

TRUST THE EVIDENCE

Cervical Fusion Data Comparison

COMBINED DATA FROM 4 CLINICAL STUDIES: PEEK-OPTIMA™ and Titanium Devices Compared Directly*

PEEK-OPTIMA

88-100%

FUSION RATE¹⁻³⁺

0-14%

SUBSIDENCE RATE²⁻⁴

64-80%

PATIENT OUTCOME²⁻⁴
(Good or Excellent by Odom's Criteria)

3.84
 $p=0.72^{++}$

MODULUS⁵
(GPa)

TITANIUM

47-93%

16-20%

55-75%

50.20
 $p<0.01^{++}$

1. Chou et al (2008), *J Clin Neurosci*, 15:1240-1245
2. Niu et al (2010), *J Spinal Disord Tech*, 23(5):310-316
3. Cabraja et al (2012), *BMC Musculoskeletal Disord*, 13:172
4. Chen et al (2013), *Eur Spine J*, 22(7):1539-46
5. Heary et al (2017), *J Spine Surg*, 3(2):163-167

* Supporting information available upon request.
+ Based on radiographic outcome.
++ Compared with cancellous allograft bone.



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