

Corresponding Member 2026 der DGOU Prof. Dr. Jakob van Oldenrijk, Rotterdam

MD MSc PhD | Trauma & Orthopaedic Surgeon
Erasmus University Medical Center, Rotterdam
Department of Orthopaedics and Sports Medicine

President, Dutch Orthopaedic Trauma Society (NVOT)
Lecturer Faculty of Medicine Erasmus University Rotterdam and
Clinical Technology, Technical University Delft,
Chair, Dutch Orthopaedic Infection Working Group (2024-2025)



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Orthopaedic trauma and reconstruction surgeon specialising in complex primary and revision hip and knee arthroplasty, periprosthetic joint infection, periprosthetic fractures, and pelvic and acetabular trauma. Clinical and academic focus on integrating fracture fixation with arthroplasty ('traumaplasty'), pelvis and acetabular fracture treatment, complex revision and primary hip and knee arthroplasty.

Academic Career:

2016-present Orthopaedic Trauma & Reconstruction Surgeon

Adult Hip, Knee Reconstruction and Trauma (ARTE), Erasmus MC, Rotterdam; ARTE Fellowship Director.

2019-2024 Course Co-coordinator, Clinical Technology

2024-2025 Delft University of Technology, Skeletal Muscle System and Biomechanics.

2025-present Chair Dutch Orthopaedic Infection Working Group (WOI)

President, Dutch Orthopaedic Trauma Society (NVOT)

Leading the NVOT 2025-2030 strategy, national knowledge teams, trauma education, guideline development and research collaboration.

Clinical Expertise

- Pelvic and acetabular fracture surgery: ORIF, percutaneous fixation, fix-and-replace and post-traumatic reconstruction.
- Pelvic metastases, non-union and complex pelvic reconstruction, including 3D planning and partial pelvis replacement.



- Complex primary and revision total hip and knee arthroplasty, including severe bone loss and instability.
- Periprosthetic fractures and prosthetic joint infection, including multidisciplinary and orthogeriatric decision-making.

LEADERSHIP, COLLABORATION & SERVICE DEVELOPMENT

- Initiated the Erasmus MC pelvic and acetabular team (PRO-PELVIS010) as a combined clinical and research programme with trauma surgery.
- Initiated regional consultation networks for complex arthroplasty and prosthetic joint infection and contributed to the South-West Regional Trauma Meeting.
- Former Chair, Dutch Orthopaedic Infection Working Group (2024-2025); former member of the Dutch national trauma guideline steering group.
- Established national NVOT knowledge teams, including Trauma-plasty and Bone Metastases, and supports the Dutch Trauma Research Collaboration as a regional coordinator.

Training

2016 Clinical Fellow, Orthopaedic Trauma

2015-2016 John Radcliffe Hospital, Oxford University Hospitals, UK.

2014 Clinical Fellow, Hip & Knee Surgery

Nuffield Orthopaedic Centre, Oxford University Hospitals, UK.

Clinical Fellow Knee surgery

Lyon-Ortho-Clinic, Lyon, France

2011-2015 Orthopaedic Surgery Residency

Academic Medical Centre Amsterdam, Slotervaart Hospital and Tergooi; broad training in trauma, arthroplasty, oncology, sports, paediatric and general orthopaedics.

2008-2010 General & Trauma Surgery Residency

Red Cross Hospital, Beverwijk; rotations in trauma, vascular, gastrointestinal, general and burn surgery.

2009 PhD, University of Amsterdam

2005 Small Stems and Small Incisions in Total Hip Arthroplasty.

2002 Medical Degree, Vrije Universiteit Amsterdam, MSc Medicine

SUMMARY OF RESEARCH PROJECTS

- PRO-PELVIS: local principal investigator and co-initiator of a prospective multicentre pelvic and acetabular fracture registry with PROM follow-up; platform for multiple clinical studies.
- ASTERICS: principal investigator of research into antibiotic exposure in bone and synovial tissue in prosthetic joint infection.
- PROBI-lab project: Developing kinematic profiling as a diagnostic tool for painful total knee arthroplasty;
- REJOIN: multicentre collaboration investigating the social impact of hip and knee revision arthroplasty; developing collaboration with Amsterdam UMC on radiological detection of knee implant loosening.

**INTERNATIONAL & NATIONAL ACADEMIC NETWORKS**

- Organizing Committee, Society of European Pelvic and Acetabular Surgeons (SEPAS) Annual Meeting, Amsterdam 2026.
- National leadership in NVOT, Dutch Trauma Research Collaboration, guideline development and cross-specialty collaboration with trauma surgery.

Membership

Dutch Orthopaedic Society, Dutch Hip Society, Dutch Knee Society, European Bone and Joint Infection Society and SEPAS network.

TEACHING & FACULTY

- Faculty for AO Trauma and AO Recon;
- Co-director/faculty for pelvic fracture and periprosthetic fracture courses.
- Supervision of fellows, residents, PhD candidates, medical students and Clinical Technology/Mechanical Engineering students.
- Invited lectures on trauma, traumaplasty, acetabular and periprosthetic fractures, infection and revision arthroplasty.
- Lecturer for both the Faculty of Medicine Erasmus University Rotterdam, as well as Clinical Technology, Technical University Delft.