

MASS GENERAL BRIGHAM

***MASSACHUSETTS GENERAL HOSPITAL
ORTHOPAEDIC SURGERY
GRAND ROUNDS***

Professor Job Nicolaas Doornberg, MD, PhD

*Orthopaedic Trauma Surgeon
Departments of Orthopaedic Surgery & General Trauma
University Medical Centre Groningen, Northern Holland*

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David Ring, MD, PhD

*Associate Dean for Comprehensive Care
Associate Chair for Faculty Academic Affairs
Dell Medical School—The University of Texas at Austin
Department of Surgery and Perioperative Care*

***“It’s all About Mentorship to Train
Curious & Critical Thinking Clinician-Scientists”***

*The Story of 20 Years
the Netherlands – USA (Harvard-Holland) Scientific Collaboration:
aka the Science Factory*



***Thursday, January 30, 2025
6:30am -7:30am EST***

***Massachusetts General Hospital
O’Keeffe Auditorium
(HYBRID, In-person & on Zoom)***



Professor Job Doornberg, MD, PhD is an Orthopaedic Trauma Surgeon by trade, and he enjoys “Clinical Applications of Artificial Intelligence” as his scientific hobby. Working at both the Departments of Orthopaedic Surgery, as well as General Trauma, at the University Medical Centre Groningen (UMCG) in the Northern part of Holland, he specializes in fracture surgery: the full spectrum, from ‘simple’ wrist and ankle fractures to complex posttraumatic deformities with 3D planning in a Tertiary referral practice. His mentors taught “If one does not appreciate the potential complexity of a ‘simple’ fracture, one cannot genuinely help a patient with a complex one, let alone adequately treat resulting posttraumatic deformities”.

Professor Doornberg has a particular interest in complex elbow-and tibial plateau fractures, both clinically as well as scientifically. He loves teaching new generations of surgeons the principles of fracture management as AO Chair of ‘the Basic Principles Course’, as well as serving as Chair at the AO Advanced ‘Tibial Plateau and Pilon’ Courses. As the Dutch AO Educational Officer, he has founded the brand-new AO Masters Course: ‘3D Osteotomies for Post-traumatic Deformities’. He was trained at the University of Amsterdam(UvA) Medical School and Orthopaedic Residency Program, including a 3-year extra-curricular break for his “Academic Coming-of-Age”: a prestigious PhD Fulbright Fellowship at Harvard Medical School (HMS) & Massachusetts General Hospital (MGH), Boston USA.

After completing his Residency, he spent 4 years at the Mediterranean coast of South Australia for his “Clinical Coming-of-Age”: Trauma-and Pelvic Fellowships at Flinders Medical Centre(FMC) & the Royal Adelaide Hospital (RAH), followed by a junior Staff position at FMC Adelaide .Job is driven by an-undesired-variation in treatment observed around the globe, and within the Netherlands: “How is it possible that in 2025, treatment of one unique patient with a specific distal radius fracture depends on where she lives and who she sees?”

At age 41 his curiosity as a clinician-scientist was formalized in his Professorship “Clinical Applications of AI”: a quest to personalize fracture care based on data-driven risk stratification. This empowers our patients by facilitating true shared decision-making augmented with their personal probabilities of good outcomes. In this Academic setting, Job finds it a privilege to mentor students and PhDs to become critical surgeon-scientist.

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David Ring, MD, PhD is Associate Dean for Comprehensive Care, Professor of Surgery and Perioperative Care, and Courtesy Professor of Psychiatry and Behavioral Science. Trained as a hand and orthopedic surgeon, Dr. Ring’s extensive research, patient care, and quality and patient safety leadership contributed to an understanding of and a passion for the ways that mindset and circumstances affect human illness. Getting people interested in innovative ways to get and stay healthy depends on effective communication strategies that establish trust and make healthy habits appealing.

Dr. Ring’s current work focuses on ways to use existing knowledge, diverse expertise, and innovative applications of technology to help people choose healthy options consistent with their values.

6:30am *Welcome*

6:35am ***“It’s all About Mentor-
ship to Train
Curious & Critical
Thinking Clinician-
Scientists”
The Story of 20 Years ...”*** Professor Job Doornberg, MD, PhD
~
David Ring, MD, PhD

7:30am *Wrap-up / Adjourn*