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About

Ravi is a Lecturer in General Surgery in the Academic Department of Surgery. He qualified from the University of Birmingham and undertook his residency in general and vascular surgery in Leeds and York. Following completion of his Doctoral studies in Molecular and Cellular Biology at the University of Leeds, he continued specialist training in general and upper GI cancer surgery in Yorkshire.

His major research interests are based around improving survival from cancer through earlier detection, curative surgery, reduction of complications and education.

Ravi is the co-founder of several companies and is currently the CEO of Schoolofsurgery.org - a surgical news channel delivering continued surgical education around the globe.

Qualifications

- PhD, University of Leeds, 2008
- MRCS, The Royal College of Surgeons of England, 2005
- MBChB, University of Birmingham, 2001
- BMedSci (Hons), University of Birmingham, 1999

Research

Clinical and translational research in:

Biomarkers in Gastrointestinal Cancer
Pre-optimatisation of surgical patients
Postoperative complications
Mobile technology
Nano-scaffolds

Other activities

Ravi is the co-founder and CEO of Schoolofsurgery.org - a surgical news channel delivering global continued surgical education. He is the MD of Biomedical Consulting LTD which facilitates the development of new and emerging technologies focusing on strategic decision-making. He is a member of the Novel and Emerging Technology Grant Selection Panel at Heart Research UK. Ravi is also a member of the Association of Surgeons of Great Britain and Ireland Informatics Group.

Publications

Journal articles:

Billah M, Hays HCW, Hodges CS, Ponnambalam S, Vohra RS, Millner PA. Mixed self-assembled monolayer (mSAM) based impedimetric immunosensors for cardiac troponin I (cTnI) and soluble lectin-like oxidized low-density lipoprotein receptor-1 (sLOX-1). Sens Actuators B: Chem 2012;http://dx.doi.org/10.1016/j.snb.2012.07.017

Abbas K, Vohra RS, Salhab M, Sinclair MD, Kent PJ, Gough MJ. A strategy to meet the 'two week' target for carotid endarterectomy in symptomatic patients. Clin Med 2011;11(5):452-455.

Vohra RS, Cowley JB, Gough MJ. Wikipedia versus Facebook: Social networking holds the key. BMJ 2011;342:doi:10.1136/bmj.d3387.

Vohra RS, Walker JH, Howell G, Homer-Vanniasinkam S, Ponnambalam S. The LOX-1 scavenger receptor cytoplasmic domain contains a transplantable endocytic motif. Biochemical and Biophysical Research Communications 2009;383;269-274.

Thomas JC, Vohra RS, Beer S, Bhatti K, Ponnambalam S, Homer-Vanniasinkam S. Biomarkers in Peripheral Arterial Disease. Trends Cardiovasc Med 2009;19(5):147-51.

Vohra RS, Couglin PA, McShane P, Bains M, Laughlan K, Gough MJ on behalf of the GALA trialists. Predictors of return to work following carotid endarterectomy. Brit J Surg 2008;95:1111-4.

Murphy JE, Vohra RS, Dunn S, Holloway Z, Monaco AP, Homer-Vanniasinkam S, Walker JH, Ponnambalam S. Oxidized low-density lipoprotein internalization by the LOX-1 scavenger receptor is dependent on a novel cytoplasmic motif and regulated by dynamin-2. J Cell Science 2008;121:2136-47.

Vohra RS, Coughlin PA, Gough MJ. Occupational capacity following surgical revascularization for lower limb claudication Euro J Vasc Endovasc Surg 2007;34:709-13.

Book chapters:

Parchment-Smith C, Saha AK, Vohra RS. Abdomen. In: Parchment-Smith C. Essential Revision Notes for Intercollegiate MRCS. 2nd ed. Cornwell: Pastest; 2012. p. 1-450.

Khan T, Vohra RS, Homer-Vanniasinkam S. Nanotechnology and nanomedicine in cardiovascular therapy. Edited: Gourlay T, Black R. Biomaterials and devices of the circulatory system. Cambridge: Woodhead Publishing Limited, 2010.