

Cervical Disc Prosthesis

EFSPINE Cervical Disc Prosthesis is a single use device for cervical intervertebral disc replacement at one level or two contiguous levels from C3 to C7 in order to maintain/restore segmental motion and disc height.

Two different types of cervical disc prosthesis which are made of titanium and peek materials.

Anodized and TIN coated surface options are available for the titanium type.

Ti6AL4V-ELI pin material in the middle of the mechanism, provides a perfect motion capability.

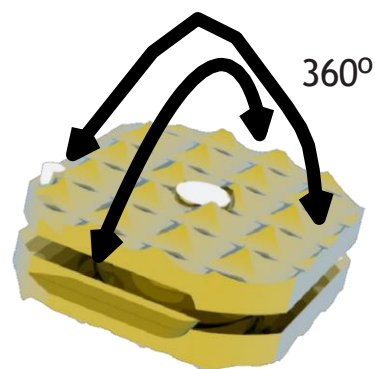
Special design for 360° movement ability.

Physical capability of Flexion Extension - Lateral Bending – Rotation. Minimizing the scratching by TIN coating.

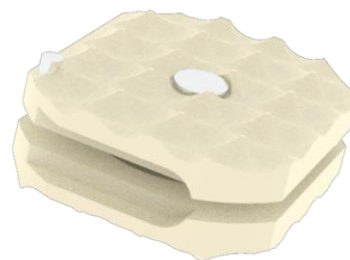
Both types have threaded surfaces for easy fixation to the cervical vertebra.

Made of implantable grade titanium alloy (Ti6AL4V-ELI) material which is congruent with ISO 5832-3 and ASTM-F 136 standards.

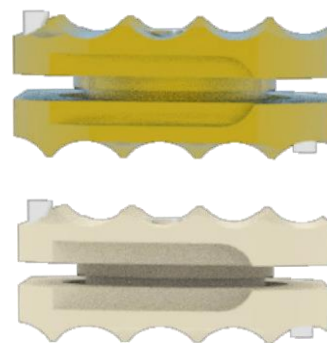
Made of implantable grade polyetheretherketone (PEEK) material which is compatible with ASTM-F 2026 and USP IV standards and the rod markers are made of Ti6AL4V-ELI material which is compatible with ISO 5832-3 and ASTM-F 136 standards. Both materials are biocompatible.



CERVICAL TITANIUM DISC PROTHESIS



CERVICAL PEEK DISC PROTHESIS



Indications

EFSPINE Cervical Disc Prosthesis is indicated in skeletally mature patients for reconstruction of the disc from C3-C7 following discectomy at one level or two contiguous levels for intractable radiculopathy (arm pain and/or neurological deficit) with or without neck pain, or myelopathy due to abnormality localized to the level of the disc space and at least one of the following conditions confirmed by radiographic imaging: herniated nucleus pulposus, spondylosis (defined by the presence of osteophytes), and/or visible loss of disc height compared to adjacent levels.

EFSPINE Cervical Disc Prostheses are implanted using an anterior approach. Patients should have failed at least 6 weeks of conservative treatment or demonstrated progressive signs or symptoms despite non-operative treatment prior to implantation of the prosthesis.

One step insertion, with no additional exposure or operative steps required for keel or screw placement

