

Executive Team

Todd Powell
President and Chief Executive Officer
Member, Board of Directors

Todd Powell joined RefleXion in May 2017 as president, chief executive officer and a member of its board of directors, bringing with him 29 years of experience in leading global organizations and developing innovative products in cancer care. Before joining RefleXion, Powell spent 11 years at Elekta AB, a world leader in radiation oncology solutions where he held senior executive roles of increasing responsibility, most recently as executive vice president of Comprehensive Oncology Solutions where he led a business unit with more than \$1 billion in revenue and 1,200 employees across North America, Europe and Asia. Prior to this, Powell served as president and CEO for IMPAC Medical Systems, Inc. His career also includes senior executive and management positions at IMPAC and Varian Medical Systems. Powell received a Bachelor of Applied Science, Physics and Mathematics from California State University, Chico, and he completed the Executive Innovation and Leadership Programs at Stanford University Graduate School of Business.

Samuel Mazin, Ph.D.
Founder and Chief Technology Officer
Member, Board of Directors

Sam Mazin, Ph.D., co-founded RefleXion Medical in 2009 where he is the inventor of the company's core technology. While a postdoctoral researcher in Radiology at Stanford University, Dr. Mazin was selected by the Kauffman Foundation as one of 13 postdocs in the nation to commercialize promising innovations. His prior research at Stanford was focused on the design of a novel X-ray computed tomography (CT) system, resulting in several journal papers and a patent, as well as the Joel Drillings Award from the American Heart Association (AHA). His work on a PET-based algorithm received the prestigious Cum Laude award from the SPIE international medical imaging society. He has been invited to speak about biology-guided radiotherapy by cancer centers worldwide. Dr. Mazin received a Bachelor of Applied Science in Computer Engineering from the University of Waterloo, Canada, and he holds a Ph.D. in Electrical Engineering from Stanford University.

Thorsten Melcher, Ph.D.
Chief Business Officer

Thorsten Melcher, Ph.D., joined RefleXion in July 2019 as chief business officer with over 25 years of experience in biotechnology and pharmaceutical business development. Most recently, Dr. Melcher served as CBO for Xyphos Biosciences, a startup developing next-generation CAR-T products. Previously, he served as senior director of new ventures at J&J where he championed business development projects focusing on therapeutics in oncology and neuroscience. Dr. Melcher was also vice president at Varian Medical where he developed a strategy to integrate radiotherapy with diagnostics and therapeutics to improve combination cancer treatment. His other past tenures include co-founding three biotech companies. Dr. Melcher received a Master of Science in Biochemistry from the University of Hannover and he holds a Ph.D. in Molecular Biology from Heidelberg University. He completed postdoctoral research in Molecular Biology at the University of California, San Francisco, and was previously on RefleXion's scientific advisory board.

Martyn Webster
Chief Financial Officer

Martyn Webster joined RefleXion in July 2018 as chief financial officer with over 25 years of finance, accounting and leadership experience in medical device startups and other small businesses. His financial experience spans 30 countries and he has led teams of up to 70 people. Most recently, he was the CFO of Vital Connect, and before that he served as the chief accounting officer at Intermune prior to its acquisition by Roche. RefleXion is the sixth Silicon Valley life-science startup at which Webster has held senior level positions, with four of the previous five successfully scaling to achieve over \$11B in combined exit returns. Webster received a Bachelor of Arts in History from Nottingham University, and he received his ACA Qualification from the Institute of Chartered Accountants in England. He received his MBA from Santa Clara University and he is a CPA in California.

David Larkin
Senior Vice President of Research and Development

David Larkin joined RefleXion in 2014 as vice president of research and development, bringing over 25 years of experience in engineering leadership in the fields of medical robotic systems, mechatronics and control systems. Prior to RefleXion, Larkin spent 14 years building and leading R&D teams at Intuitive Surgical (ISI), most recently as vice president of engineering. During his time at ISI, Larkin brought numerous breakthrough products in robotic assisted minimally invasive surgery into the clinic, culminating in ISI's next generation, single-port robotic surgery platform. Before developing medical robotic systems, Larkin was president of MotionIO, a networked motion control startup, and prior to this, he was director of controls at Adept Technology. Larkin received a Bachelor of Science in Mechanical Engineering from Brown University, a Master of Science in Electrical Engineering and a Master of Science in Mechanical Engineering, both from Stanford University. Larkin is a named inventor on 91 patents.

Shervin 'Sean' Shirvani, M.D.
Senior Vice President of Clinical and Medical Affairs

Shervin 'Sean' Shirvani, M.D., joined RefleXion as vice president of medical affairs in July 2018. He brings over 10 years of clinical experience including MD Anderson Cancer Center and its Banner Health affiliate with a focus on implementing new technology in the treatment of lung and breast cancers. Most recently, Dr. Shirvani served as a physician leader for Banner Health Medical Group, one of the country's largest provider groups, and he also led the design and implementation of value-based insurance products for oncology care. Dr. Shirvani received a Bachelor of Arts in Philosophy and a Bachelor of Science in Physics from Rice University. He received his MD from Duke University and a Master's in public health from the University of Texas, Houston. He is board certified in internal medicine and radiation oncology, and the author of numerous publications, national practice guidelines, and book chapters on radiotherapy techniques and healthcare economics.

Philip J. Aulson II
Vice President of Operations and Service

Phil Aulson joined RefleXion in June 2016 as director of new product introduction, bringing over 20 years of experience leading medical device manufacturing operations for both Fortune 500 and startup organizations. He supported the research, development, and testing of RefleXion's product while implementing the foundation for manufacturing operations and field service. In February 2019, Aulson was promoted to vice president of operations and service. Before joining RefleXion, Aulson was vice president of operations at Oraya Therapeutics, a startup developing a radiation therapy device for ophthalmologic treatments. Before this, he held senior management positions at Insound Medical, Hansen Medical, Boston Scientific, Teleflex Medical and Depuy/Johnson & Johnson. Aulson received a Bachelor of Science in Mechanical Engineering from Northeastern University and his MBA from Babson College.

Judy Bartlett-Roberto
Vice President of Marketing

Judy Bartlett-Roberto joined RefleXion in September 2018 bringing 25 years of medical device industry expertise in commercializing disruptive technologies. She led marketing teams that successfully launched technologies resulting in changes to standard of care in electrophysiology, interventional cardiology, robotics and ophthalmology. Most recently, she held the position of vice president of marketing at Optovue, a precision ophthalmology imaging company. Prior to this, she spent 11 years as an independent consultant providing strategic marketing for a wide variety of Silicon Valley medical device startups. Her previous tenures also include executive positions at Hansen Medical, Cervel Neurotech and Siemens Medical, formerly Acuson. Bartlett-Roberto received a Bachelor of Science in Nursing from California State University, Chico, and her MBA, Marketing and Management from Santa Clara University.

Leonard Lyons
Vice President of Sales

Len Lyons comes to RefleXion with 22 years of success in radiation oncology including separate executive roles in sales and service. Most recently he was vice president of enterprise solutions for Elekta where he had complete responsibility for developing an elite sales force to win key accounts and large health system opportunities. Lyons also held the positions of vice president of northwest sales, and prior to this, director of sales during his time at Elekta. A cornerstone of Lyons' success was his multifaceted approach encompassing relationships with strategic partners, building referral patterns, a deep understanding of buyer behavior, and identifying vertical market opportunities. Previous to Elekta, Lyons was vice president of service for IMPAC Medical Systems where he led the integration of two large company acquisitions while exceeding sales and service goals and had responsibility for all revenues through the company's IPO. Lyons received a Bachelor of Arts in Economics and Computer Studies from the University College Cork, Ireland.

Kathy O'Shaughnessy, Ph.D.
Vice President of Regulatory and Quality

Kathy O'Shaughnessy brings more than 18 years of experience in clinical and regulatory affairs in medical devices to RefleXion including significant experience guiding both 510(k) and PMA devices through the regulatory process in the US and globally. O'Shaughnessy joined RefleXion in 2016 as vice president of regulatory and quality. Prior to joining RefleXion, O'Shaughnessy was vice president of clinical, regulatory and quality for Miramar Labs, which was acquired by Sientra. Her tenure also includes senior level executive positions in clinical and regulatory affairs at Allux Medical, Xoft, and R2 Technology (acquired by Hologic). O'Shaughnessy received a Bachelor of Science in Physics and Math from the University of Victoria, Canada, a Master of Science in Physics and a Ph.D. in Physics, both from Stanford University.

Partha Ray
Vice President of Innovation Strategy

Partha Ray joined RefleXion in July 2018 bringing over 20 years of global strategic marketing, product management and business development experience, as well as expertise across multiple oncology treatment modalities, including surgical, interventional, radiation and energy-mediated immunotherapy. Most recently, Ray was director of global strategic marketing and innovation for Johnson & Johnson where he drove innovation strategy, product development and global commercial activities for the Ethicon business unit. His previous roles also include tenures with Medtronic, Guidant, RCT Ventures and Life Sciences Angels. Ray received a Bachelor of Science in Electrical Engineering from Northwestern University, his MBA, Marketing and Finance from UCLA, and he was a Biodesign Fellow at Stanford University. Ray is a named inventor on three medical-device related patents.

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