

Date: 30 October - 3 November 2023

# + TRAUMA EXTREMITIES

## TSF VSP (Incorp **SMART TSF**)

### Agenda

Faculty:  
Prof Nando Ferreira, Dr Sean Pretorius & Dr Gian Du Preez  
Tygerberg Hospital, Cape Town

Medical Education

**Smith+Nephew**



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## Faculty :

### Prof Nando Ferreira

Position : Head of Tumour, Sepsis and Reconstruction Unit Tygerberg Academic Hospital  
Cape Town, South Africa

### Dr Gian Du Preez

Position : Senior Specialist: Orthopaedic Trauma Unit Tygerberg Academic Hospital  
Cape Town, South Africa

### Dr Sean Pretorius

Position : Senior Specialist: Orthopaedic Trauma and Upper Limb surgeon – Department of Orthopaedics, Tygerberg Academic Hospital

### Dr Mari Thiar

Pediatric Orthopaedic Surgeon Tygerberg Hospital

## Description

This Visiting Surgeon Programme is designed to provide visiting surgeons with the opportunity to learn from an expert surgeon in a hospital environment. Visiting surgeons will observe live surgeries, and have the chance to discuss surgical procedures, techniques and devices.

## Learning objectives

After participating in this program participants will be able to

- Select appropriate patients for the procedure and formulate a pre-operative plan
- Build appropriate frames for Ortho Trauma and deformity correction procedures
- Select and use instrumentation safely and correctly
- Understanding & Effectively use TSF/SMART TSF Software
- Outline post-operative management care

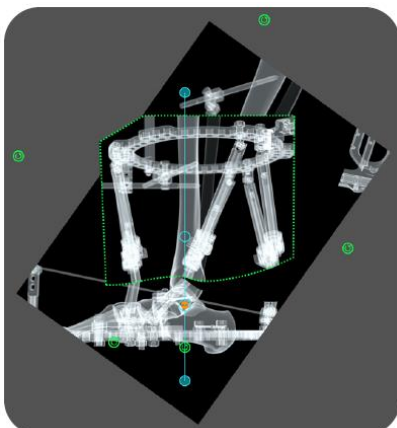
## Participant profile

- Visiting surgeons should have good experience on use of circular frames
- Good comprehension of English language

## Products and technologies

TAYLOR SPARTIAL FRAME

SMART TSF Software



# Agenda

## Monday, 30 October 2023

08:00 – 08:15	<b>Welcome &amp; Orientation</b>	Dr S Pretorius
08:15 – 10:30	<b>Workshop:</b> <ul style="list-style-type: none"> <li>- Basic Hexapod construction &amp; application</li> <li>- Frame workshop (Apply &amp; Imaging)</li> </ul>	Dr S Pretorius
<b>10:30 – 11:00</b>	<b>Tea</b>	
11:00 – 13:00	<b>Fracture</b> <ul style="list-style-type: none"> <li>- Introduction to SMART TSF Software</li> <li>- Analysis &amp; Correction Planning</li> <li>- Frame workshop (Plan/correct/Traumadots)</li> <li>- Case review</li> </ul>	Drs N Ferreira & G du Preez
<b>13:00 – 13:45</b>	<b>Lunch</b>	
13:45 – 16:00	<b>Deformity correction method</b> <ul style="list-style-type: none"> <li>- Osteotomy rules</li> <li>- Deformity workshop (Apply/Imaging)</li> <li>- Superdot Method Discussion</li> <li>- Deformity Workshop (Plan &amp; correct)</li> </ul>	Drs N Ferreira & G du Preez
16:00 – 16:30	Pre-operative patient assessment	Drs Ferreira & Du Preez

## Tuesday, 31 October 2023

07:30 – 10:00	<b>Surgical observation (Trauma cases)</b> <b>(Each delegate to scrub with Faculty member for hands-on participation)</b> <ul style="list-style-type: none"> <li>- Surgery observation</li> <li>- Discussion</li> <li>- Question and answers</li> </ul>	Drs N Ferreira, S Pretorius & G du Preez
<b>10:00 – 10:30</b>	<b>Tea</b>	
10:30 – 13:00	<b>Surgical observation (Trauma cases)</b> <b>(Each delegate to scrub with Faculty member for hands-on participation)</b> <ul style="list-style-type: none"> <li>- Surgery observation</li> <li>- Discussion</li> <li>- Question and answers</li> </ul>	Drs N Ferreira, S Pretorius & G du Preez
<b>13:00 – 14:00</b>	<b>Lunch</b>	
14:00 – 15:30	Crooked Frame (Origin/Corresponding point) Malaligned frame input and correction	Drs N Ferreira, S Pretorius & G du Preez
15:30 – 16:30	Pre-operative assessment	Drs N Ferreira, S Pretorius & G du Preez

## Wednesday, 1 November 2023

07:30 – 10:00	<b>Surgical observation (Deformity corrections)</b> <b>(Each delegate to scrub with Faculty member for hands-on participation)</b> <ul style="list-style-type: none"> <li>- Surgery observation</li> <li>- Discussion</li> <li>- Question and answers</li> </ul>	Drs N Ferreira, S Pretorius & G du Preez
10:00 – 10:30	<b>Tea</b>	
10:30 – 13:00	<b>Surgical observation (Deformity corrections)</b> <b>(Each delegate to scrub with Faculty member for hands-on participation)</b> <ul style="list-style-type: none"> <li>- Surgery observation</li> <li>- Discussion</li> <li>- Question and answers</li> </ul>	Drs N Ferreira, S Pretorius & G du Preez
13:00 – 14:00	<b>Lunch</b>	
14:00 – 15:30	<b>Planning:</b> Post-operative input and planning of previously operated patients	Drs N Ferreira, S Pretorius & G du Preez
15:30 – 16:30	<b>Workshop:</b> Frame workshop on application of equinus frames	Drs N Ferreira, S Pretorius & G du Preez

## Thursday, 2 November 2023

07:30 – 09:00	Hexapod troubleshooting	Dr N Ferreira
09:00 – 10:00	<b>Frame Workshop:</b> Planning & Correcting	Drs N Ferreira, S Pretorius & Mari Thiar
10:00 – 10:30	<b>Tea</b>	
10:30 – 13:00	<b>Frame Workshop</b> <ul style="list-style-type: none"> <li>- Rotational Frame Offset and Distal Referencing</li> <li>- Applying pre-built femur frames</li> <li>- Planning &amp; corrections</li> </ul>	Drs N Ferreira, S Pretorius & G du Preez
13:00 – 14:00	<b>Lunch</b>	
14:00 – 16:00	<b>Case discussions</b>	Drs N Ferreira, S Pretorius & G du Preez

## Friday, 3 November 2023

07:30 – 12:00	<b>Surgical observation (Application of femoral/equinus frame &amp; Complex transport)</b> <b>(Each delegate to scrub with Faculty member for hands-on participation)</b> <ul style="list-style-type: none"><li>- Surgery observation</li><li>- Discussion</li><li>- Question and answers</li></ul>	Drs N Ferreira, S Pretorius, G du Preez & Mari Thiar
10:00 – 10:30	<b>Tea between cases</b>	
12:00 – 13:00	<ul style="list-style-type: none"><li>- <b>Discussion:</b></li><li>- Cases specific from previous week</li></ul>	Drs N Ferreira, S Pretorius, G du Preez & Mari Thiar
13:00 – 14:00	<b>Working lunch:</b> <ul style="list-style-type: none"><li>- Delegate case discussions</li><li>Course Assessment</li><li>- Closure</li></ul>	Drs N Ferreira, S Pretorius, G du Preez & Mari Thiar

\* Additional surgeries may be possible depending on daily surgery schedule





## Contact – Medical Education

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