

BioBall®

Adapter System 12/14

Enhanced flexibility in
primary and revision endoprosthetics

The titanium alloy (TiAl6V4 ELI) BioBall® Adapter enables intra-operative adjustment of the neck length and orientation of in situ prosthetic stems. In addition to neck length, antetorsion/retrotorsion and lateralisation/medialisation of the prosthetic stem are also adjustable. The BioBall® Adapter helps improve the patient's gait and reduces the risk of dislocation. Aside from the myriad adjustment options, the BioBall® Adapter is designed with an important feature allowing it to compensate for minor deformities and damage to the cone of an in situ prosthetic stem. This also makes it easy to replace ceramic sliding pairs. The system thus provides the patient with support, minimising wear and tear and reducing the risk of implant replacement.

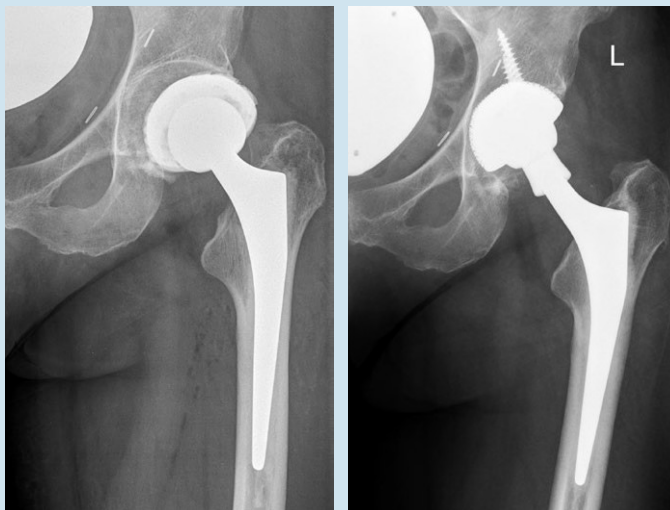


Figure to the left:
Pain due to inguinal pressure from shortened leg length in a 78-year-old female patient

Figure to the right:
Treatment with a BioBall® Adapter
Offset 3XL

(Source: Merete&Friends, issue 3, page 7)

BioBall® Adapter Standard and Offset 12/14



BioBall® Adapter Standard 12/14, sterile								
Neck length	S (-3.0)	M (0)	L (+3.5)	XL (+7.0)	2XL (+10.5)	3XL (+14.0)	4XL (+17.5)	5XL (+21.0)
Ref.	HM30121	HM30122	HM30123	HM30124	HM30125	HM30126	HM30127	HM30128



BioBall® Adapter Offset 12/14, sterile								
Neck length	M (0)	L (+3.5)	XL (+7.0)	2XL (+10.5)	3XL (+14.0)	4XL (+17.5)	5XL (+21.0)	
Offset (mm)	1.1	1.2	1.3	1.5	2.0	2.5	3.0	
Ref.	HM30222	HM30223	HM30224	HM30225	HM30226	HM30227	HM30228	

BioBall® DELTA™ Ceramic Head, compatible with all 12/14 BioBall® Adapters



Material:
BIOLOX® delta ceramic head*

Size (mm)	Ref.
Ø28	HM50028
Ø32	HM50032
Ø36	HM50036

BioBall® Metal Head compatible with all 12/14 BioBall® Adapters

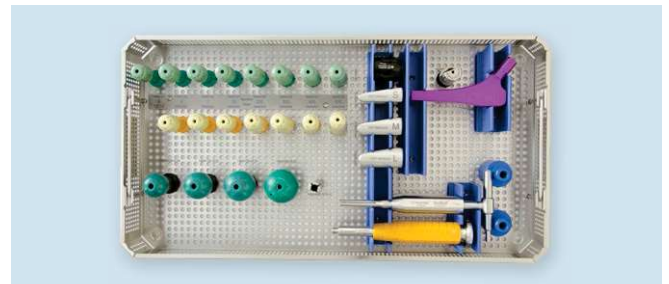


Material:
Vivium®**

Size (mm)	Ref.
Ø28	HM30028
Ø32	HM30032
Ø36	HM30036

BioBall® Instrument Tray

Description	Ref.
BioBall® Instrument Tray	HM30775



* BIOLOX® delta is a registered trademark of CeramTec GmbH.

** Vivium® (High Nitrogen Stainless Steel ISO 5832-9) is a registered trademark of Merete GmbH.