



Life Restored

Product Portfolio



Primary Hip Solutions



FURLONG HIP SYSTEM

Cementless Total Hip Replacement Implanted since 1985, and with the accolade as the world's first implanted hydroxyapatite ceramic coated stem the Furlong® H-A.C has over 30 years supporting clinical evidence.



FURLONG EVOLUTION

Cementless Total Hip Replacement Successfully implanted since 2011, The Furlong Evolution® Hip provides the solution for Surgeons demanding a bone conserving stem ideally designed for conventional and tissue sparing approaches.



AVANTEON HIP SYSTEM

Cemented Total Hip Replacement Collarless, double tapered and highly polished the Avanteon® is based on proven taper-slip principles. Available in 36 (CDH) 38,45 & 50mm offsets allowing accurate restoration of hip joint biomechanics.



ACE ACETABULAR SYSTEM

Multi bearing cementless acetabular system Designed by surgeons, the ACE® aims to provide a one cup solution that can be used with a selection of multi bearing options (BIOLOX® delta, Dual Mobility and Neutral 10° & 20° XLPE CLP75® liners) allowing intra-operative versatility and a proven clinical heritage.



CSF *Plus*

Cementless acetabular system Precise instrumentation and patented Supravit® Zoned HA coating to maximise bone ingrowth and long-term stability the CSF Plus is available with either BIOLOX® delta or XLPE CLP75® liners.

Revision Hip Solutions



3D ACT

Acetabular Reconstruction System

Highly porous titanium alloy multi-hole acetabular cup and augment system created using 3D EBM printing technology ideal for both primary and more complex acetabular Paprosky I – IIIb defects. 100% pore connectivity promotes bone ingrowth and secondary biologic fixation. 3D ACT is aligned with intuitive instruments and the ability to fully trial prior to implantation.



ABM

Modular Femoral Revision Stem

Based on the design of the successful Wagner style prosthesis the ABM has 8 longitudinal ridges in the distal stem to aid preservation of the cancellous bone, maintain rotational stability and provide additional strength to the implant itself. Designed to treat a wide range of indications the ABM Femoral Revision system uses precise, accurate instruments and modular components to assist the Surgeon.



Primary Hips

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Revision Hips

Naviswiss - Hip Navigation

Swiss precision hand-held hip navigation system for primary and revision joint replacement. Naviswiss provides the surgeon with control, accuracy with a minimal impact on operating time or budgets.



- Supports all surgical approaches.
- Open platform with all hip implant systems.
- Imageless or CT-based for ultimate versatility
- Streamlined workflow.
- Realtime tracking for cup alignment, leg length and offset.
- Documented outcomes.



Naviswiss

Complete Knee Solutions

Anatomic • Accurate • Adaptable

A3 GT Our 4th generation A3GT total knee system boasts a large range of sizes for best anatomical fit; a soft tissue friendly, high flex femoral component and a highly engineered instrument platform to support accurate and reproducible implant alignment.

ACCK is a varus valgus constrained condylar revision knee system with extensive modular options designed to address the common instabilities and bone loss encountered when revising primary knees.

AHK The Rotating Hinge Knee is designed for limb salvage surgeries in patients and is also used for revision treatment of joint instability caused by ligament insufficiency or loss after knee replacement.



Knee Systems

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Biologics – Cartilage & Bone Regeneration

A proven biological solution. Ready when you need it.

Clear clinical indications based on the specific disease stage



MaioRegen is a biomimetic joint surface restoration system for the treatment of cartilage and osteochondral lesions. It is indication for use in all cases where it is necessary to restore osteo-cartilaginous connective tissue in joints.

MaioRegen is a single stage procedure and an off the shelf product, supported by a wealth of clinical evidence.

Regenoss



Engipore



Biomimetic grafts capable of mimicking the composition, structure, morphology and chemico-physical properties of natural bone.

Hydroxyapatite-based and enhanced with either Magnesium or Type 1 Collagen, these grafts create the optimum environment and promote the ingrowth of cells to facilitate the bone regeneration process.

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Orthobiologics



Innovative Custom Orthopaedic Solutions by JRI

Designed and fabricated bespoke implants that help patients return to anatomical wellness.

Over 50 years experience of Hip innovation, design and British manufacture has enabled JRI to understand that every patient is different, and each orthopaedic case is as special as the last.

Individuals recover differently during standard orthopaedic procedures, so for those more challenging cases 'off the shelf' implants would simply compromise the outcome.

ICOS is not just about the implant but is an end-to-end dedicated service tailored to the different, unique and one-offs that do not fit the same standard and everyday implant and procedure.

ICOS provides surgeons with the ability to treat patients presenting complex degenerative, trauma or tumour acetabular bone defects far better than conventional or standard implants.

ICOS believes that although all custom implants are unique to that patient the clinical outcome should be consistent.

Good surgical fit, easy bone & tissue compliance and faster recovery time are key benchmarks to patient and surgical practice.



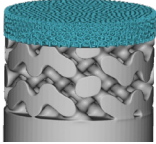
Customs

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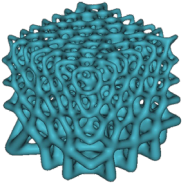




Unique Custom Technology



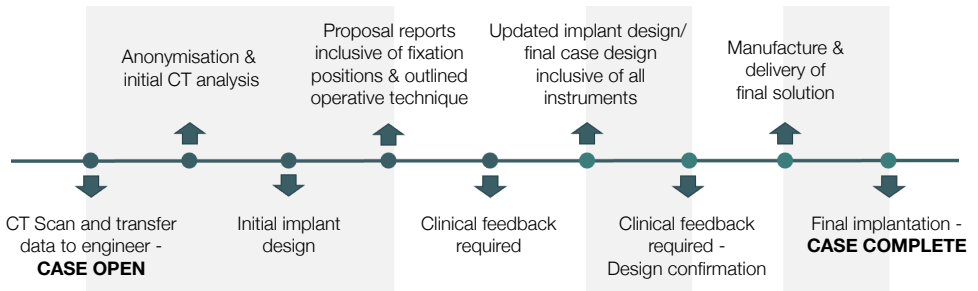
Dual Lattice Technology (DLT) Improves cleanability and mitigates excess powder entrapment. DLT significantly reduces the weight of the construct without weakening structural integrity of the implant.



Stochastic Bone Integration Lattice - Lattice structure of the implant is generated to provide greatest contact area with the host bone. The second key structural aspect is the random nature of the implant's lattice to provide maximum conformity to the patient's anatomy. Pores in direct contact with bony anatomy measure 500µm, providing optimum integration. Pores further away from bony anatomy measure 900µm, these increase the likelihood of improved cellular activity and bone ingrowth.



Rapid Design & Delivery Process



Dedicated Custom Fit Team

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Reverse Total Shoulder Solution



Minimum inventory

Minimum components - reduced complexity without compromising clinical choice.



Cortical Bone Screw
±15° Adjustable
Superior/Inferior
Locking Screws



Glenoid Dome
Polished Cobalt
Chrome (CoCr)



Inverse Humeral Insert
Ultra High Molecular
Weight Polyethylene
(UHMWPE)



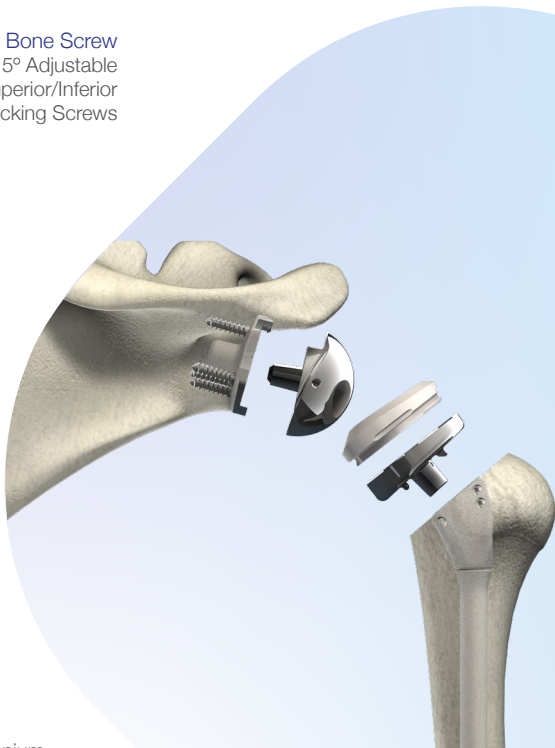
Locking Screw
Humeral Metal Back
Titanium



Humeral Neck
H-A.C. Zoned Coated Titanium
Fixed angle – 140° Neck Stem Angle
(NSA)



Humeral Stem H-A.C.
H-A.C. Supravit® Coated Titanium
8, 10 and 12, 14 and 16mm Diameters



VAIOS

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