



*Supplement of*

## **Prospective evaluation of pin site infections in 39 patients treated with external ring fixation**

**Mats Bue et al.**

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5 **Supplement**  
Pin site registration sheet.

**Table S1:**

Name of the patient + ID: \_\_\_\_\_

10 Date of primary ring fixation (dd-mm-yy): \_\_\_\_\_

**Follow-up**

	<i>Date</i> dd/mm-yy	<b>Antibiotics since last visit (Yes/No)</b>	<b>Comments</b> (Pin care frequency, Antibiotics, dosage, hospitalisation, other events)
1			
2			

15 Name of the patient + ID: \_\_\_\_\_

**Operations**

(primary ring fixation, re-operations, wire/pin removal, removal of rings, etc)

	<i>Date</i> dd/mm-yy	<b>Comments</b>
1		
2		

20

25 **Figure S1:**  
Draw the frame on the actual limb and side.

**Anatomical location**

Definition of the rings:

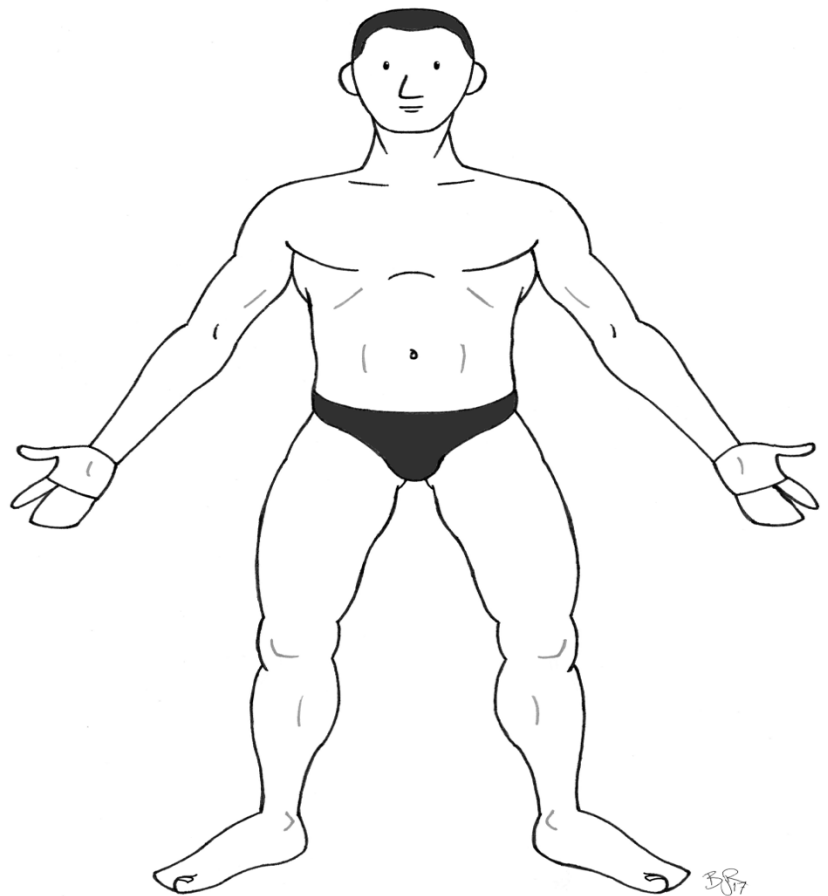
30 Femur: **Distal diaphysis (F-DD)**  
**Distal metaphysis (F-DM)**

Tibia: **Proximal metaphysis (PM)**  
**Prox diaphysis (PD)**  
35 **Distal diaphysis (DD)**  
**Distal metaphysis (DM)**

Foot: Foot frame

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**Table S2:**

50 **Halfpins (HP) and Wires**

- Numbering of the pin sites starts from the most posterior-medial site and continues anti-clockwise on the right extremity (clockwise on left extremity): HP1, HP2 for halfpins, 1M, 2M for wires and so on)
- A wire always has two pin sites: medial and lateral (ex: 2M and 2L).

55 **Registration of pin site infection**

Note the grade of infection (CO 0-6, see at bottom of this sheet) in the empty cells

Date	Tibia – Prox metaphysis								Comments
	1M	2M	3M	4M	1L	2L	3L	4L	

Date	Tibia – Prox diaphysis			Comments
	HP1	HP2		

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Date	Tibia – Distal diaphysis			Comments
	HP1	HP2		

Date	Tibia – Distal metaphysis								Comments
	1M	2M	3M	4M	1L	2L	3L	4L	

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Date	Femur – Distal diaphysis				Comments
	HP1	HP2	1M	1L	

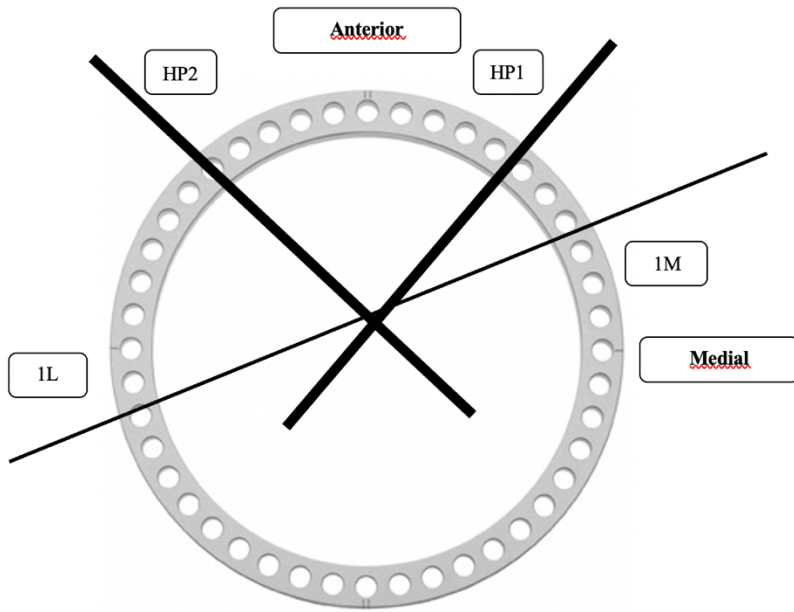
Date	Femur – Distal metaphysis				Comments
	HP1	HP2	1M	1L	

Date	Footframe						Comments
	1M	2M	3M	3L	1L	2L	

70

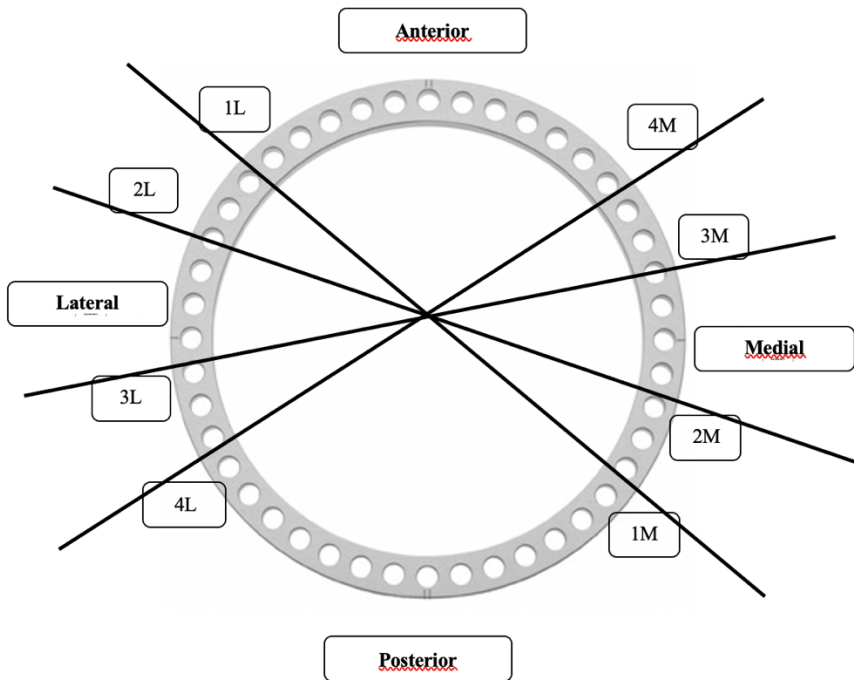
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**Figure 2S:**  
Femur: distal diaphysis or distal metaphysis with wires and half pins



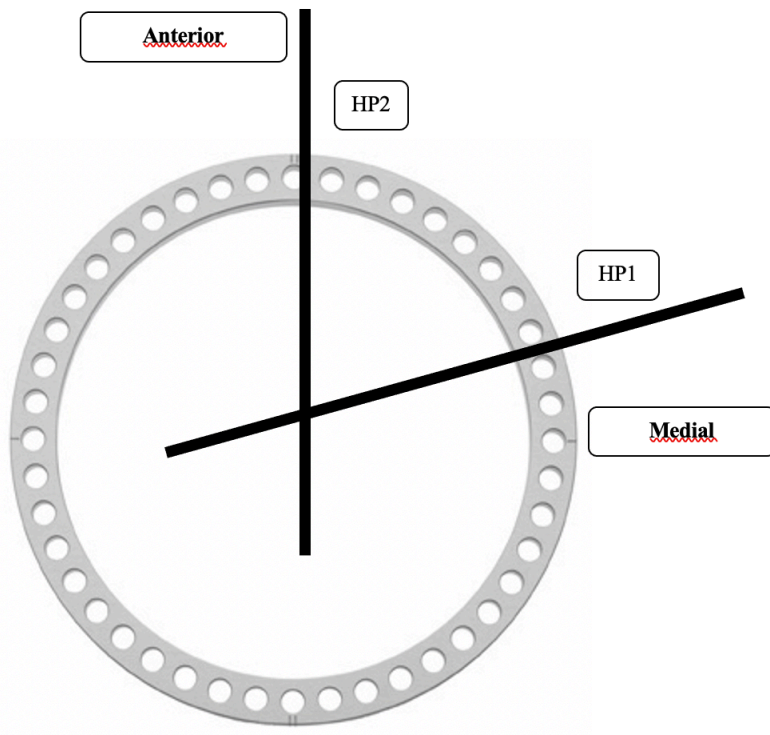
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85 **Figure 3S:**  
Tibia: proximal/distal metaphysis with wires (standard placement)



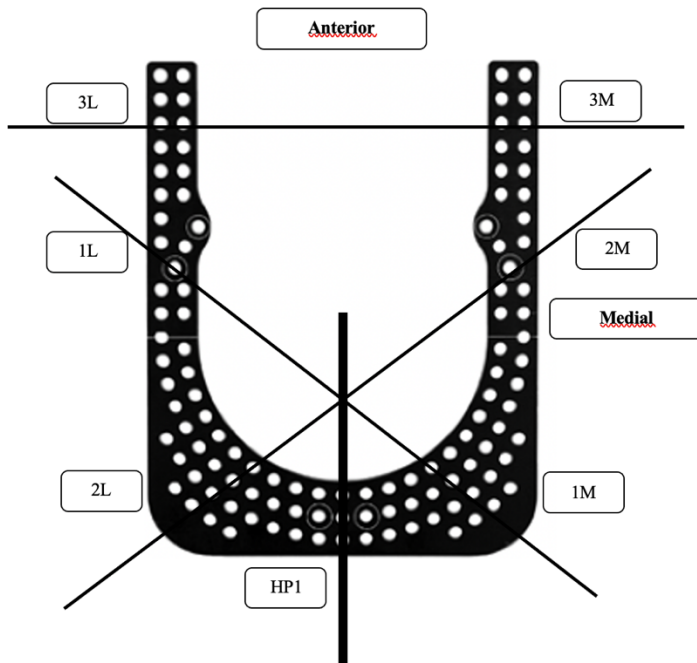
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**Figure 4S:**  
Tibia: proximal or distal diaphysis with half pins (standard placement)



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**Figure 5S:**  
Footframe: pin sites numbering for standard placement for wires og half pin.



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