

Advanced Orthopaedic Training Centre, Tygerberg Hospital

LIMB LENGTHENING AND RECONSTRUCTION FELLOWSHIP



Stellenbosch

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ORTHOPAEDIC LIMB LENGTHENING AND RECONSTRUCTION FELLOWSHIP

Division of Orthopaedic Surgery, *Department of Surgical Sciences,*
Faculty of Medicine and Health Sciences
University of Stellenbosch / Tygerberg Hospital

A. Fellowship Program

The objective of this one year fellowship is to train fellows with subspecialty-level knowledge and skills in the diagnosis and management of musculoskeletal infections and limb reconstruction in order to function independently as an orthopaedic reconstruction specialist.

This will be achieved through exposure to all aspects of limb salvage and reconstruction and encompass the management of congenital and developmental deformities, musculoskeletal infections and post-traumatic reconstruction including malunions, non-unions and bone defects. Participants will gain experience in various surgical techniques including acute and gradual deformity correction, bone transport, osteomyelitis debridement and dead space management. Participants will be exposed to the use of multiple surgical devices and implants including conventional plates and nails, locking plates, monolateral and fine wire circular external fixators, hexapod external fixators, intramedullary lengthening devices and mega-endoprostheses.

The fellowship is hosted in conjunction with the Tygerberg orthopaedic trauma service, allowing for experience in trauma and fracture management, its sequelae and complications. The caseload, wherein the trainee is either the primary surgeon or first assistant, includes a sufficient number of operative procedures to gain proficiency in the management of these cases at a limb reconstruction sub-speciality level.

The Limb Lengthening and Reconstruction fellowship program promotes clinical excellence in the management of complex orthopaedic limb salvage and reconstruction under the guidance of experienced consultants.

B. Participating Sites

The fellowship will be hosted at the Tygerberg Hospital, with the approval of the Department of Health of the Western Cape and The University of Stellenbosch.

C. Personnel

The following members of the division of Orthopaedic Surgery will be involved in the fellowship:

- Prof Jacques du Toit (Head of Division)
- Prof Nando Ferreira (Head of Clinical Unit, Director of Fellowship)
- Dr Gian du Preez (Senior Specialist and Head of Orthopaedic Trauma Services)
- Mrs Bharthi Pillay (Fellowship Program Coordinator)

D. Educational

The Fellow will attend and participate in the academic activities hosted by the Orthopaedic department. These include:

- General Academic program (weekly) - Wednesday 13h00 - 16h00
- TSR Unit small group discussions (weekly) - Friday 13h00 - 15h00
- Sarcoma meeting (2 weekly) - Monday 14h30 - 16h00
- Academic ward rounds (weekly) - Friday 09h00 - 12h00
- Pre- and post-operative planning sessions
- Hexapod training programs - As hosted by the AOTC (x4 per year)
- Other appropriate courses and congresses held in South Africa

E. Fellow Appointments (Eligibility of Fellow)

- Appointments performed by the Director of the Fellowship and the Head of Department. (Suitable candidate's CV will be assessed and interviews conducted)
- Contract / Agreement - signed by the Fellow and the Director / Head of Department
- Registration as an affiliated post-graduate student at the University of Stellenbosch
- Registration at the Health Professions Council of South Africa (HPCSA) – Category: Medical Practitioner Post-Graduate studies
- Registration at the Department of Health's Foreign Work Force Management Program (DOH's FWMP)
- Successful applicants can contact Me Zaibo Krieger at the International Office:
kriegerz@sun.ac.za

F. Clinical Responsibilities

- Daily x-ray handover meeting 07h30 - 09h00
- Daily ward rounds
- Weekly academic ward rounds (Fridays)
- Weekly orthopaedic outpatient clinics (Tuesdays)
- Weekly TSR unit theatre lists (Monday morning / Wednesday morning / Thursday)
- Appropriate cases on Tuesday and Friday trauma emergency lists
- Duty hours in accordance with the Department of Health (40 Hours / Week)

G. Stipend / Bursary

- Industry sponsored stipend @ ZAR 70 000.00 per month (x 12 months)

H. General

- Elective supervision. Fellows are allocated to the Tumour, Sepsis and Reconstruction unit under direct supervision of Prof Nando Ferreira
- Trauma supervision. General trauma will be supervised by Dr Gian du Preez
- Professional Insurance - covered by The Department of Health as per agreement. Additional personal medical indemnity is highly recommended.
- The duration of the Fellowship will be 1 year
- Leave: Annual leave of 22 days per year and up to 10 days of study leave per year

I. Quarterly Assessments

- Fellows clinical skills and progress will be assessed by using the 360 assessment Tools
- The Fellow will be given the opportunity to provide feedback on the fellowship
- Please see attached assessment tools (MFS Assessor Form, Mini CEX Assessment, 360 CDB form, Surgical Assessment Form, Self-assessment Form)
- Fellows to keep a surgical Logbook - this will be assessed to ensure that an adequate amount of procedures and an acceptable variety of surgical procedures has been provided

J. Research

- Relating the field of Orthopaedic limb reconstruction will be identified
- Funding available through The Orthopaedic Research fund
- Ethics approval obtained through the Bio-ethics committee of Stellenbosch University
- All research to be published and presented at an appropriate forum (e.g. SAOA congress)
- Literature search service, textbooks and journals available through the University of Stellenbosch

Upon completion, the Fellowship will be endorsed by the South African Orthopaedic Association (SAOA) if all the criteria of endorsement have been met.

For more information, please contact:

Prof Nando Ferreira

Division Orthopaedic Surgery
Department of Surgical Sciences
Tygerberg Hospital

Email: nferreira@sun.ac.za



Prof Jacques du Toit
Head: Division of Orthopaedic Surgery



Prof Nando Ferreira
HCU: Limb Reconstruction



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