Rajvinder Singh Dhamrait, B.M., B.Sc (Hons)., D.C.H., F.C.A.R.C.S.I., F.R.C.A.

Philosophy of Care

My goal everyday is to to provide the safest, up-to-date and caring service to my patients and their family members, and have rewarding interactions with them which allows me the opportunity to become a better clinician. I strive to stay ahead of current practice and to share my knowledge and experiences with present and future anesthesia providers.

Clinical Interests

Dr. Dhamrait has been a faculty member in the Department of Anesthesiology and Pain Medicine since 2005, initially as a Visiting Assistant Professor. Since 2006, Dr. Dhamrait has been permanent faculty, and was promoted to Health Sciences Clinical Professor in 2018. He is the Director of Pediatric Anesthesiology, and Medical Director of the Children's Surgery Center, a state of the art operating room suite designed for the care of neonate and pediatric patients. Dr. Dhamrait provides care for pediatric patients with congenital heart conditions requiring corrective cardiac surgery.

Dr. Dhamrait leads a team of pediatric anesthesia providers that includes 12 physician anesthesiologists and 8 certified registered nurse anesthestists, who provide care for all age groups, from newborn babies to adult patients requiring pediatric surgical expertise.

Research/Academic Interests

Dr. Dhamrait's areas of interest focus on service and education. He has been the Director of Pediatric Anesthesiology since 2010 during which time he has been involved in design of the current pediatric operating rooms as well as being part of the American College of Surgeons Level 1 Children's Surgery planning and implementation team. He continues to serve on multiple department and hospital committees to ensure that Pediatric Anesthesiology remains at the forefront of patient safety. Education of UCD anesthesia residents, fellows and allied healthcare providers remains a prioirity, as well as at a regional and national level, and he has received awards for his efforts. Dr. Dhamrait also contributes to research efforts in the Section of Pediatric Anesthesiology and is currently involved in two IRB-approved research studies.

Title

Health Sciences Clinical Professor, Department of Anesthesiology and Pain Medicine

Specialty

Anesthesiology, Pediatric Anesthesiology

Department

Anesthesiology and Pain Medicine

Division

Pediatric Anesthesiology

Center/Program Affiliation

UC Davis Children's Hospital

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UCDAVIS HEALTH

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Languages
Punjabi

Education
B.M., University of Southampton School of Medicine, Southampton, Hampshire, UK 1994
B.Sc. (Honors), Biomedical Sciences, University of Southampton, Southampton, Hampshire, UK 1993

Internships
Department of Surgery (6 months), Wessex Deanery, Portsmouth, Hampshire, UK 1994-1995
Department of Medicine (6 months), Wessex Deanery, Poole, Dorset, UK 1994-1995

Residency
Anesthesiology, Wessex Deanery, Southampton, Hampshire, UK 1998-2006
Emergency Medicine and Trauma, Wessex Deanery, Portsmouth, Hampshire, UK 1995-1998

Fellowships
Pediatric Anesthesiology, Great Ormond Street Hospital for Sick Children, London, UK 2003-2004

Board Certifications
Anesthesiology (Non-AMBS)
Diploma in Child Health, Royal College of Paediatrics and Child Health, UK
Fellowship of the College of Anesthetists, Royal College of Surgeons, Ireland
Leadership for Healthcare Management, UCI Paul Merage School of Business, sponsored by the California Society of Anesthesiologists
Royal College of Anaesthetists, UK

Professional Memberships
American Society of Anesthesiologists
California Medical Association
California Society of Anesthesiologists
Congenital Cardiac Anesthesia Society
Royal College of Anaesthetists, UK
Sierra Sacramento Valley Medical Society

Honors and Awards
UC Davis Health, Daisy Team Award, Conjoined Twin Separation, 2022
Top Doctors List, Anesthesiology, Sacramento Magazine, 2018, 2019, 2020, 2021
Outstanding Teaching Award - Pediatrics Anesthesiology, 2020, 2021
Excellence Award, UC Davis Health, 2020
Spirit of Excellence Award, Quality Week Physician Recognition, UC Davis Health, 2015

Select Recent Publications
Lee LK, Burns RA, Dhamrait RS, Carter HF, Vadi MG, Grogan TR, Elashoff DA, Applegate RL 2nd, Iravani M. Retrospective Cohort Study on the Optimal Timing of Orogastric Tube/Nasogastric

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Tube Insertion in Infants With Pyloric Stenosis. Anesth Analg. 2019 Oct;129(4):1079-1086. doi: 10.1213/ANE.0000000000003805. PMID:30234537.

Dhamrait RS. Book 32: Anesthesia for Pediatric Cardiac Surgery. Lockman JL (ed). Pediatric Anesthesiology Review Topics (PART), Naerthwyn Press, LLC, Narberth, PA. 2013.

Dhamrait RS. Book 18: Pediatric Cardiovascular Diseases for the Anesthesiologist. Lockman JL (ed). Pediatric Anesthesiology Review Topics (PART), Naerthwyn Press, LLC, Narberth, PA. 2013.

Dhamrait RS, Tumber SS. Surgery for Chest Wall Deformities, Raff G, Hirose S (ed). Anesthetic Considerations for Chest Wall Surgery, Springer International Publishing, Cham, Switzerland. 2016;18:33-45.

Dhamrait RS. Fasciotomy following intravenous fluid infiltration. Pediatric Anesthesia. 2006;16 (10):1097.

Way C, Dhamrait R, Wade A, Walker I. Perioperative fluid therapy in children: a survey of current prescribing practice. Br J Anaesth. 2006 Sep;97(3):371-9. doi:10.1093/bja/ael185. Epub 2006 Jul 27. PMID:16873386.

Dhamrait RS. Airway obstruction following potassium permanganate ingestion. Anaesthesia. 2003; 58:606.

Dhamrait RS. Anaesthetic equipment – Familiarity is comforting, but check it. Anaesthesia. 2003; 58:482.

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