

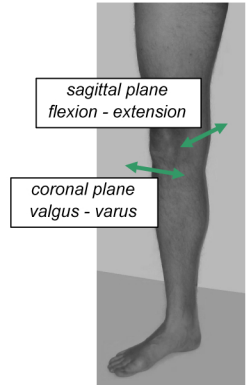
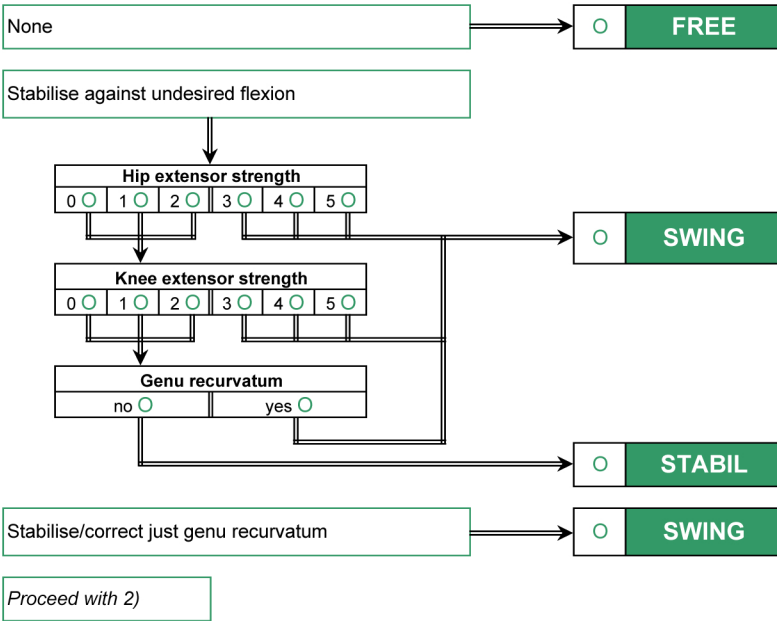
# UTX<sup>®</sup> Knee-Ankle-Foot Orthoses selection protocol

Use in conjunction with the UTX<sup>®</sup> orthoses manual

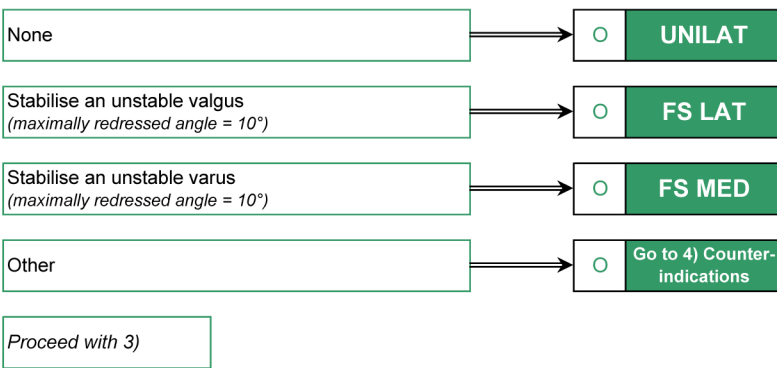
## INDICATIONS



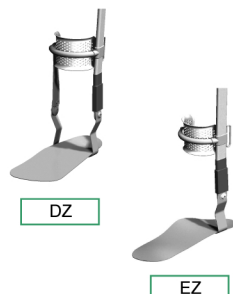
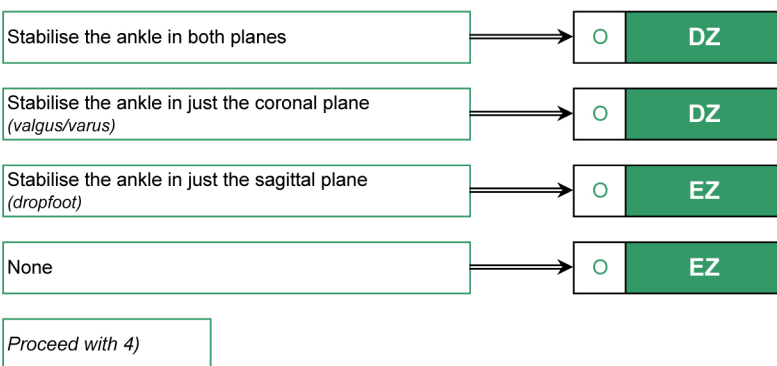
### 1) What is the required functionality of the orthosis at the knee in the sagittal plane?



### 2) What is the required functionality of the orthosis at the knee in the coronal plane?



### 3) What is the required functionality of the orthosis at the ankle?



## COUNTER-INDICATIONS

### 4) Check presence of the following counter-indications

a) Weight limit exceeded?	Yes <input type="radio"/>
	No <input type="radio"/>

With a UNILAT > 120 kg  
(A UNILAT is only loaded in the sagittal plane)

With a FS LAT/FS MED > 100 kg  
(A FS is loaded in both the sagittal and the coronal plane)

b) Ischial weight bearing required?	Yes <input type="radio"/>
	No <input type="radio"/>

Ischial weight bearing in combination with a UTX<sup>®</sup> is not possible. Ischial weight bearing could be necessary in cases of severe pelvic/trunc instability or necessary unloading of lower limb skeletal elements.

c) Knee flexion contracture > 10°?	Yes <input type="radio"/>
	No <input type="radio"/>

A flexion contracture at the knee larger than 10° leads to extreme loading on the leg and the orthosis. On top of that, knee extension at late stance (necessary for unlocking of the SWING) is much more difficult.

d) Non-redressable valgus/varus instability of the knee > 10°?	Yes <input type="radio"/>
	No <input type="radio"/>

A coronal instability of the knee that can't be redressed to angles smaller than 10° can lead to extreme loading on the leg and the orthosis.

e) Mild to serious spasticity?	Yes <input type="radio"/>
	No <input type="radio"/>

Spasticity can lead to extreme loading on the leg and the orthosis. Furthermore, spasticity can interfere in reaching dorsal flexion of the ankle at late stance (necessary for unlocking of the SWING).

f) Insufficient cognitive abilities?	Yes <input type="radio"/>
	No <input type="radio"/>

A limited cognition can interfere with learning to use the orthosis.

**No counter-indications present? Proceed by filling in the measurement and order form further on this sheet.**

**One or more counter-indications present? Contact your Embreis AB or choose an alternative**

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Patient initials and gender: ..... O M / F O

Which side: O L / R O                      Date of birth: ..... - ..... - ..... ..

Height: ..... cm                      Body weight: ..... kg

Diagnosis: .....

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