



# AOTC TL-Hex Training Course

2023



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Dear Delegates

### **AOTC TL-HEX TRAINING COURSE 2019**

Aim of Fellowship:

- Addressing aspects that you feel unsure of, or uncertain about, after Basic or Advanced framing courses.
- Revision of certain crucial aspects about TL-Hex frame application.
- Ability to apply a TL-Hex frame for tibial fractures / non-union / malunion and correctly cross over from the frame, to x-rays and subsequently to the computer program (dry bones / x-ray simulations / patients)
- Patient pre-operative evaluation and assessment / application of frame in OR / correct x-ray technique / post-operative planning / cheat sheet population and input / TL-Hex software including Hex-Ray
- We will also discuss the more complex frames eg. femoral and ankle equinus correction

AT THE END OF THE TRAINING COURSE THE DELEGATE WILL BE COMFORTABLE  
WITH ALL ASPECTS OF BASIC TL-HEX APPLICATION AND CORRECTION

We the faculty: Sean Pretorius, Nando Ferreira and Gian du Preez use these powerful ring fixators extensively in our different scopes of practice and you will find that we agree to disagree on almost everything concerning these fixators and their use.

This will lead to heated discussion and interaction between us and you, the delegates! I feel that this is how it should be, as this gives you, the delegate, the option to decide what would suit you best.

We would like to acknowledge and express our gratitude to Orthofix and Ortho-Xact for their contribution to the AOTC that enabled us to host this course.

Organizing Committee and Faculty:

Prof J du Toit  
Head of Department

Dr HS Pretorius  
Senior Specialist

Prof N Ferreira  
Head Clinic Unit

Dr GJ du Preez  
Senior Specialist

**AOTC TL HEXAPOD COURSE 4-8 MARCH 2019**

| DATE   | TIME          | ITINERARY                        |  | AIM |
|--------|---------------|----------------------------------|--|-----|
| Monday | 07h30         | Collect Delegates                |  |     |
|        | 08h00-08h15   | Welcome                          | Orientation<br><br>Welcome<br><br>Disclaimer   |     |
|        | 08h15-10h30   | Workshop                         | Basic TL Hex construction and application (S Pretorius)<br><br>Frame Workshop: Apply / Xray  |     |
|        | 10h30-11h00   | Tea                              |  |     |
|        | 11h00-13h00   | Fracture Method                  | Software & Analysis (N Ferreira)<br><br>Frame Workshop: Plan / Correct<br><br>Case Review (G du Preez)   |     |
|        | 13h00-13h45   | Lunch                            |  |     |
|        | 13h45-16h00   | Deformity Correction             | Osteotomy Rules (N Ferreira)<br><br>Deformity correction (G du Preez)<br><br>Deformity Workshop: Apply / Xray<br><br>Hex-Ray Software Introduction<br><br>Deformity Workshop: Plan / Correct |     |
|        | 16h00 - 16h30 | Pre-operative patient assessment |  |     |



| DATE    | TIME        | ITINERARY                |   | AIM |
|---------|-------------|--------------------------|---|-----|
| Tuesday | 07h15       | Collect Delegates        |   |     |
|         | 07h45-10h00 | Theatre                  | Each delegate to scrub with faculty member for hands on participation |     |
|         | 10h00-10h30 | Tea                      |   |     |
|         | 10h30-13h00 | Theatre                  | Each delegate to scrub with faculty member for hands on participation |     |
|         | 13h00-14h00 | Lunch                    |   |     |
|         | 14h00-15h30 | Crooked Frame            | Malaligned frame input and correction                                 |     |
|         | 15h30-16h30 | Pre-operative Assessment |   |     |

| DATE      | TIME        | ITINERARY         |   | AIM |
|-----------|-------------|-------------------|---|-----|
| Wednesday | 07h15       | Collect Delegates |   |     |
|           | 07h45-10h00 | Theatre           | Each delegate to scrub with faculty member for hands on participation |     |
|           | 10h00-10h30 | Tea               |   |     |

|  |             |          |   |
|--|-------------|----------|---|
|  | 10h30-13h00 | Theatre  | Each delegate to scrub with faculty member for hands on participation |
|  | 13h00-14h00 | Lunch    |   |
|  | 14h00-15h00 | Planning | Post-Operative input and planning of previously operated patients     |
|  | 15h00-16h00 | Workshop | Frame Workshop: Apply equines frame                                   |

| DATE     | TIME         | ITINERARY         | AIM  |
|----------|--------------|-------------------|--|
| Thursday | 07h15        | Collect delegates |  |
|          | 08h00 -09h00 |                   | Hexapod Trouble shooting   |
|          | 09h00 -10h00 | Workshop          | Frame Workshop: Plan / Correct   |
|          | 10h00 -10h30 | Tea               |  |
|          | 10h30 -13h30 | Workshop          | Rotational Frame Offset and Distal Referencing (N Ferreira)<br><br>Frame Workshop: Apply Femur Frame<br><br>Frame Workshop: Plan / Correct |
|          | 13h00-14h00  | Lunch             |  |
|          | 14h00-16h00  | Case Discussions  |  |

| DATE   | TIME        | ITINERARY         |   | AIM |
|--------|-------------|-------------------|---|-----|
| Friday | 07h30       | Collect Delegates |   |     |
|        | 07h30-10h00 | Theatre           | Application of femoral / equinus frame<br>Complex Transport                           |     |
|        | 10h00-10h30 | Tea               |   |     |
|        | 10h30-13h00 | Planning          | Crossing over from TL Hex frame application to<br>TL Hex software input for a patient |     |
|        | 13h00-14h00 | Working Lunch     | Discussion<br>Closure<br>Course Assessment  |     |

### **Course Venue**

Tygerberg Hospital  
Cape Town, South Africa

### **Hotel Information**

TBC

### **Contact Person**

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