

Carbon Fiber

Brantigan and Steffee ¹⁾ combined [interbody fusion](#) with [pedicle screw/plate stabilization](#) of the [lumbar spine](#) in [1993](#).

In [spinal oncology](#), [titanium](#) implants pose several challenges including [artifacts](#) on advanced imaging and therapeutic radiation perturbation. To mitigate these effects, there has been increased interest in radiolucent [carbon fiber](#) (CF) and CF-reinforced [polyetheretherketone](#) (CFR-PEEK) [implants](#) as an alternative for [spinal reconstruction](#).

see [CFR-PEEK](#)

¹⁾

Brantigan JW, Steffee AD. A [carbon fiber](#) implant to aid [interbody lumbar fusion](#). Two-year clinical results in the first 26 patients. Spine (Phila Pa 1976) 1993;18:2106-7.

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