

AKILE®

Total Ankle Replacement



The AKILE® – Total Ankle Replacement was developed by four French surgeons in the CHU de Bordeaux namely: Prof Chauveau, Dr. Lafenetre, Dr Lucas & Dr Toullec. The first generation of the Akile was implanted in 1995.

The ankle prosthesis AKILE® is a tri-compartmental prosthesis with:

- A trochleo-spherical talar dome
- Double curvature of the polyethylene allowing movement along two planes
- An optional locking keel
- Ceramic articular surfaces (Carbioceram®)
- Large contact surface area between the prosthetic pieces.
- Cemented and non-cemented options
- No size restrictions – designed such as each size fits with the larger or small size
- Accurate precision instrumentation

**Alumina Coating
Aluminium Oxide**



**Ceramic Coating
Carbioceram®**



Sizing of the AKILE® and Product Range

The AKILE® components come in various sizes like many systems on the market – with a distinctive advantage that each component is compatible with every size of another component. No longer does the clinician have to worry about one size fits all approach...

Tibial Component –
2 sizes



Talar Component –
3 Sizes



Intermediate Implant
6 sizes



Optional Locking Keel -
2 sizes



References & Publications:

- **L'arthroplastie totale talo-crurale (MED. CHI. PIED 1998)** O. LAFFENETRE-F. LIQUOIS-.CHAUVEAUX
- **Approche conceptuelle et technique de pose (06/06/2000)** UNIVERSITE BORDEAUX
- **Score Chiffré d'évaluation clinique de l'articulation talo-crurale : mise au point et comparaison avec 6 fiches d'évaluation de la littérature internationale. (Med. Chir. du Pied, 2002, 18, 3,)** - O. LAFFENETRE, Ph. PIRIOU, J. ASCENCIO, D. CHAUVEAUX, T. JUDET, G. MENDOLIA, F. SCHERNBERG
- **Thèse (N° 3047 de 2007)** - M.LAPORTE
- **La prothèse de cheville AKILE: résultats à moyen terme de 127 cas (SOFOT 2013)** - J. LUCAS, Y HERNANDEZ