

# LRS

## IMPLANTS

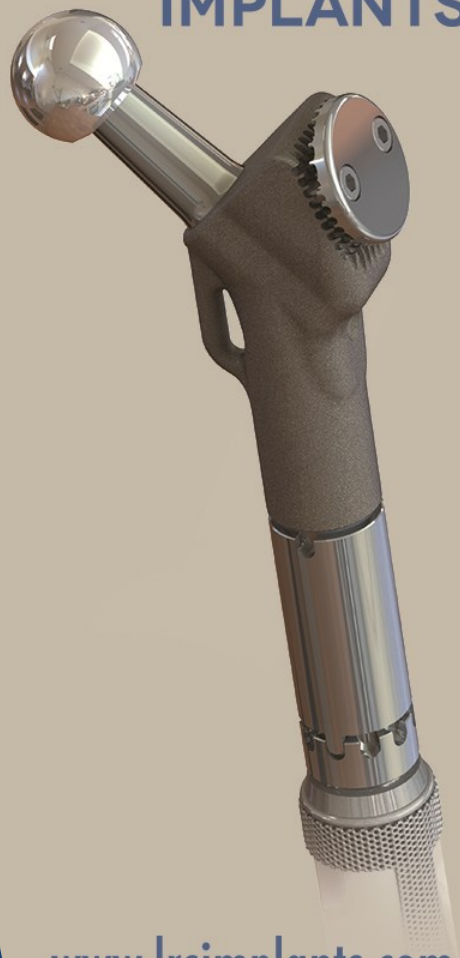
### LIMB SALVAGE SYSTEM

**LRS**  
IMPLANTS



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## ABOUT LRS

LRS Implants is an innovative Orthopaedic Company, based in Cape Town, South Africa. LRS specialises in the field of Limb Salvage, and in finding solutions for any orthopaedic challenges.

LRS has a comprehensive Limb Salvage System, providing industry leading modularity for the treatment of almost any form of severe bone loss. The system has been designed in close collaboration with leading Limb Salvage Surgeons.

All products are manufactured from medical grade Ti6Al4V and UHMWPE.

LRS partners with leading academic institutions and suppliers to ensure that all products are of the highest quality and meet all international medical device standards.



## SCAPULA—PROXIMAL HUMERUS

The LRS Scapula - Proximal Humerus is a modular reconstruction system that provides the surgeon with industry leading intra-operative options for complex massive reconstruction of the shoulder joint:

- Custom or Standard Sized Titanium Scapula to fit patient specifications.
- Peripheral holes in Scapula for soft tissue attachment.
- Low profile Scapula to aid soft-tissue closure,
- Constrained glenoid for stability in gross rotator cuff loss.
- Varying length of proximal humerus resection achieved in 1cm increments.
- Combines with LRS custom designed prostheses.

### Indications:

- Primary bone tumours
- Metastatic disease



## PROXIMAL FEMUR

The LRS Proximal Femur is a modular reconstruction system that provides the surgeon with industry leading intra-operative options:

- Femoral resection length from a minimum of 90mm upwards in 10mm increments.
- Free adjustment of proximal femur version after cementing.
- Femoral neck length adjustment to change offset.
- Trochanteric re-attachment plate with non-backout locking screws.
- LRS cortical support fork in various sizes for rotational stability and bone in-growth.
- Cemented intra-medullary stems in various sizes and lengths.
- Combines with LRS Distal Femur components for Total Femur replacement.
- Combines with LRS custom designed prostheses.

### Indications:

- Primary bone tumours
- Metastatic disease
- Failed joint replacements
- Periprosthetic fractures
- Revision hip arthroplasty following stem failure





## DISTAL FEMUR

The LRS Distal Femur is a modular reconstruction system that provides the surgeon with industry leading intra-operative options for large resections of the distal femur.

- Femoral Resection Length from a minimum of 100mm upwards in 10mm increments.
- Rotating Hinge to relieve stress on bone-implant interface.
- Titanium condyle component
- Modular condyle and tibia base plate sizes to ensure an optimal fit for the patient.
- UHMWPE inserts in various thicknesses for accurate leg length balancing.
- LRS cortical support fork in various sizes for rotational stability and bone in-growth.
- Cemented intra-medullary stems in various sizes and lengths.
- Combines with LRS Proximal Femur for Total Femur Replacement.
- Combines with LRS Proximal Tibia
- Combines with LRS custom designed prostheses.

### Indications:

- Primary bone tumours
- Metastatic disease
- Failed joint replacements
- Trauma



## CONTACT DETAILS

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