



The Professor Steve Beningfield Fellowship in Interventional Radiology at Groote Schuur Hospital

Take the next step in your career and join a community of excellence at Groote Schuur Hospital.
Apply now and transform your future with our Interventional Radiology Fellowship!

Programme Overview

Curriculum Components

1. Clinical Training
2. Didactic Education
3. Research and Scholarly Activities
4. Professional Development

1. Clinical Training

- Vascular Interventions: Peripheral arterial disease, aneurysms, venous interventions, and thrombolysis.
- Non-Vascular Interventions: Biopsies, drainages, and ablative therapies.
- Oncological Interventions: Trans arterial chemoembolisation (TACE), radioembolisation, and tumour ablation.
- Paediatric Interventions: Specialized procedures in paediatric patients (Red Cross Children's Hospital).
- Procedures and Skills
 - Vascular Access: Central lines, ports, and dialysis access.
 - Image-Guided Biopsies and Drainages: Liver, lung, kidney, and soft tissue
 - Embolisation Techniques: Uterine fibroids, GI bleeds, trauma.
 - Ablative Techniques: Radiofrequency ablation, Microwave ablation, and cryoablation.
 - Advanced Imaging Techniques: Ultrasound, fluoroscopy, CT, and MRI.

2. Didactic Education

- Core Lectures and Seminars:
 - CIRSE curriculum online access.
 - SIR Residency Essentials online access.
 - Scheduled online and in-person lectures from established international interventional radiologists as well as in-house interventional radiologists.
- Technical Skills: Equipment, devices, and procedural techniques.

- Clinical Management: Pre-procedural assessment, post-procedural care, and complication management.
- Multidisciplinary Conferences: Participation in multiple multidisciplinary meetings, conferences, and morbidity & mortality meetings.
- Workshops and Simulation Training:
 - Hands-On Workshops: Vascular and non-vascular interventions provided by major companies and distribution services both in South Africa and internationally.
 - Access to simulation Labs: Crisis management, procedural techniques, and new device training.

3. Research and Scholarly Activities

- Research Projects
 - Original Research: Design and conduct clinical or translational research projects.
 - Publication: Aim for submission to peer-reviewed journals.
 - Presentation: Present findings at national and international conferences
- Journal Club
 - Monthly Meetings: Critical appraisal of recent literature.
 - Discussion: Focus on new techniques, clinical trials, and guidelines.

4. Professional Development

- Mentorship
 - Mentor Assignment: Each fellow is assigned a faculty mentor for career guidance and personal development.
- Continuing Medical Education (CME)
 - CIRSE Membership: Encourage participation in CIRSE activities and conferences.
 - CME Credits: Support for attending relevant CME activities and courses
- Ethics and Leadership
 - Professional Conduct: Training in ethics, communication skills, and patient advocacy.
 - Leadership Skills: Development through involvement in hospital committees and professional organizations.

Evaluation and Feedback

- Regular Assessments: Quarterly evaluations by faculty based on clinical performance, procedural skills, and professionalism.
- Feedback Sessions: Structured feedback sessions to discuss progress, strengths, and areas for improvement.
- Exit Examination: Comprehensive exam (EBIR) at the end of the fellowship to assess competency.

For more details, please visit our website <https://health.uct.ac.za/radiology> or contact our fellowship coordinator at dale.creamer@uct.ac.za.