



Department of
UROLOGIC SCIENCES
UBC

Dr Alex Kavanagh, BSc, PEng, MPH, MD, FRCSC



Clinical Assistant Professor, Department of Urologic Sciences, University of British Columbia

BSc- University of Calgary

MD- University of Calgary

MPH- Harvard

Fellow Royal College of Surgeons Canada (FRCSC)

BACKGROUND

Alex is a native Calgarian and completed his undergraduate electrical engineering degree at the University of Calgary. He subsequently worked as a lead design engineer and manager at Nortel Networks with a focus on high frequency amplifier design. He later returned to university to pursue an interest in medicine. During medical school he received the highly competitive NSERC and CIHR studentship awards for his work on a novel type of perfusion imaging using laser speckle technology. Following completion of his undergraduate medical doctorate, he relocated to Vancouver to pursue a urologic residency in the Department of Urologic Sciences between 2008-2013. Throughout his urologic residency, he has focused on introduction of technology in urologic surgery and has a special interest in integration of articulating robotic instruments in conventional laparoscopy.

Following completion of his residency, he relocated to Thunder Bay, Ontario to pursue a general urology practice close to his wife's family. After two very cold winters he relocated to Houston, Texas to pursue a surgical fellowship focusing on male and female incontinence, female pelvic floor reconstruction and neurourology at Houston Methodist Hospital, Cornell-Weill College of Medicine. In conjunction with his fellowship, he also studied at Harvard School of Public Health in Boston, Massachusetts and obtained an MPH degree in clinical epidemiology.

Alex has assumed a position as Clinical Assistant Professor in the Department of Urologic Sciences and as Research Scientist in iCord centre at Blusson Pavillion. Clinically he will treat male and female incontinence with a focus on leakage refractory to prior surgical therapy. He will also treat all forms of pelvic organ prolapse in women including anterior, posterior and apical defects. He will continue his laboratory work on the integration of laser sterilization of the urinary tract and electrical stimulation of the central-nervous system.