



**A/Prof Kaushik Hazratwala**

**Lower Limb Orthopaedic Surgeon**

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## Summary

Accomplished Orthopaedic Surgeon with over 14 years of experience leading surgical teams and patient care across multiple healthcare institutions. Expertise in orthopaedic surgery and trauma, complemented by a Graduate Diploma in Corporate Governance Training. Achievements include extensive training contributions in surgical and trauma orthopaedics for the Pacific Island region. Eager to leverage expert skills to enhance patient outcomes and drive excellence in medical practice.

## Work Experience

Visiting Medical Officer – Orthopaedic Surgeon, Mater Health Services North Queensland (2009 – Present)

Visiting Medical Officer – Orthopaedic Surgeon, Townsville Hospital Health Service (2009 – Present)

Visiting Medical Officer, St Andrews Hospital Brisbane (2019 – Present)

Director, Orthopaedic Research Institute of Queensland (2011 – Present)

Associate Professor, James Cook University (2015 – Present)

Director, Westate Private Hospital Development (2016 – Present)

Community Medical Appointments, Pacific Island Orthopaedic Association (2019 – Present)

Visiting Medical Officer, Fiji and surrounding Islands (2014 – Present)

## Previous Appointments

Director of Orthopaedics, Townsville Hospital Health Service (2009)

Orthopaedic Registrar: Greenslopes Private Hospital, Mater Public, PA Hospital, QEII Hospital, Townsville General, Liverpool Hospital, St Vincent's Hospital, St George Hospital, Albury Base Hospital, Royal Darwin Hospital (1997–2006)

## Education & Training

FRACS (Orthopaedic Surgery) – Part II (2006)

OSCA FRACS (2000); FRACS Part I (1998); FRACS EMST (1998); ALS (Advanced Life Support)

MBBS, BSc (Med) – University of New South Wales, Sydney (1995)

Fiji School of Medicine, Suva (transfer to UNSW 1991)

Graduate – Australian Institute of Company Directors (GAICD), Corporate Governance Training (2018)

## Professional Memberships

Australian Orthopaedic Association (AOA)

## Skills

Arthroplasty; Computer-Assisted Surgical Technique; Patient-Specific Instrumentation; Medical Software; Diagnostics; Mentoring; Communication; Teaching; Healthcare Management; Leadership; Ethics.

## Certificates

FRACS Ortho; FRACS Part II (2006);

OSCA FRACS (2000);

FRACS Part I (1998);

EMST (1998)

ALS (Advanced Life Support); GAICD – Australian Institute of Company Directors (2018)

## References

A/Prof Peter McEwen – Orthopaedic Surgeon | Phone: +61 0408 733 295 E mail: peter@knee surgeon.com.au

A/Prof Matthew Wilkinson – Orthopaedic Surgeon | Phone: +61 0402043204 E Mail: mattywilk@ausdoctors.net

## Publications

Hazratwala, K., et al. (2023). Patients with knee osteoarthritis have altered gait and gaze patterns compared to age-matched controls: A pilot study. *\*PLOS One\**.

Hazratwala, K., et al. (2023). Navigated functional alignment total knee arthroplasty achieves reliable, reproducible and accurate results with high patient satisfaction. *\*Knee Surgery, Sports Traumatology, Arthroscopy\**.

Hazratwala, K., et al. (2023). A prospective multicentre randomized comparative study assessing a new morphometric-designed stem for total hip arthroplasty: benchmarking against an established comparator. *\*Orthopaedic Proceedings\**.

Hazratwala, K., et al. (2023). A prospective, multicentre randomized comparative study assessing a new morphometric-designed stem for total hip arthroplasty: benchmarking against an established comparator. *\*Orthopaedic Proceedings\**.

Hazratwala, K., et al. (2023). Digital TKA Alignment Training with a New Digital Simulation Tool (Knee-CAT) Improves Process Quality, Efficiency, and Confidence. *\*Journal of Personalized Medicine\**.

Hazratwala, K., et al. (2022). Mismatch between trochlear coronal alignment of arthritic knees and currently available prosthesis: a morphological analysis of 4116 knees and 45 implant designs. *\*Knee Surgery, Sports Traumatology, Arthroscopy\**.

Hazratwala, K., et al. (2022). Femoral Component Rotation in Total Knee Arthroplasty Using a Tibia-First, Gap-Balancing, “Functional Alignment” Technique. *\*Journal of Clinical Medicine\**.

Hazratwala, K., et al. (2022). Computer-Aided Surgery–Navigated, Functional Alignment Total Knee Arthroplasty: A Surgical Technique. *\*Arthroplasty Today\**.

Hazratwala, K., et al. (2021). Comparison of intra-articular administration of adenosine, lidocaine and magnesium solution and tranexamic acid for alleviating postoperative inflammation and joint fibrosis in an experimental model of knee arthroplasty. *\*Journal of Orthopaedic Surgery and Research\**.

Hazratwala, K., et al. (2021). Wide variation in tibial slopes and trochlear angles in the arthritic knee: a CT evaluation of 4116 pre-operative knees. *\*Knee Surgery, Sports Traumatology, Arthroscopy\**.

Hazratwala, K., et al. (2021). Intraosseous regional prophylactic antibiotics decrease the risk of prosthetic joint infection in primary TKA: a multicenter study. *\*Clinical Orthopaedics and Related Research\**.

Hazratwala, K., et al. (2021). Intra-articular adenosine, lidocaine and magnesium (ALM) solution decreases postoperative joint fibrosis in an experimental knee implant model. *\*Translational Medicine Communications\**.

Hazratwala, K., et al. (2021). Modified Broström-Gould with gracilis autograft augmentation surgery and accelerated non-casted rehabilitation in high demand patients with lateral ankle instability. *\*The Journal of Foot & Ankle Surgery\**.

Hazratwala, K., et al. (2020). Correction to: Short-term results of a new self-locking cementless femoral stem: a prospective cohort study of the Lima MasterSL. *\*Musculoskeletal Surgery\**.

Hazratwala, K., et al. (2020). Pre-operative clinical predictors for cardiology referral prior to total joint arthroplasty: the ‘asymptomatic’ patient. *\*Journal of Orthopaedic Surgery and Research\**.

Hazratwala, K., et al. (2020). Short-term results of a new self-locking cementless femoral stem: a prospective cohort study of the Lima MasterSL. *\*Musculoskeletal Surgery\**.

Hazratwala, K., et al. (2020). Computer-Assisted Technologies in Arthroplasty: Navigating Your Way Today. *\*JBJS Reviews\**.

Hazratwala, K., et al. (2019). Evaluation of bacteriophage as an adjunct therapy for treatment of peri-prosthetic joint infection caused by *Staphylococcus aureus*. *\*PLOS One\**.

Hazratwala, K., et al. (2019). Absence of cytotoxic and inflammatory effects following in vitro exposure of chondrogenically-differentiated human mesenchymal stem cells to adenosine, lidocaine and Mg<sup>2+</sup> solution. \*Journal of Experimental Orthopaedics\*.

Hazratwala, K., et al. (2019). Experimental model of peri-prosthetic infection of the knee caused by Staphylococcus aureus using biomaterials representative of modern TKA. \*Biology Open\*.

Hazratwala, K., et al. (2019). The CNS Theory of Osteoarthritis: Opportunities Beyond the Joint. \*Seminars in Arthritis and Rheumatism\*.

Hazratwala, K., et al. (2019). Risk factors associated with cardiac complication after total joint arthroplasty of the hip and knee: A systematic review. \*Journal of Orthopaedic Surgery and Research\*.

Hazratwala, K., et al. (2019). Early results of medial opening wedge high tibial osteotomy using an intraosseous implant with accelerated rehabilitation. \*European Journal of Orthopaedic Surgery & Traumatology\*.

Hazratwala, K., et al. (2018). Evaluation of Bacteriophage Anti-Biofilm Activity for Potential Control of Orthopedic Implant-Related Infections Caused by Staphylococcus aureus. \*Surgical Infections\*.

Hazratwala, K., et al. (2018). The use of Regional Administration of Prophylactic Antibiotics in Total Knee Arthroplasty. \*ANZ Journal of Surgery\*.

Hazratwala, K., et al. (2018). The quadriceps active ratio: a dynamic MRI-based assessment of patellar height. \*European Journal of Orthopaedic Surgery & Traumatology\*.

Hazratwala, K., et al. (2018). Correction to: The quadriceps active ratio: a dynamic MRI-based assessment of patellar height. \*European Journal of Orthopaedic Surgery & Traumatology\*.

Hazratwala, K., et al. (2018). Tranexamic acid is associated with selective increase in inflammatory markers following total knee arthroplasty (TKA): A pilot study. \*Journal of Orthopaedic Surgery and Research\*.

Hazratwala, K., et al. (2018). Defining the Osteoarthritis Patient: Back to the Future. \*Osteoarthritis and Cartilage\*.

Hazratwala, K., et al. (2018). Letter to the Editor: 2017 Chitranjan S. Ranawat Award: Does Computer Navigation in Knee Arthroplasty Improve Functional Outcomes in Young Patients? A Randomized Study. \*Clinical Orthopaedics and Related Research\*.

Hazratwala, K., et al. (2017). Comminuted Patella Fracture in Elderly Patients: A Systematic Review and Case Report. \*Geriatric Orthopaedic Surgery & Rehabilitation\*.

Hazratwala, K., et al. (2017). The quadriceps active ratio: A dynamic MRI-based assessment of patellar height. \*Orthopaedic Journal of Sports Medicine\*.

Hazratwala, K., et al. (2017). One year follow-up of a case series using the iBalance medial opening wedge HTO system and an accelerated rehabilitation program. \*Orthopaedic Journal of Sports Medicine\*.

Hazratwala, K., et al. (2016). Determination of the Accuracy of Navigated Kinematic Unicompartmental Knee Arthroplasty: A 2-Year Follow-Up. \*The Journal of Arthroplasty\*.

Hazratwala, K., et al. (2016). In Vivo Arthroscopic Temperatures: A Comparison Between 2 Types of Radiofrequency Ablation Systems in Arthroscopic ACL Reconstruction—A Randomized Controlled Trial. \*Arthroscopy\*.

Hazratwala, K., et al. (2016). Closed Incision Negative Pressure Wound Therapy Versus Conventional Dry Dressings following Primary Knee Arthroplasty: A Randomised Controlled Study. \*The Journal of Arthroplasty\*.

Hazratwala, K., et al. (2016). Total knee arthroplasty in patients with extra-articular deformity. \*Arthroplasty Today\*.

Hazratwala, K., et al. (2007). Accuracy of MRI diagnosis of internal derangement of the knee in a non-specialized tertiary level referral teaching hospital. \*Australasian Radiology\*.

Hazratwala, K., et al. (2006). Retrograde nailing versus fixed-angle blade plating for supracondylar femoral fractures: A randomized controlled trial. \*ANZ Journal of Surgery\*.

Hazratwala, K., et al. (2005). A radiographic investigation to determine the safety of suture anchor systems for pediatric modified Broström ankle ligament reconstruction. \*The American Journal of Sports Medicine\*.