliance Foundation Hospital and Research Center. He has conducted more than 50,000 laparoscopic surgeries in India and internationally. He has published widely on the subject of Metabolic Diseases and has been part of various consensus summits such as The Diabetes Surgery Summit, The Sleeve Gastrectomy Summit, The International Diabetes Federation Guidelines Summit. He has demonstrated live surgeries in almost all Asian and Middle Eastern countries and in Belgium and Italy from Europe.

For his remarkable achievements over the years, Dr. Muffazal Lakdawala has been honored with several awards and accolades. Some of his notable awards recently include the Champion of IFSO (International Federation of Surgeons for Obesity and Metabolic Disorders) Chapters 2021 Miami, World Master Educator Award IFSO 2019 Barcelona; Best Surgeon in the World Award ASMBS (The American Society for Metabolic & Bariatric Surgery) 2019 Las Vegas, Lokmat ‘Maharashtrian of the Year’ 2017, Giant’s Award for Vocational Excellence in the Field of Medicine 2017, Bravery Award by Rotary Club of Bombay 2020.

He has also been awarded various honorary fellowships such as Honorary membership of the Japanese, South Korean, Philippines, Saudi Arabian and Chinese Surgical Societies. In the wake of the COVID crises, Dr. Lakdawala volunteered his time, skills and services as an “advisor” with the Municipal Corporation of Greater Mumbai (BMC) to set-up and administer jumbo facilities for COVID-positive patients. Dr. Lakdawala led a team of 25 health-care professionals to deliver quality care and treatment to over 20,000 COVID positive patients at NSCI at Worli, Mumbai. He was the first in India to think of the idea of a field hospital, jumbo Oxygen cylinders, and remotely monitored ICU’s which became a guide to various similar centres all across Mumbai and Maharashtra helping save many lives during the pandemic.

He has received various awards and Governmental recommendations for the same. He regularly conducts free laparoscopic surgery in camps in remote areas of rural India esp catering for poor women of the region. He has been instrumental in training a large number of women to enable them to become leading Surgeons across the world as well as some of the best OR nurses.



**Mrinalini Lakshminarayanan**

Mrinalini Lakshminarayanan Head of Product Strategy & Innovation, Verizon

Mrinalini Lakshminarayanan is the Head of product strategy and innovation for Industry 4.0 (manufacturing, supply chain), Energy, V2X, Aviation and autonomous navigation. She leads the strategic technology disruptions through next generation edge compute and P5G/5G connectivity

solutions for robotics (AMRs,AGVs), drones, computer vision, AR/VR, artificial intelligence, IoT, device and digital twins, industrial systems, drones, connected cars, electric grid and electric vehicle charging.

In her 26 yrs career she has held global leadership positions for product, technology and operations in Motorola Solutions, Zebra technology, Gogo Inflight (acquired by Intelsat), Parker Hannifin, Ingram Micro and Verizon. This includes leading cutting edge technology and products in Internet of Things (IoT), eXtended Reality (XR), LTE-5G, Artificial Intelligence and Aircraft connectivity (passenger and avionics). She has managed the global P&Ls, industry and university partnership ecosystems, technology and industry center of excellence (CoE) across the broad spectrum of verticals and channels globally.



### **Raymond Leveillee, MD, FRCS-G**

Dr. Leveillee Completed his residency in Urology at Brown University before commencing with an Endourology/Laparoscopy fellowship from the renowned Department of Urology at University of Minnesota in 1995. He rose to the rank of tenured professor at the University of Miami over a 20-year period. He held appointments in the Departments of Urology, Radiology, and Biomedical Engineering with mentorship for fellows in the Endourology Society. He is considered a world leader in Robotics, Kidney and Prostate cancer, Obstructive uropathies, Endourology and Complex Stone disease. A pioneer and outward thinker for his entire career, Dr. Leveillee has been afforded international acclaim being given the distinction of induction into the Thai Urological Society under The Royal Patronage and receiving a medical degree "Ad Eundem" from the Royal College of Surgeons in Glasgow (Scotland). Politically motivated and savvy he was in the Inaugural class of the American Urological Association (AUA) Leadership program, has served on numerous AUA committees including Practice Guidelines, and is Past President of both the Florida Urological Society as well as Southeastern Section of AUA (SESAUA). He has served on AUA Kidney and Adrenal Health Committee and was the Alternate Representative to the AUA Board of Directors. His Curriculum Vitae includes over 130 peer reviewed journal articles, 28 book chapters and editor in Chief for 2 textbooks. Dr. Leveillee currently is the Director of the Bethesda Center for Advanced Robotics And Urologic Care (2015-present) and is an Emeritus Professor of Urology, Radiology and Biomedical Engineering at University of Miami and most recently affiliate Professor of Surgery/Urology at the Charles C. Schmidt College of Medicine at Florida Atlantic University. He is a Charter Member of the Society of Robotic Surgeons (SRS) and is a member of the SRS Board of directors.



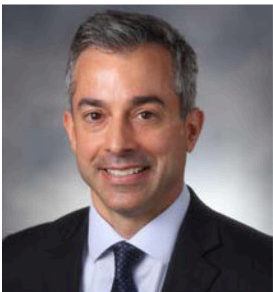
### **Xuesong Li, MD**

Dr. Li is the Director of Peking University First Hospital Miyun Hospital, Professor & Chairman of the Department of Urology, Peking University First Hospital. He is also a Doctoral & Postdoctoral

supervisor, the Vice-president of Peking University Urologists Training Institute. He is the head of upper urinary tract reconstruction subspecialty, Peking University First Hospital and curator of the Beijing Endourological Museum.

In addition, Dr. Li is a Member & Vice Secretary-General for the Robotic surgery group of the Chinese Urological Association (CUA), Board Member & Vice Director-General, Chinese Urological Doctor Association (CUDA), Vice Chairman of the Urological Reconstruction Committee, CUDA, Chairman of the Upper Urinary Tract Collaborative Group, CUDA, Vice chairman of Digital and Artificial Intelligence Collaborative Group, CUDA and Vice Chairman of Post-graduate Medical Education Committee, CUDA. He is a member of the 5<sup>th</sup> Evidence-based Medicine Surgical Committee for the Chinese Medical Doctor Association, a member of Minimal invasive surgery group, Genitourinary tumors committee and Chinese Anti-cancer Association. Dr. Li serves as the Vice Chairman, Urological Reconstruction Committee of Beijing Urological Association, President of the Urological Oncology Committee, Beijing Cancer Prevention & Treatment Society and the Clinical Research Committee Member, Asian Robotic Urologic Society (ARUS) and Urological Association of Asia (UAA).

Dr. Li has published over 240 articles in peer-reviewed journals and 120 articles as first author or corresponding, including top journals such as EU and JU. He had also compiled 19 books and obtained 10 utility model patents.



**Ryan Madder, MD, FSCAI**

Dr. Madder is a practicing interventional cardiologist at Corewell Health West in Grand Rapids, Michigan, where he serves as the Section Chief of Interventional Cardiology and Medical Director of the Cardiac Catheterization Laboratory. He is also a Clinical Associate Professor of Medicine at the Michigan State University College of Human Medicine. Over the past decade, he has been performing robotic coronary interventions in clinical practice and his research has focused on the development of telerobotic endovascular interventions. In 2018, he performed the first *in vivo* telerobotic coronary stenting in a swine model over a distance exceeding 100 miles. In 2019, he collaborated with Verizon Wireless to study transcontinental telerobotic coronary interventions between Boston and San Francisco using a 5G wireless network. His research in transcontinental telerobotics was subsequently featured in the film documentary “Speed of Thought” which premiered on Amazon Prime Video in 2020. In 2022, his research team was awarded an \$8.8 million grant from the Helmsley Charitable Trust to further develop telerobotic capabilities in the United States for the remote treatment of myocardial infarction and stroke.



**Amanda Maggard, MBA, FACHE**

Amanda Maggard serves as the President and CEO of AdventHealth Celebration, a 357-bed, acute care hospital serving Osceola County, surrounding counties, and patients traveling from around the

world. Amanda has nearly 20 years of experience working with AdventHealth. Her background includes hospital operations, organizational development, patient experience, marketing, and fundraising. Prior to joining the AdventHealth Celebration team in June 2023, Amanda served for six years as the CEO for AdventHealth Zephyrhills and AdventHealth Dade City in West Florida.

Amanda is passionate about crafting a mission-driven culture and pursuing excellence in patient care. She is a Fellow of the American College of Healthcare Executives and received undergraduate degrees in Journalism & Marketing from Union College in Lincoln, Nebraska, and a Masters of Business Administration from Webster University. In 2023, she was named a Becker's Healthcare "Rising Star: Healthcare Leaders Under 40." Amanda and her husband, Michael, have two sons – Griffin and Landry. In their downtime, they enjoy staying active, traveling, football, and Disney.



**J. Scott Magnusson, MD, FACS**

Dr. Magnusson is board certified in otolaryngology- head and neck surgery and a pioneer in the field of robotic surgery for the head and neck. He is the founding partner of AdventHealth Medical Group Otolaryngology and Head and Neck Surgery at Celebration, Medical Director of Head and Neck Surgery at AdventHealth Orlando and Chief Medical Officer of the AdventHealth Nicholson Center.

A specialist in treating patients with tumors, or cancer of the head and neck, he is dedicated to ongoing research, clinical trials and the training of other surgeons in this field. Together with his medical team, he provides unsurpassed expertise in head and neck reconstruction following cancer surgery. Dr. Magnusson has published numerous articles on Trans Oral Robotic Surgery (TORS) and is a current professor of otolaryngology- head and neck surgery at the University of South Florida College of Medicine. He previously serves as an associate professor and resident program director of otolaryngology-head and neck surgery at the University of Alabama at Birmingham, where he completed both his internship in general surgery and his residency in otolaryngology while earning multiple awards for excellence in teaching and research.

Dr. Magnusson received his medical degree from the University of Texas Medical School in Houston and is a Fellow of both the American College of Surgeons and the Triological Society (also known as the American Laryngological, Rhinological and Otolological Society).



**Ashley Mancuso**

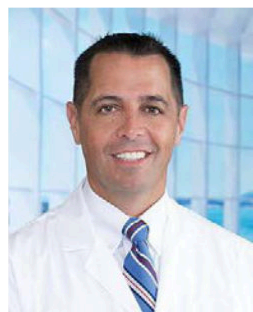
Ashley Mancuso is the Vice President, MedTech Business Information Security Officer (BISO) & Product Security at Johnson & Johnson. In this exciting role, Ashley leads a team of cybersecurity professionals who are laser focused on their critical mission. Ashley is responsible for securing all MedTech information assets, as well as the Information Security & Risk Management (ISRM) product security function. As part of the BISO function, she & her team embed directly with J&J IT, Supply Chain and MedTech teams whose mission is to reach more patients and restore more lives to provide

proactive security and risk management leadership in the design, implementation and testing of applications, cloud environments & digital capabilities across MedTech globally. Additionally, she is accountable for the ISRM product security function. In this role, she manages and maintains enterprise product security policies and procedures to ensure J&J maintains a secure and compliant portfolio of global products and drives a consistent security by design approach. In 2023, Ashley was recognized for her industry impact by receiving the Cyber Security Summit Visionary Leader Award. Ashley joined Johnson & Johnson in 2000 as part of the Cordis IT team in Miami Lakes, FL, where she held various roles with increased responsibility beginning in Infrastructure, Application



**Pr. Jacques Marescaux MD, FACS, Hon FRCS, Hon FASA, Hon APSA, Hon FJSES, Hon FJSS**

Minimally invasive surgery Pr. Jacques Marescaux, born on August 4, 1948, is a renowned figure in the field of minimally invasive surgery. After excelling in his medical education, he delved into digestive pathologies research and eventually became the Chief of Service in 1989. In 1994, he founded IRCAD (Research Institute Against Digestive Cancer), a leading institution in minimally invasive surgery training. Over the years, IRCAD has gained international recognition, hosting thousands of surgeons globally in courses covering theoretical instruction, live surgeries, and practical exercises. The institute has been at the forefront of surgical innovation, particularly in robotics and virtual reality applications. Notable achievements include Operation Lindbergh in 2001, which showcased surgery transcending geographical barriers. IRCAD's commitment to advancing surgical techniques is evident in projects like ANUBIS, focusing on transluminal surgery, and its emphasis on virtual reality research. In 2021, IRCAD unveiled a state-of-the-art facility dedicated to teaching and researching surgical robotics. The WebSurg Virtual University, established in 2000, further emphasizes knowledge exchange, boasting a community of over 500,000 surgeons worldwide. Jacques Marescaux expanded IRCAD's concept globally, establishing centers in Taiwan, Brazil, Lebanon, and Rwanda, with plans for centers in China, North America, and India. Jacques Marescaux advocates for healthcare spending reevaluation, viewing it as an opportunity for development and innovation. His role in modernizing university hospitals in France, particularly through the Institute of Image-Guided Minimally Invasive Surgery, highlights his dedication to advancing healthcare. Throughout his career, Pr. Jacques Marescaux has contributed to over 4,000 publications and communications, receiving invitations to lecture at prestigious institutions globally. He is a member of numerous academies and societies, holding a permanent Chair of Excellence at the University of Strasbourg alongside four Nobel Prize winners. The IRCAD's global presence signifies its commitment to advancing medical research on a worldwide scale.

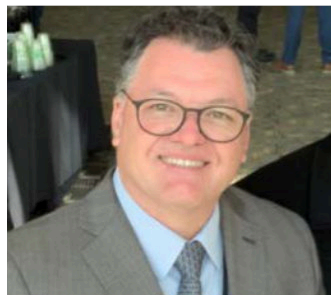


**Martin A. Martino, MD, FACS, FACOG**

Is a doctor with Ascension Medical Group St. Vincent's in Jacksonville, Florida, serving as the Medical Director of the Gynecologic Oncology and Robotic Surgery Program. Dr. Martino is double board-certified in Obstetrics/Gynecology and Gynecologic Oncology with specialized expertise in minimally invasive and robotic-assisted surgery. He is also a Professor in Obstetrics and Gynecology at the University of South Florida.

He has been performing Robotic Surgery since 2008, where he founded the program at Lehigh Valley Health Network in Allentown, PA. He has completed over 3000 cases during this time. Dr. Martino has a special interest in caring for patients with gynecologic malignancies and complex benign gynecological conditions. He also has a special expertise in reproductive surgery (fertility-enhancing surgery), endometriosis, and as well as robot-assisted/minimally invasive surgery. His care goals are to take care of patients as if they are part of his family.

Dr. Martino is a founding member of the Institute for Surgical Excellence ([www.surgicalexcellence.org](http://www.surgicalexcellence.org)) as well as the Robotic Training Network (RTN). He also enjoys traveling, teaching and spending time with his family & friends.



**Armando Melani, MD, MsC, FACS**

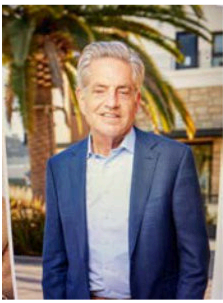
Dr. Armando Melani is a colorectal and transanal surgeon at Americas Medical City, in Sao Paulo. He studied medicine at the "Faculdade de Medicina de Ribeirao Preto". He is, since July 2011, the director of IRCAD America Latina.



**Brian Miller, PhD**

Brian Miller, Ph.D., is executive vice president and chief digital officer at Intuitive. Dr. Miller oversees all aspects of the company's digital business – strategy, solutions, operations, product management, infrastructure, privacy, security, and network operations. He brings more than 20 years of robotics and digital technology experience, with a clear focus on creating clinical and operational value for customers and new business value for the company. Miller began his career in the field of robotic surgery at Computer Motion, where he developed software for two of the earliest robotic surgical systems – AESOP and ZEUS. Miller joined Intuitive when the two companies merged in 2003. Starting as a control systems analyst, he quickly rose through the ranks at Intuitive, earning key engineering roles with increasing responsibility: director of engineering, simulation & networking; director of advanced development – the group responsible for next-generation technology – and vice president, system engineering, a role he held until 2015. Most recently, Miller served as senior vice president and general manager of Systems, Imaging, and Digital, a role where he honed and expanded the company's digital strategy and offerings.

During his tenure at Intuitive, Miller has contributed to key innovations in robotic surgical systems and surgeon simulation capabilities, earning patents for 3-D telestration, adaptive video streaming, video content searching, and virtual reality simulation for surgeon training. Miller earned a B.S. in electrical and computer engineering from Iowa State University. At Northwestern University, he earned an M.S. and Ph.D. in mechanical engineering with a focus on haptic interfaces and robotics. He also participated in the Advanced Management Program at Harvard Business School.



### **Fred Moll, MD, MS**

Frederic H. Moll Biography Frederic H. Moll, M.D. is widely recognized as the pioneer of surgical robotics, having founded Intuitive Surgical in 1995. In the past 3 decades, Dr Moll has created a number of medical robotics companies, most recently Auris Health, sold to JnJ in 2019. Dr Moll served as the Chief Development Officer of Johnson & Johnson's Medical Device Group from April 2019 to March 2023. Dr. Moll is a director of a number of leading healthcare companies including Shockwave Medical, Procept BioRobotics and Reflexion. He is a general partner of Sonder Capital and a senior advisor to JPMorgan's newly formed Healthcare Venture Fund. Dr. Moll earned an M.D. from the University of Washington School of Medicine, an M.S. degree from Stanford University, and a B.A. from the University of California at Berkeley.



### **Alexandre Mottrie, MD, PhD**

Professor Alexandre Mottrie graduated in 1988 from the School of Medicine at the Catholic University of Leuven, Belgium. He completed his residency in Urology in 1994 at the Johannes Gutenberg University of Mainz, Germany where he was a Staff Member till 1996. Afterwards, he served as a Fellow in Washington University St.-Louis, Missouri, U.S.A. for six months to improve his laparoscopic skills. Since 1996, he is Urologist in the O.L.V. Clinic in Aalst, Belgium. On December 5 2011, he successfully defended his Ph.D. in the University of Saarland, Homburg-Saar, Germany. His major interests are urological oncology and minimal invasive surgery. He is a pioneer in robotic surgery and started this type of surgery in 2001. He developed different procedures in robotic surgery. At his department, he started laparoscopic and robotic surgery to become training center in this field. He trained numerous colleagues from all over Europe and beyond in the field of robotic surgery. With over 6000 robotic procedures, he has one of the largest experiences in that field.

In 2010, Prof. Mottrie founded the ORSI-Academy, an innovation center in robotic and minimal-invasive surgery. As CEO, he is doing basic research on improving training and education in surgery. Prof. Mottrie is scientifically very involved. His H-index is 50. He has authored multiple scientific papers (416 peer-reviewed dd 24 December 2023) and organised several international Congresses and Masterclasses in these fields. He has been actively involved in multiple congresses by performing live-surgery, giving courses and/or presenting state-of-the-art lectures. He is the Scientific Director of the ERUS-congresses.

He is the founder and past-president of the EAU Robotic Urology Section (ERUS), co-founder of the Society of Robotic Surgeons (SRS) and the past-president of the Belgian Laparoscopic Urology Group (BLUG). He is the past Editor of the Surgery-in-Motion Section of European Urology (IF >24).

He is Associate Professor in the Universität des Saarlandes Homburg-Saar (Germany) and the University of Ghent (Belgium). He received the “Golden Telescope Award” at the Hamlyn Symposium of the Imperial College in London (20/06/2015), the “Saint-Pauls’ medal” from BAUS in Glasgow (25/06/2019) and the “John Wickham Award” from ERUS in Düsseldorf (7/11/2022) for lifetime achievements in the robotic field.



**Senthil Nathan, MBBS, PhD**

Senthil Nathan is a Consultant Urological Surgeon and Honorary Associate Professor, working at University College London Hospital NHS Trust and University College of London. He specializes in urological cancer surgery and minimally invasive treatments for them including Robotic surgery. He is the Director of Robotic Education in the Chitra Sethia Centre for Robotics, in London. He is the Clinical Lead for the Urology Team and Chair of The Multidisciplinary Team for Uro-oncology at The Cleveland Clinic London. He is the Director of Robotics & Surgical Innovations at Cleveland Clinic London.

After graduating MBBS with honours from The Madras Medical College, Senthil completed his Masters in Surgery from Bangalore Medical College where he won The Association of Surgeons of India Gold Medal for securing the highest mark in the surgical exit exam. While working as an Assistant Surgeon in The Church of South India Hospital in Bangalore he was one among the first candidates to be selected by the Royal College of Surgeons of England to continue specialist training in the Overseas Training Scheme.

After working in general surgery and obtaining FRCS in Yorkshire he chose to be a Urologist and obtained Diploma in Urology while working at Royal Free Hospital. He secured an Honorary Lecturer position at Guys Hospital to develop robotic techniques in urology. Along with Mr John Wickham and colleagues from The Imperial College he developed The Probot and carried out the first true robotic surgery in the world. Towards this he was awarded a MPhil in Urology by the University of London. He further gained a fellowship of the European board of Urology and a diploma in laparoscopy from the university of Strasbourg. He is a Fellow of the Royal College of Surgeons of Edinburgh in Urology. Senthil is a Trustee of the SNJ Educational & Charitable Trust; Managing Trustee of the SNJ Education Fund; President of the Government Aided Secondary School, Venkatachalapuram, India; Honorary Advisor to the N Sethia Foundation and former Trustee of the Prostate Cancer Research Foundation. He is a member of BAUS, EAU, AUA, ERUS, BMA and RSM He is a member of The Marylebone Cricket Club, The Travellers Club, The Madras Club and The Arsenal Football Club. He is on the Board of Directors for Urology at The Society of Robotic Surgery and Committee member of Data for the Society of Endourology.





**Eiji Oki, MD, PhD FACS**

Eiji Oki is a surgeon and medical oncologist. He specializes in clinical oncology, gastroenterological surgery, laparoscopic and robotic surgery. He graduated from the medical school of Kyushu University in Japan in 1993. After residency, he acquired his PhD in 1999 from his research on DNA repair. Then he spent two years as a research fellow in the Department of Adult Oncology at Harvard Medical School and the Dana-Farber Cancer Institute from 1999-2001, as well as two years in the National Kyushu Cancer Center in Japan from 2008-2010. Currently, he is the Associate professor in the Department of Surgery and Science at Kyushu University and Manager of Center for Integration of Advanced Medicine, Life Science and Innovative Technology Kyushu University Hospital. He has been involved in the development of tele-surgery techniques and tele-surgery guidelines in Japan.

He has hundreds of publications in the field of gastric and colorectal cancer, and plays a central role in key clinical trial groups in Japan.

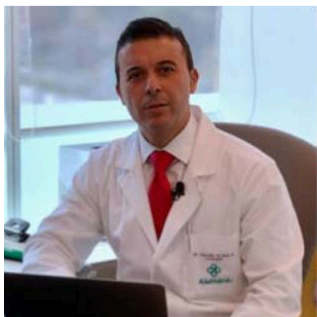


**Dmitry Oleynikov, MD, FACS**

He is a board certified Minimally Invasive General Surgeon and Robotic Surgeon. He serves as Chairman, Department of Surgery Monmouth Medical Center and Clinical Professor Department of Surgery Rutgers Robert Wood Johnson Medical School Chief Medical Officer. He is also a Co-Founder Virtual Incision Corp and former Joseph and Richard Still Endowed Professor of Surgery, Chief Minimally Invasive Surgery and Director of Center for Advanced Surgical Technology at the University of Nebraska Medical Center, School of Medicine. He received his education at the Albert Einstein College of Medicine and surgical residency at University of Utah in Salt Lake City. Upon completing his residency, Dr. Dmitry Oleynikov served as a Senior Fellow at the University of Washington School of Medicine.

Dr. Dmitry Oleynikov has been an active investigator and researcher in the College of Medicine for the past 18 years. He has published over 200 peer reviewed articles, and over 250 abstract presentations, 25 patents in the area of surgical robotics and surgical outcomes research. He has had continuous external funding for the past 18 years, totaling over \$60 million. The Society of American Gastrointestinal and Endoscopic Surgeons has recognized him for his achievements with an award in Excellence in Leadership and he served on its Board of Directors and currently serves as Chair of Robotics Committee. As a member of American Surgical Association, he was honored with a Brandeis Leadership Course Award. His other honors include Outstanding Teacher Award, University of Nebraska Medical School, Alpha Omega Alpha, Innovation, Development and Engagement Award, University of Nebraska, Lincoln and the Distinguished Scientist Award, University of Nebraska Medical Center.

His research use of miniature robots for general surgery is internationally recognized as a disruptive technological change to robotic surgery. This technology has been featured in multiple journals as well as on CNN, Wired Magazine and The Economist. This has led Dr. Dmitry Oleynikov to Co-found a startup company designed for commercialization of miniature robots for surgical applications. As the Chief Medical Officer, he was able to successfully guide the company through a first in man surgical trials and a successful USA based multicenter FDA Investigational Device Exemption trial and now serves as Chief Surgeon. In his role as the Chair of Department of Surgery since May 2020 Dr. Oleynikov successfully led the department of surgery through several COVID related shutdowns and disruption of surgical services and emerge as the highest quality and most financially sustainable department in the system. He established national surgical quality improvement program (NSQIP), recruited 5 new chiefs of surgical subspecialties and a record number of new faculty. He has built a surgical practice of complex robotic revisional foregut surgery and is considered an expert in this field.



**Marcelo Orvieto, MD**

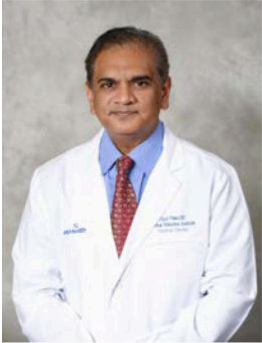
Experienced Urologist with a vast history of working in the field of urologic surgical oncology. Dr Orvieto did his urologic training at the University of Chicago, IL under the mentorship of Arieh L Shalhav and Gary Steinberg amongst other world-leading urologists. Dr Orvieto is highly skilled in Clinical Research, Medical education, with over 90 peer-reviewed publications in international speciality journals. Dr Orvieto is fellowship-trained in Urologic Oncology and Minimally Invasive Urology. He is currently chief of Robotic Surgery and Minimally Invasive Urology at Clinica Alemana in Santiago, Chile.



**Eduardo Parra Davila, MD, FACS, FASCRS**

Eduardo Parra-Davila, MD, FACS, FASCRS, is a bariatric surgeon, colorectal and general surgeon and is dedicated to providing the community with comprehensive care. Dr. Parra-Davila leads the Palm Beach Digital Surgery Institute in West Palm Beach, FL. Dr. Parra-Davila specializes in bariatric weight loss surgery, hernia and abdominal wall reconstruction, colorectal cancer, diverticulitis, rectal prolapse, endometriosis, incontinence, hemorrhoids, gallbladder disease, gastroesophageal reflux, robotics, and minimally invasive surgery. He is on-staff at Good Samaritan Medical Center in West Palm Beach, FL. Dr. Parra-Davila brings more than 30 years of experience to the care of patients and is known for a robotic surgical approach that often avoids the need for open surgery, instead operating through very small incisions. This approach minimizes infection, pain and recovery times. For his education and training, Dr. Parra-Davila completed two fellowships: one in Advanced Laparoscopy Minimally Invasive Surgery at the Texas Endosurgery Institute in San Antonio, TX and another fellowship in Colon and Rectal Surgery at the University of Texas in Houston, TX. Dr. Parra-Davila completed his residency in General Surgery at the University of Miami, Jackson Memorial Hospital in Miami. Dr. Parra-Davila graduated medical school from the University of Los Andes in

Merida, Venezuela. Committed to advancing the field of medicine, Dr. Parra-Davila has given numerous national and international conferences and trained thousands of surgeons in minimally invasive and robotic surgery worldwide. He has also participated in several research studies that include robotic surgery in colorectal and abdominal wall reconstruction. Dr. Parra-Davila is a founding member of the Society of Robotic Surgeons and the Clinical Robotic Surgery Association. He was a former board member of the American Hernia Society. Dr. Parra-Davila is trilingual in English, Spanish and Portuguese. He has been practicing medicine since 1988.



**Vipul Patel, MD, FACS**

Vipul Patel, MD, FACS completed his medical school education at Baylor College of Medicine in Houston, TX. He then completed his residency and fellowship training at the University of Miami in Florida. Subsequently, Dr. Patel served as director of the Robotic Surgery Program at The Ohio State University in Columbus, Ohio, prior to joining Advent Health Celebration.

Dr. Patel is board certified by the American Urological Association and is the medical director of the Global Robotics Institute at Advent Health Celebration and medical director of the Advent Health Cancer Institute Urologic Oncology Program. He is a professor of Urology at the University of Central Florida College of Medicine in Orlando, Florida, and a clinical associate professor of Urology at Nova Southeastern University, also in Orlando. He is the founder of the International Prostate Cancer Foundation (IPCF) and a founding member of the Society of Robotic Surgery. He is the editor emeritus of The Journal of Robotic Surgery and editor of the first-ever robotic urology textbook. Dr Patel was also named to the Stanford University/Elsevier Publishing top 2% of scientists in the world in 2021.

He leads one of the world's most experienced robotic surgery teams and travels around the world to educate physicians and care for patients. Dr. Patel is world-renowned for his contribution to the field of robotic surgery and prostate cancer. Dr Patel is the most experienced robotic surgeon in the world and has personally performed nearly 18,000 robotic prostatectomies for the treatment of prostate cancer.



**Aurora Pryor, MD, MBA**

Dr. Aurora Pryor is Surgeon in Chief at Long Island Jewish Hospital and System Director for Bariatric Surgery at Northwell Health. She received her undergrad degree in engineering and her MD from Duke University. She completed her residency in General Surgery at Duke, followed by a fellowship in minimally invasive surgery. She was on the faculty at Duke from 2003-2011. Moving to New York in 2011, she served as Vice Chair of Surgery, Chief of Bariatric, Foregut and Advanced GI Surgery and Director of the Bariatric and Metabolic Weight Loss Center at Stony Brook from 2011-2022. She was also Director of the Advanced GI/MIS/Bariatric/Foregut fellowship at Stony Brook.

Dr. Pryor was the 2019-2020 President of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). She has also served as the SAGES Treasurer, Financial Chair, Membership Chair and the Research and Career Development Chair, among other roles. She currently serves on the American Board of Surgery as a Councilor and was the Vice Chair of the General Surgery Board. She is also the Chair of the In Training Exam Committee and Chair of the Video Based Assessment (VBA) Task Force. She serves on the editorial boards of *Annals of Surgery* and the *Journal of the American College of Surgeons*. In 2021 she started the Women's Leadership in Surgery Society for which she was the inaugural President. Dr. Pryor's work has appeared in more than 250 publications, and she has co-edited four textbooks.



**Carla Pugh, MD, PhD**

Carla Pugh, MD, PhD is the Thomas Krummel [Professor of Surgery](#) at Stanford Medicine and Director of the [Technology Enabled Clinical Improvement \(T.E.C.I.\) Center](#). Her clinical area of expertise is Acute Care Surgery and her research involves the use of simulation, advanced engineering technologies, and artificial intelligence to develop new approaches for assessing and defining mastery in clinical procedural skills. Dr. Pugh is considered to be a leading, international expert on the use of sensors and motion tracking technologies for performance measurement.

Dr. Pugh obtained her undergraduate degree at U.C. Berkeley in Neurobiology and her medical degree at Howard University School of Medicine. Upon completion of her surgical training at Howard University Hospital, she attended Stanford University to obtain her PhD in Education. Her goal is to use technology to change the face of medical and surgical education. Dr. Pugh holds multiple patents on the use of sensor and data acquisition technology to measure and characterize hands-on clinical skills. Currently, over two hundred medical and nursing schools are using one of her sensor-enabled training tools for their students and trainees.

Her work has received numerous awards from medical and engineering organizations, including the [Presidential Early Career Award for Scientists and Engineers](#) from President Barack Obama at the White House in 2011. In 2014, she was invited to give a [TEDMED talk](#) on the potential uses of technology to transform how we measure clinical skills in medicine. Recently, Dr. Pugh was inducted into the [American Institute for Medical and Biological Engineering](#) (April 2018), the [American College of Surgeons Academy of Master Surgeon Educators](#) (April 2019), as well as the [American Board of Surgery Council](#) (February 2020). Dr. Pugh also holds numerous appointments within professional societies and executive level board memberships on the local and national level including the American College of Surgeons, the Society of American Gastrointestinal and Endoscopic Surgeons, and the Department of Defense Health Board Trauma and Injury Subcommittee.



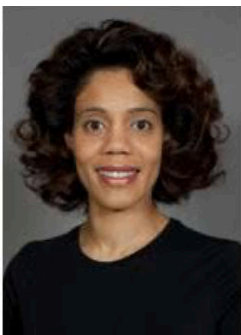
**Sheeraz Qureshi, MD, MBA**

Dr. Sheeraz Qureshi is Co-Chief of HSS Spine, Attending Orthopedic Surgeon, and the Patty and Jay Baker Chair in Minimally Invasive Spine Surgery. He is a founding member and treasurer of the Minimally Invasive Spine Study Group (MISSG).

Dr. Qureshi is a recognized leader and one of the premier surgeons in the field of minimally invasive and motion-sparing spine surgery. He has one of the busiest clinical practices in the country, performing nearly 300 minimally invasive spine surgeries annually. Dr. Qureshi also helps design innovative surgical technology with the leading spinal implant companies in the world.

Dr. Qureshi's major research interests include outcomes related to minimally invasive spine surgery, cost-effectiveness and value of spinal surgery procedures, and comparative effectiveness of various treatments of spinal pathology. He has authored over 100 articles, book chapters, and textbooks and given over 100 invited lectures around the world. In addition, Dr. Qureshi is committed to training future surgeons, having trained fellows nationally and internationally. Spine surgeons from Asia, Europe, and Australia have visited his operating room to learn the newest techniques in minimally invasive spine surgery.

Dr. Qureshi received his undergraduate degree from Rutgers University and his medical degree from Tufts University School of Medicine. While in medical school, he also earned an MBA in health administration. Dr. Qureshi completed his orthopedic surgery residency at Mount Sinai Hospital in New York City and then received advanced training in complex spine surgery under Dr. Henry Bohlman in Cleveland, Ohio. Additionally, Dr. Qureshi completed the Cervical Spine Research Society's Traveling Fellowship.



**Mari Robertson, PhD**

Dr. Robertson is an Assistant Professor of Economics at Rollins College in Winter Park, Florida. She was previously an Assistant Professor at the University of Cincinnati. Dr. Robertson received her PhD at American University.

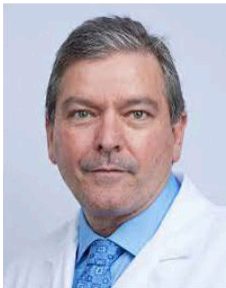


### **Bernardo Rocco, MD**

Prof. Bernardo Rocco was born in Milan, 31 October 1973. Graduated in 1998 (110/119 cum laude) at the University of Milan, Italy. He post graduated in Urology in 2003 (70/70 cum laude) and registered to the state medical board of Milan, Italy and Switzerland. In 2009 he had a one-year research and clinical fellowship in Robotic Surgery at Global Robotics Institute, Celebration (FL). From 2003 to 2011 he worked as Medical Assistant at the Department of Urology at Istituto Europeo di Oncologia, Milan; during 2009-2011 he was Deputy Director and Director of Surgical Robotic School at the same Institution. From 2011 to November 2016 he worked as First Level Medical Executive at Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan. In November 2016 he became Associate Professor in Urology at the University of Modena e Reggio Emilia and First Level Medical Executive at Nuovo Ospedale Civile Sant' Agostino Estense di Baggiovara, Modena, Italy.

Since November 2018 he is the Chief of the Department of Urology at the University of Modena, Italy, and Full Professor in Urology at the same Institution. He is a mentor in robotic surgery – in both adults and pediatrics – at national and international urological units and performed several live cases of robotic procedures; he is a co-inventor of the posterior reconstruction technique (Rocco's stitch) and promoter of its use during minimally invasive radical prostatectomy.

He is author of more than 150 articles indexed in Scopus and Pubmed.



### **Martin Roche, MD**

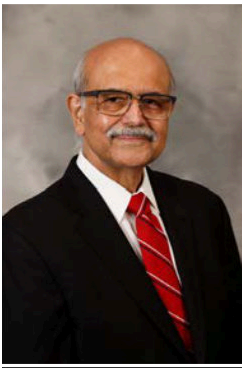
Martin Roche MD is the Director of Arthroplasty at HSS Florida. He is a practicing robotic knee arthroplasty surgeon. He was the designing surgeon at Mako Surgical and completed the first Makoplasty partial knee replacement and total knee replacement that was acquired by Stryker. He founded Orthosensor which focused on intra-operative and implantable sensors to give surgeons actionable objective data, which was acquired by Stryker. His research, publications, fellowship, and international teaching focuses on the evolution of robotics, sensors, and Ai driven robotic interactions. He holds > 90 patents in the MedTech space and sits on multiple MedTech boards and Investment companies.



### **Sharona Ross, MD, FACS**

Board-certified advanced Foregut and HPB surgeon, Dr. Ross has garnered nearly 20 years of vast knowledge and professional experience in her field. She specializes in robotic and single incision laparoscopic operations for conditions of the esophagus, stomach, small bowel, pancreas, gallbladder, and liver. Daily Dr. Ross participates in various committees that determine the quality of care delivered at AdventHealth Tampa. She is also the Director of the surgical floor at the hospital where she works with nurses and the surgical teams to optimize the quality of care their surgical patients receive. Together they work with various surgical industries to ensure that their patients are treated with the best and safest surgical technologies. Highly skilled in advanced Foregut and HPB Surgery, she was one of the first surgeons in the United States to offer Laparo-Endoscopic Single Site (LESS) Surgery and is one of the few surgeons to offer patients robotic complex abdominal operations for cancers she specializes in. A frontrunner in her specialty, she also serves as the Director of the Advanced GI and HBP Surgery Fellowship at the Digestive Institute, which trains new surgeons to master minimally invasive complex operations.

After high school Dr. Ross completed two years of mandatory military service in the Israeli Defence Forces (IDF). Focused and determined, Dr. Ross' acclaimed career began after receiving her Medical Degree from the University of George Washington College of Medicine in Washington DC. She completed her General Surgery residency at the University of South Florida College of Medicine, Department of General Surgery in 2006, and was later awarded the prestigious HPB/Advanced Gastrointestinal Surgery and Minimally Invasive Surgery Fellowship at USF/Tampa General Hospital, 2007. She also completed an Endoscopic Gastroenterology Fellowship at the Division of Digestive Disorders & Nutrition, Department of Medicine University of South Florida, 2008. In light of her academic achievements, Dr. Ross is board certified by the American Board of Surgery. Remaining abreast of the latest industry developments, Dr. Ross has maintained active memberships and affiliations with several professional organizations. She is a member of the Society of American Gastrointestinal and Endoscopic Surgeons Program Committee, Co-Chair of Technology Committee, Development Committee, and Robotic Task Force Committee. She is on the Society of Laparoendoscopic & Robotic Surgeons International Advisory Board, Chair of the Technology, Innovation, & Standardization Committee, and Women in Surgery Committee. In the American College of Surgeons, she is a member of the Executive Video-based Education Committee, Florida Chapter Chair – Women in Surgery, and Fellow of the Florida Chapter Council Committee. She is also a member and actively involved in the American Hepato-Pancreato-Biliary Association, The Society for Surgery of the Alimentary Tract, Southeastern Surgical Congress, and Society of Robotic Surgery. Dr. Ross is a reviewer on the editorial boards of the American Surgeon, Annals of Surgery, Journal of Gastrointestinal Surgery, Journal of Gastrointestinal & Hepatology Research, Surgical Endoscopy, ISRN Minimally Invasive Surgery, and Journal of Society of Laparoendoscopic and Robotic Surgeons.



**Ajit K. Sachdeva, MD, FACS, FRCSC, FSACME, MAMSE**

Dr. Sachdeva is the Founding Director of the Division of Education at the American College of Surgeons (ACS). Under Dr. Sachdeva's leadership, several iconic education programs have been launched and renowned legacy programs have been taken to the next level. Dr. Sachdeva is also Adjunct Professor of Surgery at Northwestern University Feinberg School of Medicine. Dr. Sachdeva previously served as Leon C. Sunstein, Jr., Professor of Medical and Health Sciences Education, Associate Dean for Medical Education, and Professor and Vice Chairman for Educational Affairs, Department of Surgery, at MCP Hahnemann School of Medicine. He also served as Chief of Surgical Services at the Philadelphia Veterans Affairs Medical Center.

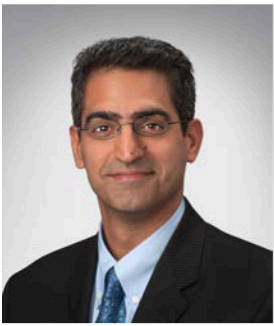
Dr. Sachdeva was inducted as a Founding Member of the ACS Academy of Master Surgeon Educators. He has been the recipient of the Distinguished Educator Award (a Lifetime Achievement Award) of the Association for Surgical Education, Margaret Hay Edwards Achievement Medal for Outstanding Contributions to Cancer Education, Theodore McGraw Medal, Lindback Award for Distinguished Teaching, and Blockley-Osler Award for Excellence in Clinical Teaching. He has published more than 100 peer-reviewed papers on surgical and medical education topics and delivered invited presentations in the U.S., Canada, Europe, Japan, and Australia. Dr. Sachdeva has served on the Boards of Accreditation Council for Continuing Medical Education and Accreditation Council for Graduate Medical Education. Dr. Sachdeva has served as President of Association for Surgical Education, American Association for Cancer Education, Alliance for Clinical Education, Council of Medical Specialty Societies, and Society for Academic Continuing Medical Education.



**Joy Sacmar**

Vice President, Regulatory Affairs for Robotics and Digital Solutions at Johnson & Johnson MedTech. Joy joined JnJ as part of the company's acquisition of Auris Health, where she was Vice President of Regulatory Affairs and Quality Assurance. Joy's 20+ yrs of experience in Medical Devices spans from small start-ups to Fortune 500 companies in the oncologic, imaging, robotics, and digital health space. Joy has distinguished herself as a trusted regulatory partner with strong business acumen and a keen focus on understanding patient and customer needs. She is responsible for leading a strong core of experts in developing global regulatory strategies and overseeing its robotics and digital surgery product development projects. Working through cross-functional teams, she optimizes time to market. Her global experience includes leading and building global teams who share her passion for the role regulatory can play in driving innovation and influencing the external environment to enable positive patient outcomes. Prior to JnJ, Joy served as Vice President of Regulatory Affairs & Quality Assurance for Accuray, a publicly-traded radiation company. In that role, she was responsible for both regulatory affairs and quality assurance - heading an international team, spread several sites, and leading the global management of all Quality Systems activities. She earned a B.S. in Chemistry at Loyola Marymount University. Joy is based in Redwood City, CA. Outside of JnJ, Joy enjoys traveling, snowboarding, and trying new restaurants with her husband and twin boys.





**Inderpal (Netu) S. Sarkaria, MD, MBA, FACS**

Chief of Thoracic Surgery at UT Southwestern Medical Center

Dr. Sarkaria earned his medical degree from the University of Medicine and Dentistry of New Jersey in Newark. He completed a residency in general surgery and cardiac surgery fellowship at New York Presbyterian Hospital-Weill Cornell Medical Center. He also gained advanced fellowship training in thoracic surgical oncology and cancer research at Memorial Sloan Kettering Cancer Center. He completed an additional fellowship in minimally invasive thoracic surgery at the University of Pittsburgh Medical Center.

Dr. Sarkaria has been recognized for his expertise in minimally invasive and Video Assisted Thoracic Surgical (VATS) approaches, including esophagectomy, VATS lobectomy, laparoscopic anti-reflux surgery, and laparoscopic repair of giant paraoesophageal hernias (GPEH). His research interests include but are not limited to the development of advanced minimally invasive robotic approaches to thoracic surgery, and novel surgical imaging techniques in patients with thoracic cancers.



**Rick Satava, MD, FACS**

Richard Satava, MD, FACS, is Professor Emeritus of Surgery, University of Washington Medical Center in Seattle, Washington.

Prior academic positions include Professor of Surgery at Yale University and a military appointment as Professor of Surgery (USUHS) in the Army Medical Corps assigned to General Surgery at Walter Reed Army Medical Center. Government positions included Program Manager of Advanced Biomedical Technology at the Defense Advanced Research Projects Agency (DARPA) for 12 years and Senior Science Advisor at the US Army Medical Research and Materiel Command in Ft. Detrick, Maryland, and Director of the NASA Commercial Space Center for Medical Informatics Telemedicine, and Advanced Technology (NASA-CSC-MITAT) at Yale University. Upon completion of military career and government service he had continued clinical medicine at Yale University and University of Washington.

He also holds a PhD(hon) at Semmelweis University in Budapest, Hungary and PhD(hon) at Titu Maiorescu University in Bucharest Romania. He has served in government on the White House Office of Science and Technology Policy (OSTP) Committee on Health, Food and Safety and was also awarded the prestigious Department of Defense Legion of Merit and Department of Defense Exceptional Service medals as well as awarded the Smithsonian Laureate in Healthcare. He has been a member of numerous committees of the American College of Surgeons (ACS), currently serving on the ACS-Accredited Education Institutes (ACS-AEI). He is a Past President of the Society of American Gastrointestinal Endoscopic Surgeons (SAGES), the Society of Laparoendoscopic

Surgeons (SLS), and the Society of Medical Innovation and Therapy (SMIT). He was a member of the National Board of Medical Examiners (NBME) and is currently on the Board of many surgical societies and on the editorial board of numerous surgical and scientific journals, and active in a number of surgical and engineering societies.

In pioneering research in telepresence surgery, he was the surgeon on the project that developed the first surgical robot, which later became the DaVinci Surgical Robot. He also was the founder of the Medicine Meets Virtual Reality (MMVR) conference and built (with Jaron Lanier), the first VR simulator for surgery (in 1989). Short thereafter, while at DARPA, he funded all robotic surgery research and all VR medical simulation for their first 10 years of their development. For 5 years he was a member of the Advisory Board of the National Space Biomedical Research Institute (NSBRI) advising NASA in the use of advanced biometric sensing, haptics and other life science research for astronauts. Now Dr. Satava has added being continuously active in surgical education and surgical research, with more than 250 publications and book chapters in diverse areas of advanced surgical technology, including Surgery in the Space Environment, Video and 3-D imaging, Plasma Medicine, Directed Energy Surgery, Telepresence Surgery, Robotic Surgery, Applications of AI for Surgery, Virtual Reality Surgical Simulation, Objective Assessment of Surgical Competence and Training and the Moral and Ethical Impact of Advanced Technologies.

During his 23 years of military surgery he had been an active flight surgeon, an Army astronaut candidate, combat tours of duty as MASH surgeon for the Grenada Invasion, and a hospital commander during Desert Storm, all the while continuing clinical surgical practice. Current research is focused on advanced technologies to formulate the architecture for the next generation of clinical Medicine and Surgery, education and training.



**Angeles Alvarez Secord, MD, MHSc**

Dr. Angeles Alvarez Secord, M.D., M.H.Sc., is a Professor in the Division of Gynecologic Oncology, Department of Obstetrics & Gynecology, Duke University Health System. She is the Director of Gynecologic Oncology Clinical Trials, the Associate Director of Clinical Research, Gynecology Oncology, and a NRG Oncology Principal Investigator at the Duke Cancer Institute. Dr. Secord serves as a member on the GOG Foundation, Foundation for Women's Cancer, Society of Gynecologic Oncology (SGO) Boards. She is the current SGO president. She initiated the gynecologic oncology robotic program at Duke in February 2006 and has been a member of the Robotics Committee, Duke University Medical Center. In addition to minimally invasive surgery, her clinical and research interests include novel therapeutics and biomarker development to direct treatment for patients with gynecologic cancer. She received her undergraduate degree with Honors from Carroll College in Helena, Montana and graduated AOA with Honors from the University of Washington School of Medicine in Seattle, Washington. Dr. Secord completed her residency in Obstetrics and Gynecology and her fellowship in Gynecologic Oncology at the Duke University Medical Center in Durham, North Carolina.



**Adnan Siddiqui, MD, PhD, FAHA**

Dr. Adnan H. Siddiqui is a UB Distinguished Professor and Vice Chairman in the Department of Neurosurgery at the State University of New York at Buffalo's Jacobs School of Medicine and Biomedical Sciences. He has special interest and expertise in the performance of complementary microsurgical, radiosurgical and endovascular techniques for the comprehensive management of cerebrovascular conditions. This spectrum of disease includes aneurysms and arteriovenous malformations, as well as dural, cavernous and spinal fistulae. He has special interests in endovascular management of acute ischemic stroke, as well as endovascular and microsurgical management of extracranial and intracranial vascular occlusive disease.

Dr. Siddiqui has over 500 peer reviewed publications, more than 50 chapters, almost 70,000 citations and an H index of 72. He is particularly proud of representing Buffalo and the US at most major cerebrovascular conferences around the world with over 400 international presentations to date. He has designed, conducted and lead multiple major national and international clinical trials and currently serves as National and International PI for multiple major funded multi-site trials.

He serves as the CEO and CMO of the Jacobs Institute which is focused on entrepreneurship, development and education opportunities with partners in the medical technology industry to advance the care of patients with vascular diseases. He also leads the Canon Stroke and Vascular Research Center at University at Buffalo and serves as the Director of the Neurosurgical Stroke Service at the Gates Vascular Institute in Buffalo, one of the busiest Comprehensive Stroke Services in New York State and the United States.



**Dan Stoyanov, PhD**

Dan Stoyanov is Chief Scientist and leads the AI team in Medtronic Surgical R&D. He is also Professor of Robot Vision in UCL Computer Science. His background and research interests are in the fields of surgical robotics and AI where he has co-authored over 500 papers and is co-inventor on over 70 patent applications. He is elected Fellow of the Institute of Electrical and Electronics Engineering (FIEEE); Fellow of the Institute of Engineering and Technology (FIET); Fellow of the Royal Academy of Engineering (FREng); and Fellow of the MICCAI Society.



**Patricia Sylla, MD, FACS, FASCRS**

Dr. Pat Sylla graduated from Cornell Weill Medical College and completed her surgical residency at Columbia Presbyterian Hospital. She subsequently completed a colorectal fellowship at Mount Sinai Hospital in NYC followed by a fellowship in Minimally Invasive Surgery at Massachusetts General Hospital where she practiced for 7 years. Dr. Sylla is an innovator with particular interest in minimally invasive approaches to colorectal diseases. In 2009, she performed the first transanal total mesorectal excision for rectal cancer (taTME) with her colleagues in Barcelona. Sylla is Professor of Surgery at the Icahn School of Medicine and System Chief of the Division of Colon and Rectal Surgery at the Mount Sinai Health System. She is also the Director of Clinical Trials and Vice Chair of DEI for the Department of Surgery as well as Associate Director for the Colorectal Fellowship Program. She is the current president of SAGES.



**Raju Thomas, MD, FACS, FRCS, MHA**

Dr. Raju Thomas is the Departmental Chair and Professor of Urology at Tulane University School of Medicine. A graduate from Seth G.S. Medical College of the University of Bombay in India (1974), he completed his residency in general surgery at the University of Illinois in Chicago (1977). After completing his fellowship with the American Urological Association and the National Kidney Foundation (1979-1980) then his residency in urology at Tulane University School of Medicine (1982), he joined the faculty of Tulane's Department of Urology, receiving his board certification by the American Board of Urology in 1984. Dr. Thomas' career has been dedicated to innovations in delivering minimally invasive urologic surgical procedures. Innovations to his credit include introducing urologic laparoscopic surgery to the Gulf South region in 1991 and performing the first da Vinci robotic procedure in 2002. He continues to widen the horizon of robotic urologic surgery. In addition, Dr. Thomas has widespread experience in the management of complex kidney stones, using a range of technology, such as shockwave lithotripsy, percutaneous and ureteroscopic approaches, and lasers. With significant experience in basic and complex endourological procedures, including diagnostic, therapeutic, and reconstructive, he has produced several procedure videos which have enhanced the learning experience at many seminars, symposia, and meetings throughout the world. As a leader in the field of urologic laparoscopy and robotic surgery, Dr. Thomas has pioneered several innovative surgical techniques and principles, authored over 180 publications, conducted and participated in advanced continuing medical education (CME) activities around the U.S. and the world, and has been listed for several years in "Best Doctors in America" and "Best Doctors in New Orleans."

Dr. Thomas has been the Departmental Chair of Urology at Tulane University School of Medicine since 1996 and was President of the Southeastern Section of the American Urological Association in 2010 and President of the World Congress of Endourology & SWL in 2013. He served as President of the AUA (2021 – 2022). Of all of his accomplishments, Dr. Thomas feels that rescuing and rebuilding the Tulane Urology Department and Residency Program, following Hurricane Katrina in 2005, stands out as his finest moment.



**Vinod Thomas, PhD, MA**

Vinod Thomas is currently Visiting Senior Fellow at Institute of Southeast Asian Studies, and previously Visiting Professor at National University of Singapore. He is a Distinguished Fellow in Development Management at the Asian Institute of Management, Manila, and a member of the advisory panel on climate change at CSEP. His current work concerns risk and resilience, new directions in evaluation, climate change and sustainable development, inclusion, and welfare. Previously, Thomas was Senior Vice-President of the Independent Evaluation Group at the World Bank Group (2006-2011), and Director General of Independent Evaluation at the Asian Development Bank (2011-2016). At the World Bank, he was also the Director of the 1991 World Development Report, Chief Economist for Asia, Country Director for Brazil, and Vice President of the World Bank Institute. He has a PhD and MA in Economics from the University of Chicago and a BA from St. Stephen's college, Delhi. He has authored 17 books including *The Quality of Growth*, 2000, *Multilateral Banks and the Development Process*, (with Xubei Luo), 2012, *Climate Change and Natural Disasters*, 2017, (with Namrata Chindarkar) *Economic Evaluation of Sustainable Development*, 2019, and *Risk and Resilience in an Era of Climate Change* (2023).



**Amit Vohra, PhD, EMBA**

Dr. Vohra is the Founder, President and CEO of Promaxo and Founder and CEO of neruo42. Dr. Vohra has his PhD in Mechanical Engineering from the University of Florida and his Executive MBA from Duke University.



**Yulun Wang, PhD**

Dr. Wang is a Fellow at Teladoc Health (NYSE: TDOC) where he contributes various R&D initiatives, and the company's Corporate Social Responsibility efforts. He is co-founder and chairman of Sovato Health, which is working to enable broad-based tele-surgery, and is co-founder and chairman of World Telehealth Initiative, a non-profit that uses volunteer clinicians and telemedicine to deliver sustained healthcare expertise to impoverished areas of the world. Dr. Wang founded InTouch Health in 2003, and served as Chairman & CEO until 2016, when he assumed the position of Chairman and Chief Innovation Officer. InTouch Health was acquired by Teladoc Health in July, 2020, for \$1.1 billion. Previous to InTouch, Dr. Wang founded Computer Motion in 1990, the company which pioneered surgical robotics. He was the inventor of the voice-controlled robotic arm called AESOP,

the first FDA-cleared surgical robot, as well as the ZEUS robotic surgical system, which performed the world's first transatlantic surgery. Computer Motion IPO'd in 1997 and merged with Intuitive Surgical (NASDAQ: ISRG) in 2003 for one third of the resulting company. Dr. Wang is author to more than 50 technical publications and inventor on over 200 patents. Dr. Wang served on the board of directors of Hoag Memorial Hospital in Newport Beach, CA from 2008 to 2015, and served on the board of the American Telemedicine Association from 2010 to 2016, including as President from 2014 to 2015. Dr. Wang serves on the board of Cottage Health System (since 2020), Santa Barbara, California. He has served for many years on the advisory boards of the Electrical and Computer Engineering, and the Mechanical Engineering Departments of the University of California, Santa Barbara. Dr. Wang has received many awards, including the 2017 IEEE Medal for Healthcare Innovation, and was elected to the National Academy of Engineering in 2011. Dr. Wang earned his Ph.D. in Electrical and Computer Engineering from the University of California, Santa Barbara in 1988.



**Gordon Wisbach, MD, MBA CAPT, MC, USN (RET)**

Captain (Ret) Gordon Wisbach is a general surgeon that specializes in Minimally Invasive, Metabolic/Bariatric as well as Robotic surgery at the Navy Medicine Readiness & Training Command San Diego (NMTRC-SD). He is the Founding Director of the ACS-accredited Surgical Simulation/Education Fellowship and the inaugural Tele-Surgical Director of the Virtual Medical Operations Center. He was awarded his Medical Degree from Jefferson Medical College in Philadelphia, Pennsylvania and completed his residency training at NMRTC-SD. Dr. Wisbach was fellowship trained in Advanced Laparoscopic/Bariatric Surgery at Brigham & Women's Hospital in Boston, Massachusetts. He holds the title of Professor of Surgery at the Uniformed Services University of the Health Sciences in Bethesda, Maryland and earned his MBA from the Naval Post-graduate School in Monterey, California. CAPT (Ret) Wisbach is surgeon-lead of the burgeoning DoD Telerobolc Surgery Community and has active research in surgical education using simulation as well as advancing surgical tele-mentoring on a trajectory towards tele-surgery.