MEDICAL BOARD 2168 APPLICANT REPORT – SINHA, PRATIK

DATE REPORT ISSUED: October 12, 2026

ATTENTION: Members, Medical Board of California

SUBJECT: Special Faculty Permit Application
Pratik Sinha, MBChB

STAFF CONTACT: Neal Funston, Analyst, Licensing Program

REQUESTED ACTION:

Review the Special Faculty Permit Review Committee's (Committee) recommendation for a Special Faculty Permit (SFP) appointment for Dr. Pratik Sinha, MBChB, at Stanford University School of Medicine (Stanford), pursuant to California Business and Professions Code (BPC) section 2168.1(a)(1)(B).

BACKGROUND

The Medical Board of California (Board) is authorized to issue an SFP to a physician who is academically eminent and meets all the requirements pursuant to BPC section 2168.1.

The SFP authorizes an individual to practice medicine only within the medical school and its affiliated institutions where the SFP holder provides instruction as part of the medical school's educational program, and for which the medical school has assumed direct responsibility.

The Committee is comprised of 15 members: one representative from each of the 12 medical schools in California, one representative from academic medical centers, and two Board members. The Committee reviews and makes recommendations to the Board regarding the eligibility of the applicants applying pursuant to BPC section 2168.1(a)(1)(B). The positions for California Northstate University and Kaiser Permanente Bernard J. Tyson schools of medicine are currently vacant.

On July 10, 2026, the application was disseminated to Committee members for review and approval.

Dr. Sinha is an accomplished physician-scientist and professor of anesthesiology whose work has significantly advanced the fields of critical care, sepsis, and acute respiratory distress syndrome. He received his medical degree from the University of Manchester and subsequently completed specialist training in emergency medicine and critical care. He holds fellowship designations from the Royal College of Emergency Medicine and the Faculty of Intensive Care Medicine. In addition, he earned a Ph.D. in applied

physiology from Imperial College London and completed postdoctoral training both at Columbia University and the University of California, San Francisco.

Dr. Sinha's curriculum vitae highlights a prolific research career with extensive peer-reviewed publications, major National Institutes of Health and Department of Defense funding awards, and influential contributions to the discovery and clinical translation of molecular and physiological disease subphenotypes. He has held multiple leadership, editorial, and national committee roles, reflecting his prominence in precision medicine and critical illness research. In addition, Dr. Sinha is highly active as an educator and mentor, with a long track record of teaching, delivering invited lectures worldwide, and guiding trainees across disciplines. Overall, his accomplishments demonstrate a sustained, high-impact career dedicated to improving patient outcomes through innovative research, clinical excellence, and academic leadership.

His previous work includes phenotype discovery and validation, development of clinically usable diagnostic tools, study of respiratory failure, physiological failure, precision-medicine approaches to conditions, such as COVID-19 and chronic postsurgical pain, and development of methods for estimating individualized treatment effects in clinical trials.

Dr. Sinha is currently an associate professor of anesthesiology at the Washington University School of Medicine.

EDUCATION

Medical School:	University of Manchester Faculty of Medicine; Manchester, U.K. – Bachelor of Medicine Bachelor of Surgery: 2002
Postgraduate Study:	Northwest Deanery, Manchester, U.K. – House Officer - Medicine/Surgery: 2002-2003
	Bristol Royal Infirmary, Manchester, U.K. – Senior House Officer - Emergency Medicine: 2003-2004
	St. George Hospital, Sydney, Australia – Residency in Critical Care: 2004-2006
	Wexham Park Healthcare, Ascot, U.K. – Clinical Fellowship in Internal Medicine: 2007
	Imperial College, London, U.K., Ph.D. in Applied Physiology: 2008 - 2013

If approved for an SFP by the Board, Dr. Sinha will hold a full-time faculty position as associate professor in the Division of Critical Care Anesthesia at Stanford. In this role,

he will provide instruction to medical students and residents as part of the medical school's education program and will also provide clinical services as an attending physician. Dr. Sinha's primary focus will be research aimed at identifying distinct biological and physiological disease subtypes and translating these findings into clinical practice to advance the understanding and treatment of critical illness.

SPECIAL FACULTY PERMIT REVIEW COMMITTEE FINDINGS:

After review and consideration, the Committee members voted to recommend approval of Dr. Sinha's SFP at Stanford, pursuant to BPC section 2168.1(a)(1)(B).

MEDICAL BOARD 2168 APPLICANT REPORT – JOHAN WILLEM MATHILDE VAN GOETHEM

DATE REPORT ISSUED:	October 13, 2026
ATTENTION:	Members, Medical Board of California
SUBJECT:	Special Faculty Permit Application Johan Willem Mathilde Van Goethem, MD
STAFF CONTACT:	Neal Funston, Analyst II, Licensing Program

REQUESTED ACTION:

Review the Special Faculty Permit Review Committee's (Committee) recommendation for a Special Faculty Permit (SFP) appointment for Dr. Johan Willem Mathilde Van Goethem, MD, at University of Southern California Keck School of Medicine (USC), pursuant to California Business and Professions Code (BPC) section 2168.1(a)(1)(B).

BACKGROUND

The Medical Board of California (Board) is authorized to issue an SFP to a physician who is academically eminent and meets all the requirements pursuant to BPC section 2168.1.

The SFP authorizes an individual to practice medicine only within the medical school and its affiliated institutions where the SFP holder provides instruction as part of the medical school's educational program, and for which the medical school has assumed direct responsibility.

The Committee is comprised of 15 members: one representative from each of the 12 medical schools in California, one representative from academic medical centers, and two Board members. The Committee reviews and makes recommendations to the Board regarding the eligibility of the applicants applying pursuant to BPC section 2168.1(a)(1)(B). The positions for California Northstate University and Kaiser Permanente Bernard J. Tyson schools of medicine are currently vacant.

On September 22, 2026, the application was disseminated to Committee members for review and approval.

Dr. Van Goethem is an internationally recognized academic neuroradiologist with a career spanning more than three decades. He received his Doctor of Medicine from the University of Antwerp and completed his postgraduate radiology training from 1987–1992 at Antwerp University Hospital and Stuyvenberg Hospital. He later completed an international fellowship (observer) in osteoarticular radiology at the Veterans Affairs

Medical Center and the University of California, San Diego. In 1999, he earned a Doctor of Medical Sciences (PhD) in Medicine from the University of Antwerp.

Dr. Van Goethem has held numerous high-impact leadership roles in international neuroradiology, including serving as president of the European Society of Neuroradiology from 2018–2020, following previous terms as vice president, secretary-treasurer, and executive committee member. He has led key programs at Vitaz as head of neuroradiology and head of magnetic resonance imaging (MRI). Additionally, he served for 26 years as a senior staff member in neuroradiology at the University Hospital Antwerp.

Dr. Van Goethem has authored an extensive body of scientific work, including more than 100 peer-reviewed journal articles, multiple books, and numerous influential book chapters, with several first-author publications exceeding 100–250 citations. He has delivered more than 500 invited lectures internationally and remains an active and highly productive clinician and investigator. In the first half of 2026 alone, he co-authored four peer-reviewed publications addressing clinically important and emerging topics such as spinal imaging, synthetic computed tomography technology for robotic spine surgery, spinal level determination, paraspinal muscle pathology, and MRI applications in trigeminal neuralgia.

As of August 2025, Dr. Van Goethem has been practicing diagnostic radiology at Sengkang General Hospital in Singapore.

EDUCATION

Medical School:	University of Antwerp; Antwerp, Belgium – Doctor of Medicine: 1986
Postgraduate Study:	University Hospital Antwerp & Stuyvenberg Hospital; Antwerp, Belgium – Residency in Radiology: 1987–1991
	University Hospital Antwerp / Veterans Affairs Medical Center and University of California, San Diego; San Diego, CA, USA – Fellowship (observer) in Osteoarticular Radiology: 1991–1992

If approved for an SFP by the Board, Dr. Van Goethem will hold a full-time faculty position as Professor of Clinical Radiology in the Department of Radiology at USC. In this role, he will play a central part in interpreting complex imaging studies and in teaching future radiologists. His greatest impact is expected in advanced and complex spine imaging, including diagnostic and postoperative evaluations, spinal cord pathology, craniovertebral junction disorders, and both degenerative and traumatic conditions. Dr. Van Goethem will also collaborate closely with USC's neurosurgeons

and orthopedic spine specialists, providing expert imaging assessments that support critical pre- and postoperative decision-making.

Additionally, he brings substantial experience in artificial intelligence, research, global collaboration, and scientific publishing, linking traditional neuroradiology with rapidly evolving imaging technologies. He is expected to support clinical services, strengthen research partnerships, expand educational programs, and foster innovative imaging approaches at USC.

SPECIAL FACULTY PERMIT REVIEW COMMITTEE FINDINGS:

After review and consideration, the Committee voted to recommend approval of Dr. Van Goethem's SFP at USC, pursuant to BPC section 2168.1(a)(1)(B).

MEDICAL BOARD 2168 APPLICANT REPORT – PEDRO ALEXANDRE STEYN DOS REIS ALVES CATARINO

DATE REPORT ISSUED:	October 14, 2026
ATTENTION:	Members, Medical Board of California
SUBJECT:	Appointment of Special Faculty Permit Holder Pedro Alexandre Steyn dos Reis Alves Catarino, M.D. to Director of the Division of Thoracic Transplant and Mechanical Circulatory Support
STAFF CONTACT:	Neal Funston, Analyst II, Licensing Program

REQUESTED ACTION:

Review the Special Faculty Permit Review Committee's (Committee) recommendation to the Medical Board of California (Board) to approve a request from Cedars-Sinai Medical Center (CSMC) to appoint Special Faculty Permit (SFP) holder Pedro Alexandre Steyn dos Reis Alves Catarino, M.D., to director of the Division of Thoracic Transplant and Mechanical Circulatory Support in the Department of Cardiac Surgery at the Smidt Heart Institute at CSMC.

BACKGROUND

The Medical Board of California (Board) is authorized to issue an SFP to a physician who is academically eminent and meets all the requirements pursuant to BPC section 2168.1. Additionally, in accordance with BPC section 2168(c), a medical school or academic medical center must obtain written authorization from the Board to appoint an SFP holder to a position as a division chief or head of a department.

The SFP authorizes an individual to practice medicine only within the medical school and its affiliated institutions where the SFP holder is providing instruction as part of the medical school's educational program, and for which the medical school has assumed direct responsibility.

The Committee is comprised of 15 members: one representative from each of the 12 medical schools in California, one representative from academic medical centers, and two Board members. The Committee reviews and makes recommendations to the Board regarding the eligibility of the applicants applying pursuant to BPC section 2168.1(a)(1)(B). The positions for California Northstate University and Kaiser Permanente Bernard J. Tyson schools of medicine are currently vacant.

Pedro Alexandre Steyn Dos Reis Alves Catarino, M.D.
October 2026

Dr. Catarino was issued SFP 45 at CSMC on February 23, 2021, which is current, in good standing, and expires February 28, 2027. On September 11, 2026, the Board received a request from CSMC to approve the appointment of Dr. Catarino to director of the Division of Thoracic Transplant and Mechanical Circulatory Support in the Department of Cardiac Surgery at the Smidt Heart Institute at CSMC.

On September 30, 2026, the request and a summary of Dr. Catarino's qualifications were disseminated to Committee members for review and approval.

Dr. Catarino is an internationally recognized surgeon, researcher, and educator with expertise in cardiac surgery, particularly minimally invasive aortic surgery, mechanical circulatory support, and thoracic organ transplantation. He is renowned for his expertise in donation after circulatory death (DCD) transplants, heart-lung transplantation, and advanced aortic surgery. Notably, he performed the world's first successful DCD heart-lung transplant. He also developed a novel multi-organ support device capable of providing portable normothermic blood perfusion of donor hearts for up to eight hours. This device improves donor heart preservation, enables the use of hearts from donors under 40kg, supports assessment of functional surrogates during perfusion, and allows imaging of the donor heart while perfused.

Since joining the CSMC lung transplant team in 2021, Dr. Catarino has significantly strengthened clinical performance, innovation, and scholarly output within the thoracic transplant and aortic surgery programs. Under his leadership, the program's one-year survival rate has increased to approximately 90%, marking a substantial improvement from earlier outcomes. He has advanced minimally invasive and robotic lung transplantation techniques, with 15 of 120 minimally invasive procedures now performed robotically, and has expanded DCD practices to comprise 25% of the program's total case volume.

Dr. Catarino's research portfolio includes patented and patent-pending donor heart and lung perfusion devices; service as chief investigator on multiple transplantation and rejection surveillance studies; and extensive scholarly output, including 75 peer-reviewed research papers, two submitted research papers, six review articles, nine published book chapters (with additional chapters in preparation), one book in progress, 13 editorials and commentaries, 15 case reports, and more than 90 published scientific abstracts.

Dr. Catarino currently serves as the director of Aortic Surgery, Staff Physician IV, and Professor in the Department of Cardiac Surgery at CSMC, providing leadership and clinical direction for the daily operations of services to ensure delivery of high-quality patient care.

Pedro Alexandre Steyn Dos Reis Alves Catarino, M.D.
October 2026

EDUCATION:

Medical School:	University of Oxford Medical School, United Kingdom – BM, BCH [MD, Doctor of Medicine] 1991 - 1994
Postgraduate Study:	Glasgow Royal Infirmary, United Kingdom – Internship August 1994 – January 1995
	Royal Victoria Infirmary, United Kingdom – Internship February 1995 – August 1995
	Royal College of Surgeons of England, United Kingdom – Rotation for General Surgery (Senior House Officer), Residency August 1995 – February 1999
	The John Radcliffe Hospital, United Kingdom – Registrar in Cardiothoracic Surgery, Residency February 1999 – December 2001
	Royal Brompton Hospital, United Kingdom – Specialist Registrar in Cardiothoracic Surgery, Residency January 2002 – June 2007 July 2008 – February 2009
	Duke University Medical Center, North Carolina – Advanced Fellowship in Cardiothoracic Transplantation and Mechanical Circulatory Support July 2007 – June 2008

If the request is approved, Dr. Catarino will be appointed as director of the Division of Thoracic Transplant and Mechanical Circulatory Support in the Department of Cardiac Surgery at the Smidt Heart Institute at CSMC. In this role, he will lead the expansion and advancement of both the lung and heart transplant programs, including the use of DCD heart transplantation. This position builds on his current work developing the clinical lung transplant program, introducing innovative surgical techniques, training a multidisciplinary team, and mentoring emerging leaders in clinical care and research.

In this expanded leadership role, he will oversee strategic planning, program growth, quality and outcomes, faculty engagement, outreach, innovation, and regulatory excellence across heart transplantation and mechanical circulatory support. His contributions as an educator have been particularly impactful, as the fellowship program

has nearly doubled in size, allowing his team's cutting-edge methodologies to reach institutions nationally and internationally.

SPECIAL FACULTY PERMIT REVIEW COMMITTEE FINDINGS:

The Committee recommends approval of Dr. Catarino for appointment to director of the Division of Thoracic Transplant and Mechanical Circulatory Support in the Department of Cardiac Surgery at the Smidt Heart Institute at CSMC.