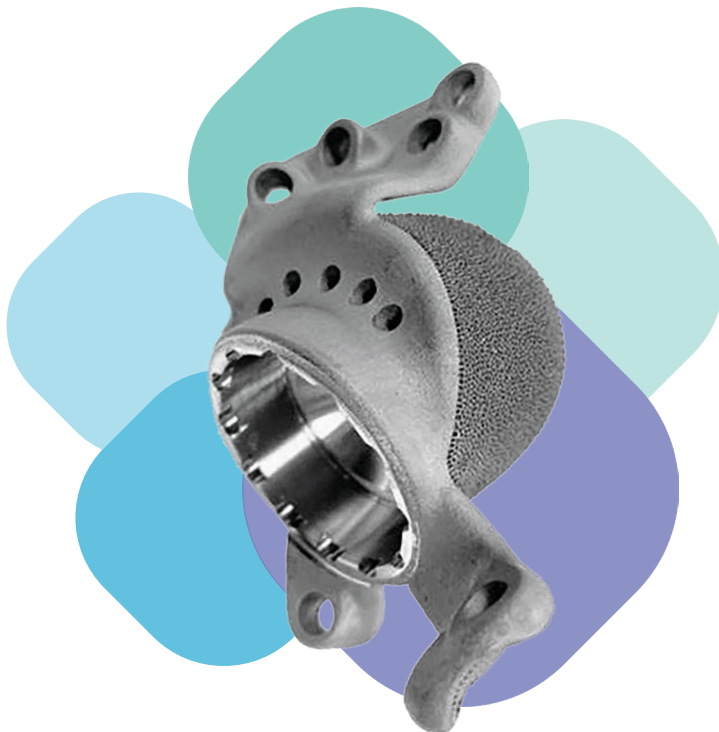


# ***ICOS** CUSTOM SOLUTIONS*

---



Designing and manufacturing bespoke implants that help patients return to anatomical wellness.

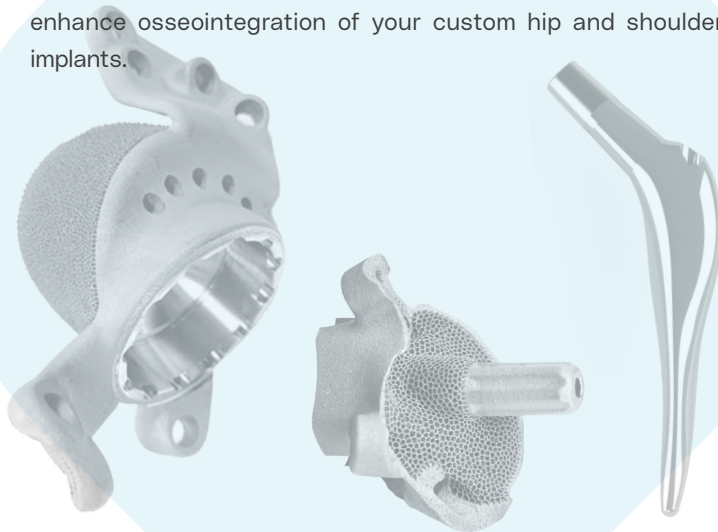
**Jri**  
ORTHOPAEDICS

## ***RESTORE ANATOMY. REIMAGINE MOVEMENT.***

---

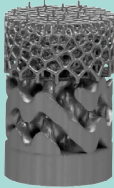
An innovative end to end custom solution for complex orthopaedic pathologies.

Utilising the latest additive manufacturing and Dual Lattice Technology we aim to improve cleanability, reduce weight and enhance osseointegration of your custom hip and shoulder implants.

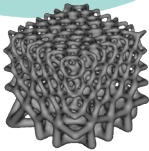


***Delivered sterile within 8 weeks from CT.***

## ADDITIVE MANUFACTURING EXCELLENCE



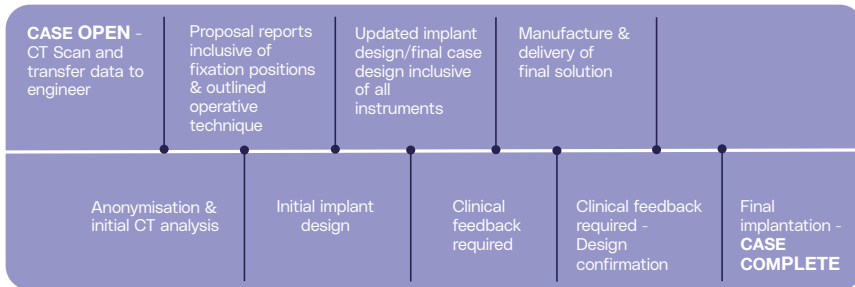
**Dual Lattice Technology (DLT)** Improves cleanability and mitigates excess powder entrapment. DLT significantly reduces the weight of the construct without weakening structural integrity of the implant.



**Stochastic Bone Integration Lattice** - The ability to customise the micro-architecture and mechanical properties of the lattice, in order to achieve the greatest contact area with the host bone.

Random in nature, the implant's lattice provides maximum conformity to the patient's anatomy. Pores in direct contact measure 500µm to provide optimum integration. Pores further away from the bony anatomy measure 900µm, these increase the likelihood of improved cellular activity and bone ingrowth.

## RAPID DESIGN & DELIVERY PROCESS



“JRI are a great company to work with. *Reliable*, but also *innovative* and *dynamic*, which is ideal for my current practice.”

David Thyagarajan

Sheffield Teaching Hospitals  
NHS Trust



ICOS



18 Churchill Way, 35A Business Park, Chapeltown, Sheffield S35 2PY, UK  
T: +44 (0) 114 345 0000 E: [marketing@jri-ltd.co.uk](mailto:marketing@jri-ltd.co.uk) W: [www.jri-ltd.com](http://www.jri-ltd.com)

**JRI Orthopaedics Ltd**

**Jri**  
ORTHOPAEDICS