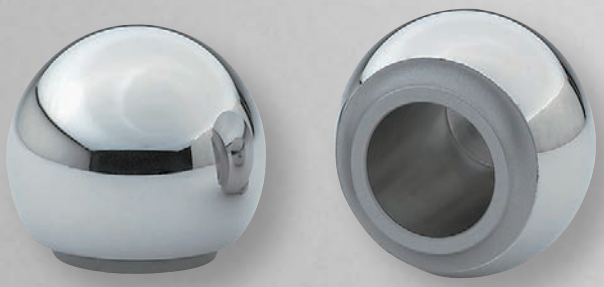
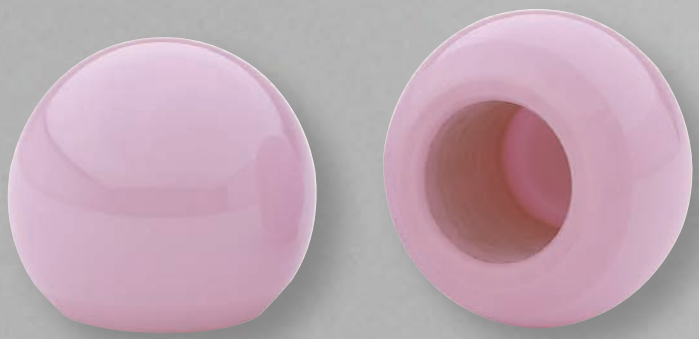
THE EASY SYSTEM

EasyHip Ceramic & CoCr Heads

Implants, Instruments & Surgical Technique





GO easy

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Contents

EasyHip Ceramic & CoCr Heads

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EasyHip Ceramic Heads

for total hip arthroplasty are small ceramic balls that are placed onto the hip stem. Due to the conical design of the 12/14 taper, the heads sit firmly on the stem and require no additional fixation.

EasyHip Ceramic Heads come in three diameters (28 mm, 32 mm and 36 mm) and four head neck lengths, ranging from -4 mm to +8 mm. Detailed correlation can be seen in table below.

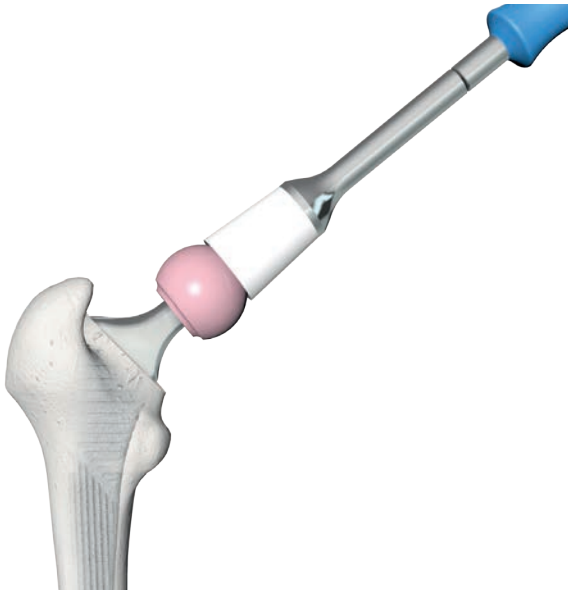
EasyHip CoCr Heads

for total hip arthroplasty are small metal balls that are placed onto the hip stem. Due to the conical design of the 12/14, the heads sit firmly on the stem and require no additional fixation.

EasyHip CoCr Heads come in four diameters (24 mm, 28 mm, 32 mm and 36 mm) and head neck lengths ranging from -4 mm to +10.5 mm.

* BIOLOX® delta products are made by CeramTec GmbH , Plochingen, Germany

Surgical Technique



The taper of the stem is carefully cleaned and dried. This is particularly important with ceramic heads. Then the head is attached by hand with a rotational movement, applying axial pressure.

To finish, the acetabular head driver (E10.2.00.0148) is used to gently tap the prosthesis head into position.

EasyHip Prosthesis Heads with 12/14 taper can be combined with all EasyHip Stems with 12/14 taper.

Except stated otherwise. Please refer to the implant specific instructions for use.

Note:
Instruments that are required for implanting EasyHip Prosthesis Heads are part of the EasyHip hip systems instrument sets and are listed in the respective catalogues.

EasyHip Ceramic Head

Material: BIOLOX® delta* – Ceramic
Taper 12/14 mm

Item no.	Head-Ø mm	Neck length	Neck length mm
E11.1.00.0000	28	short	-3.5
E11.1.00.0001	28	medium	0
E11.1.00.0002	28	long	+3.5
E11.1.00.0003	32	short	-4
E11.1.00.0004	32	medium	0
E11.1.00.0005	32	long	+4
E11.1.00.0006	32	extra long	+7
E11.1.00.0007	36	short	-4
E11.1.00.0008	36	medium	0
E11.1.00.0009	36	long	+4
E11.1.00.0010	36	extra long	+8

All BIOLOX® delta* components are compatible with each other.
* BIOLOX® delta products are made by CeramTec GmbH , Plochingen, Germany

EasyHip CoCr Head

Material: CoCrMo
Taper 12/14 mm

Item no.	Head-Ø mm	Neck length	Neck length mm
E12.1.00.0002	24	short	-3.5
E12.1.00.0003	24	medium	0
E12.1.00.0004	28	short	-3.5
E12.1.00.0005	28	medium	0
E12.1.00.0006	28	long	+3.5
E12.1.00.0016	28	extra long	+7
E12.1.00.0007	28	extra extra long	+10.5
E12.1.00.0008	32	short	-4
E12.1.00.0009	32	medium	0
E12.1.00.0010	32	long	+4
E12.1.00.0011	32	extra long	+8.5
E12.1.00.0012	36	short	-4
E12.1.00.0013	36	medium	0
E12.1.00.0014	36	long	+4
E12.1.00.0015	36	extra long	+8

Accessories

Instructions for Cleaning and Maintenance

Specific instructions for instruments are available on request from info@go-implants.com

Literature

EasyHip Ceramic Heads

Do Ceramic Femoral Heads Reduce Taper Fretting Corrosion in Hip Arthroplasty? A Retrieval Study by S. M. Kurtz PhDab, S. B. Kocagöz BSa, Josa A. Hanzlik MSa, R. J. Underwood PhDb, J. L. Gilbert PhDc, D. W. MacDonald MSa, G-C. Lee MDd, M. A. Mont MDe, M. J. Kraay MDf, G. R. Klein MDg, J. Parvizi MDh, C. M. Rimnac PhDi

Corrosion in modular total hip replacements: An analysis of the head–neck and stem–sleeve taper connections.
by S. Munir, BE, MBiomedEa,*, Michael B. Cross, MDa,b, Christina Esposito, PhDa, Anna Sokolovaa, and William L. Walter, MBBS, FRACS, FAOrthA, PhDa

The Lancet, 'Failure rates of stemmed metal-on-metal hip replacements: analysis of data from the National Joint Registry of England and Wales'
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Claude B. Rieker (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5367615/)
Parvizi J. The influence of head material on polyethylene wear. Presented at the 13th EFORT Congress 2012. May 23-25. Berlin

EasyHip CoCr Heads

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Indications/Contraindications

Indications and contraindications: EasyHip Ceramic Heads

Indications
Total primary hip replacement surgery in combination with prosthesis stems and cup or Bipolar Heads
Revision hip surgery (= prosthesis removal) using new prosthesis stems and cup
Revision hip surgery (= prosthesis removal) with cup left in situ without damage or permissible damage of the cup and liner, or when cup liner is exchanged
Contraindications
Revision hip surgery (= prosthesis removal) with the stem left in situ, when the taper of the stem is damaged

Indications and contraindications: EasyHip CoCr Heads

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Revision hip surgery (= prosthesis removal) using new prosthesis stems and cup
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Contraindications
Revision hip surgery (= prosthesis removal) with the stem left in situ, when the taper of the stem is damaged
Revision (= prosthesis removal) of a ceramic head, it has to be replaced with a revision ceramic head (with a metal inner taper)

Note:
A technical compatibility between all Go Implants heads with 12/14 Taper and all Go Implants stems with 12/14 Taper is given. Valid head neck extensions are defined in the stem specific surgical technique. However, in certain revision cases a further extension might be clinically indicated and can be seen as the best treatment option for the patient. This has to be carefully evaluated by the surgeon, considering the patient´s clinical condition and the level of physical activity before performing a hip replacement.

Notes

Notes

Important Information

Please note the following regarding the use of our implants:

1. Choosing the right implant is very important.
The size and shape of the human bone determines the size and shape of the implant and also limits the load capacity. Implants are not designed to withstand unlimited physical stress. Demands should not exceed normal functional loads.

2. Correct handling of the implant is very important.
Under no circumstances should the shape of a finished implant be altered, as this shortens its life span.
Our implants must not be combined with implants from other manufacturers.

The instruments indicated in the Surgical Technique must be used to ensure safe implantation of the components.

3. Implants must not be reused.
Implants are supplied sterile and are intended for single use only. Used implants must not be used again.

4. After-treatment is also very important.
The patient must be informed of the limitations of the implant. The load capacity of an implant cannot compare with that of healthy bone!

5. Unless otherwise indicated, implants are supplied in sterile packaging.
Note the following conditions for storage of packaged implants:
- Avoid extreme or sudden changes in temperature.
- Sterile implants in their original, intact protective packaging may be stored in permanent buildings up until the "Use by" date indicated on the packaging.
- They must not be exposed to frost, dampness or direct sunlight, or mechanical damage.
- Implants may be stored in their original packaging for up to 5 years after the date of manufacture. The "Use by" date is indicated on the product label.
- Do not use an implant if the packaging is damaged.

6. Traceability is important.
Please use the documentation stickers provided to ensure traceability.

7. Further information on the material composition is available on request from the manufacturer.

Follow the instructions for use!

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The Surgical Technique described has been written to the best of our knowledge and belief, but it does not relieve the surgeon of his/her responsibility to duly consider the particularities of each individual case.

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