

SALUS PEEK ROD "DYNAMIC / SEMI-RIGID"



**Perfect for
spine
stabilization**

SALUS PEEK ROD HIGHLIGHTS

- ♀ Allows both dynamic and semi-rigid fixation
- ♀ PEEK rods can withstand beyond normal physiological range of motion
- ♀ PEEK rods provide comparable stability than titanium rods
- ♀ Better antero-posterior load sharing
- ♀ Decreased forces and strains induced at the bone screw / interface
- ♀ Reduce implant failure (lower re-intervention rate)
- ♀ Rigid constructs are probably far more rigid than needed to augment fusion
- ♀ Compatible with steam sterilization, EO sterilization and plasma sterilization
- ♀ Radiolucency (image friendly)





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PURPOSE OF USAGE

SALUS PEEK ROD providing semi-rigid fixation to bridge the gap between rigid and dynamic spinal constructs. It is designed to be used in the thoracolumbar region of the spine.

It can be applied to one or more levels according to the various characteristics of the patient and the disease. It is available in different sizes in accordance with the patient anatomy. Compatible with 5.5 rod system.

SALUS PEEK ROD

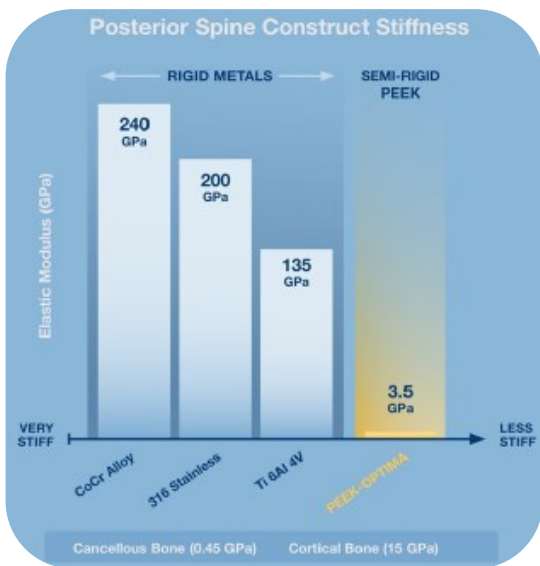
Size	Reference Number
Ø5.5X40	OSI-A5540
Ø5.5X50	OSI-A5550
Ø5.5X60	A5560
Ø5.5X70	A5570
Ø5.5X80	A5580
Ø5.5X90	A5590
Ø5.5X100	A55100
Ø5.5X110	A55110
Ø5.5X120	A55120
Ø5.5X130	A55130
Ø5.5X140	A55140
Ø5.5X150	A55150



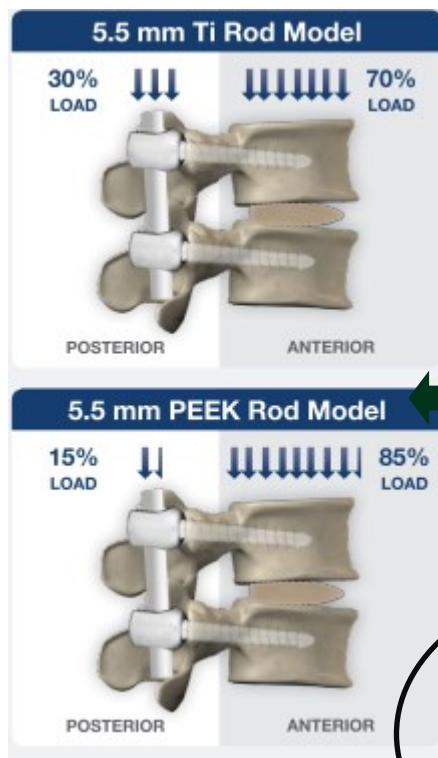
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PRE-CLINICAL EVIDENCE



Easier rod insertion due to lower stiffness.



PEEK Spinal Rod Components offer a 21% increase in anterior loading over Ti Rods.

- According to :
- ◆ ASTM1798-97 test,
 - ◆ ASTM 1717-04 test,
 - ◆ A/P shear testing,
 - ◆ Cadaveric testing,
 - ◆ Finite element analysis

Bone-to-screw interface
PEEK Spinal Rod Components have been demonstrated to reduce screw toggling and maintain better screw purchase in biomechanical tests, which can benefit patients with questionable bone quality. This leads to reduced stress at the bone-to-screw interface which may prevent screw pull-out and device failure.