PATIENT SPECIFIC IMPLANTS

TUMOUR

FUSION

LIMB SALVAGE

TRAUMA

Upload your CT Scan DICOM

Web Meeting
Custom implant requirements determined

Final Approval
Final design is sent off for surgeon sign off

Implantation
The custom truss implant is delivered with trials and implants

3D printed patient specific titanium alloy truss implants

High strength, low weight

Open architecture maximises bone graft volume

Truss design allows for each strut to be in compression and tension thereby stimulating bone growth and remodelling

Nano roughened surface maximises protein adhesion and osteoblast proliferation

Increased clinical flexibility in complex surgery

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Increased clinical flexibility in complex surgery
The ability to easily tailor an off the shelf implant intra or post-operatively to the patient’s needs provides increased clinical flexibility and improved patient outcomes. LifeHealthcare’s range of tailored implants provide the best in class solutions for complex tumour, trauma, revision and limb lengthening cases.

Adjustable intramedullary limb lengthening nail used to non-invasively treat limb discrepancies

Accurate remote controlled distraction using magnets which may eliminate the need for additional surgeries for adjustment

Only intramedullary nail to provide bi-directional control enabling the accordion manoeuvre to treat delayed bone consolidation

Eliminates the need for bulky external frames and pins reducing risk of infection

Maximum intraoperative flexibility, from partial bone replacement in 10mm increments to total femoral replacement

Highly modular replacement system for large femoral and proximal tibial bone loss in complex trauma, revision and tumour surgery

Unique push through stem to preserve abductor structures

Ability to provide silver coated surface modification

Compatible with the LINK MP Revision Hip System and Endo Model Hinge Knee
LifeHealthcare Orthopaedics

LifeHealthcare is a local, publicly listed company with global reach. Our focus is to provide leading surgeons and hospitals the best clinical options in Complex Surgery.

We listen to your clinical needs and use our network to source best in class products. Our portfolio allows you to provide Patient Specific and Tailored Solutions in the most complex of orthopaedic indications.

LifeHealthcare aims to be a meaningful partner in complex surgery whilst understanding and respecting the challenges this brings. We have dedicated internal resources focused on Regulatory and Reimbursement, including the Custom Process and Special Access Schemes.

We also understand the financial challenges facing healthcare in treating patients with complex needs, and provide a Technologically Stable product line to assist with cost management. LifeHealthcare is not about volume, but it is about delivering the best solution, focused on one patient at a time.

LifeHealthcare Orthopaedics

We understand that a true partnership needs to include all service aspects. This is why we provide a range of technologically stable products that have a strong clinical history matched with tailored financial models that extend your hospital’s budget reach.

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