Acrylic cage

The use of acrylic cage is associated with good clinical and radiological outcomes and it can be therefore a good substitute for bone graft and other cages in Anterior Cervical Discectomy and Fusion (ACDF) [1].

In a experimental pilot study using an acrylic interbody cage in a dog cervical spine fusion model, the acrylic cage showed significantly higher mechanical stiffness and less subsidence than bone grafting. Additional studies with more subjects and longer follow-up periods are needed to compare the cost effectiveness of acrylic cages and polyetheretherketone devices [2]

1)
Farrokhi MR, Nikoo Z, Gholami M, Hosseini K. Comparison between Acrylic Cage and Polyetheretherketone (PEEK) Cage in Single-Level Anterior Cervical Discectomy and Fusion: A Randomized Clinical Trial. J Spinal Disord Tech. 2015 Feb 25. [Epub ahead of print] PubMed PMID: 25719973.
2)
Farrokhi MR, Torabinezhad S, Ghajar KA. Pilot study of a new acrylic cage in a dog cervical spine fusion model. J Spinal Disord Tech. 2010 Jun;23(4):272-7. doi: 10.1097/BSD.0b013e3181b63da6. PubMed PMID: 20087221.

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