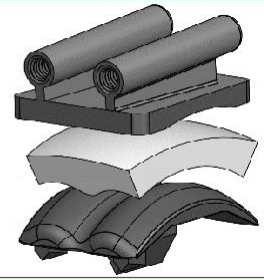


# AKILE

## Ankle prostheses



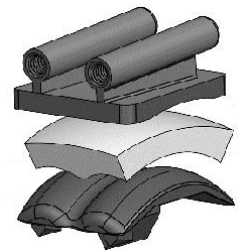
Indication:  
**Ankle replacement**

### *The implant*

The AKILE ankle prosthesis is a tri-compartmental prosthesis with congruent surfaces.

It is composed of three parts: an astragalian part having a trochleo-spherical astragalian dome in contact with the intermediate part ( ) which is also in spherical contact with the tibial part. This prosthesis offers resistance thanks to the congruence of friction surfaces and its **anti-wear Carbioceram® ceramic coating** (I.CERAM patent - microhardness: 4500Hv – coefficient of friction: 0.06) at the interface with the intermediate part. The bone contact, provided by an alumina coating, allows to cement or not the components of the implant to the bone.

- The AKILE® range consists of:
  - 6 sizes of tibial part (3 for the short range and 3 for the long range);
  - 6 intermediate part sizes (thickness 6 to 13mm);
  - 3 sizes of astragalian part;



## TECHNICAL FEATURES

### *Tibial part*

- Stainless steel: M30NW (ISO 5832-9)
- Carbioceram coating on the surface in contact with the intermediate part
- Al<sub>2</sub>O<sub>3</sub> alumina coating of bone contact surfaces

### *Intermediate part*

- High density polyethylene: HDPE (ISO 5834-2)
- Spherical surface in contact with the tibial part
- Surface in a trochleo-spherical astragalian dome in contact with the astragalian part

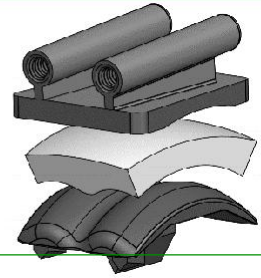
### *Astragalian part*

- Stainless steel: M30NW (ISO 5832-9)
- Carbioceram coating on the surface in contact with the intermediate part
- Al<sub>2</sub>O<sub>3</sub> alumina coating of bone contact surfaces

*NB: Carbioceram is an anti-wear coating integrated into a mirror polished surface that is one of the longevity criteria of the implant.*

# AKILE®

Ankle prostheses



Indication:  
**Ankle replacement**

## REFERENCES

### Tibiale part AKILE

Reference	Size
CH01/1C/16G/T1	1
CH01/1C/16G/T2	2
CH01/1C/16G/T3	3
CH01/1C/16G/T1L	1 Long
CH01/1C/16G/T2L	2 Long
CH01/1C/16G/T3L	3 Long

Sterilization : Gamma radiation 25 kGy

### Astragalian part AKILE

Reference	Size
CH03/1C/14G/T1	1
CH03/1C/14G/T2	2
CH03/1C/14G/T3	3

Sterilization : Gamma radiation 25 kGy

### Intermediate part AKILE

Reference	Size
CH02/2A/2/T1	1
CH02/2A/2/T2	2
CH02/2A/2/T3	3
CH02/2A/2/T4	4
CH02/2A/2/T5	5
CH02/2A/2/T6	6

Sterilization: Gamma radiation 25 kGy

Class III Medical Device

Before any use, read carefully the instructions on the instructions for use and on the label

FT/CH/01/B – Update : 09/01/2021