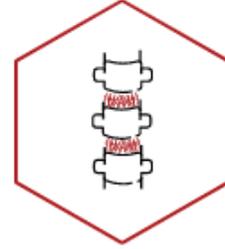


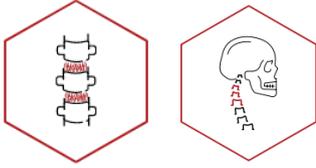
TERRACOTTA-C TRABECULAR TITANIUM CERVICAL CAGE



**Perfect for
provide
cervical
fusion.**

TERRACOTTA-C Trabecular Titanium Cervical Cage HIGHLIGHTS

- ♀ Porous nature of Terracotta Trabecular Intervertebral Fusion Cages mimic cancellous bone.
- ♀ Built layer by layer, using a high-powered laser to melt titanium alloy powder.
- ♀ Direct metal laser sintered Ti-6Al-4V surfaces enhances osteoblast response and osseointegration.
- ♀ Highly porous titanium alloy material designed for bone in-growth and biological fixation and great mechanical performance.
- ♀ Real osseointegration improves long term stability.
- ♀ Suitable elastic modulus avoids stress shielding.

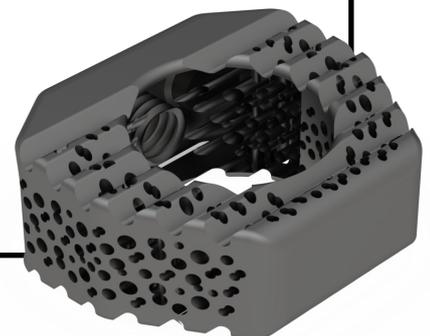


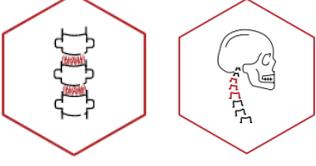
GENERAL USAGE

- ♀ TERRACOTTA-C Trabecular Titanium Cervical Cage is designed for use on the cervical spine.
- ♀ TERRACOTTA-C Trabecular Titanium Cervical Cage with osseointegration capability and high biomechanical performance is produced from Ti6Al4V alloy in accordance with ISO 5832-3 standard with additive manufacturing method.
- ♀ TERRACOTTA-C Trabecular Titanium Cervical Cage functions as an intervertebral fusion device to provide support and stabilization to the cervical segments of the spine and is designed for spinal fusion procedures at C2-C7 levels in skeletally mature patients with degenerative disc disease.
- ♀ TERRACOTTA-C Trabecular Titanium Cervical Cage has a central cavity for bone graft and has notches on the upper and lower surfaces of the cage for fixation.
- ♀ Implants are available in a variety of sizes and lordotic angles to accommodate patient anatomy.

INDICATIONS

- ♀ Vertebral body destruction with kyphosis
- ♀ Segmental instability
- ♀ Stabilization after treatment of a herniated cervical intervertebral disc
- ♀ Osteophytosis compressing the nerve roots and/or spinal cord
- ♀ Degenerative intervertebral instability
- ♀ Degenerative disc diseases and spinal instability
- ♀ Cervical spine trauma
- ♀ Radiculopathy
- ♀ Myelopathy
- ♀ Osteomyelitis





- ✓ TERRACOTTA-C Trabeclular Titanium Cervical Cage is produced with Direct Metal Laser Sintering (DMLS) technique.
- ✓ A novel Laser Rapid Manufacturing/Additive Manufacturing process provides the ability to generate unique porous and solid structures. This technology offers new opportunities for device manufacturers to innovate for the potential benefit of patients and surgeons.
- ✓ Developing TERRACOTTA-C Trabeclular Titanium Cervical Cage from porous Ti-6Al-4V alloy with additive manufacturing methods reduces the elasticity modulus of titanium cages and makes the elastic properties closer to the natural bone tissue.
- ✓ Roughened titanium alloys demonstrated an increase in osteoblast differentiation and a reduction in osteoclast activity.
- ✓ There is no metal powder wasted.

