

## TYGERBERG ARTHROPLASTY FELLOWSHIP (TAF)



**Stellenbosch**

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UNIVERSITEIT

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saam vorentoe



**TYGERBERG ARTHROPLASTY 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 hip and knee arthroplasty. Together with a greater understanding in the management of traumatic neck of femur fracture, peri-prosthetic fractures and revision arthroplasty, in order to function independently as an orthopaedic arthroplasty specialist.

Participants will be trained in multiple approaches to the hip and knee joint, being exposed to range of hip and knee implants, including primary and revision implants. Also gain exposure in specialised disease specific implants, 3D printing and tumour reconstructive implants. The arthroplasty unit is a dedicated training facility for direct anterior approach hip surgery and robotic assisted knee surgery.

The Tygerberg Arthroplasty fellowship (TAF) is hosted in conjunction with the Tygerberg orthopaedic trauma service, allowing for experience in neck of fracture management, periprosthetic fractures and 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.

The fellowship program has continued to run for the last 6 years with past fellows all still involved and contribute to the TAF platform.

The Tygerberg Arthroplasty fellowship program promotes clinical excellence in the management of primary and complex arthroplasty 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. The fellowship is endorsed by the South African Orthopaedic Association.

### **C. Personnel**

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

- Prof Jacques du Toit (Head of Division)
- Dr Koos Jordaan (Head of Arthroplasty Unit, Director of Fellowship)
- Dr Johan Charilaou (Orthopaedic consultant – subspecialized in arthroplasty)
- 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 14h00 - 16h00
- Arthroplasty small group discussions (weekly) – Wednesdays & Thursday 13h00 - 14h00
- Academic ward rounds (weekly) - Thursday 14h00 - 16h00
- Pre- and post-operative planning sessions
- DAA training programs - As hosted by the AOTC (x2 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)

## **F. Clinical Responsibilities**

- Daily x-ray handover meeting 07h30 - 08h30
- Daily ward rounds
- Weekly academic ward rounds (Thursdays)
- Weekly orthopaedic outpatient clinics (Thursdays)
- Weekly Arthroplasty unit theatre lists ( Monday, Tuesday and Fridays)
- Appropriate cases on trauma emergency lists
- Duty hours in accordance with the Department of Health (40 Hours / Week)

## **G. Remuneration**

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

## **H. General**

- Elective supervision. Fellows are allocated to the Arthroplasty unit under direct supervision of Dr Koos Jordaan.
- 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 number of procedures and an acceptable variety of surgical procedures has been provide.

## J. Research

- Relating the field of hip and knee arthroplasty or neck of femur management 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:

**Koos Jordaan**

Division Orthopedics  
Department of Surgical Sciences  
Tygerberg Hospital

Email: [koosjor@sun.ac.za](mailto:koosjor@sun.ac.za)

Prof Jacques du Toit  
Head: Division of Orthopaedic Surgery

Dr Koos Jordaan  
Head: Arthroplasty unit



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## TAF - Family

### “TAF” - guys



Mark van der Kaag  
2016



Gerhard Pienaar  
2017



Johan Charilaou  
2018



Muhammad Manjra  
2019



Nic Rogers  
2020



Shafique Jakoet  
2021

TYGERBERG ARTRHOPLASTY FELLOWSHIP APPLICATION  
Division Orthopaedic Surgery, Department of Surgical Sciences  
PO Box 19063, Tygerberg 7505, South Africa  
[koosjor@sun.ac.za](mailto:koosjor@sun.ac.za) / [jdt@sun.ac.za](mailto:jdt@sun.ac.za)

Name \_\_\_\_\_  
Last First Middle

Address \_\_\_\_\_  
\_\_\_\_\_

Telephone (Include country code) \_\_\_\_\_  
Home / Mobile Work

E-mail \_\_\_\_\_

Medical School \_\_\_\_\_  
Institution Date Degree Confirmed

Residency \_\_\_\_\_  
Institution Dates

Current Position \_\_\_\_\_  
Institution Dates

Citizenship \_\_\_\_\_

Preferred Dates of Fellowship \_\_\_\_\_

Please include the following with your completed application:

- Curriculum Vitae
- Statement of Personal and Professional Goals
- Certified copies of Degrees
- Passport photo (Colour photo preferable)
- Reference letters
- Research Paper samples

I certify that all the information provided is true and correct. I understand that any appointment will be contingent on my providing the necessary employment eligibility documentation prior to the appointment.

\_\_\_\_\_  
Applicant Signature Date