

INTERVERTEBRAL FUSION
Using Carbon Fiber Reinforced
Polymer Implants

Editors
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Defendant's Exhibit

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Because I have a financial interest in carbon fiber reinforced polymer (CFRP) implants, it is my obligation to document the data supporting use of CFRP implants in the spine, clinical results achieved by surgeons around the world, complications and pitfalls, and to present the best surgical techniques recommended by experienced surgeons. These CFRP devices are manufactured by DePuy Spine (Raynham, MA), a division of Johnson & Johnson. Although the company has cooperated with preparation of this textbook, no financial support of any kind has been provided by DePuy Spine, and no company has had editorial input.

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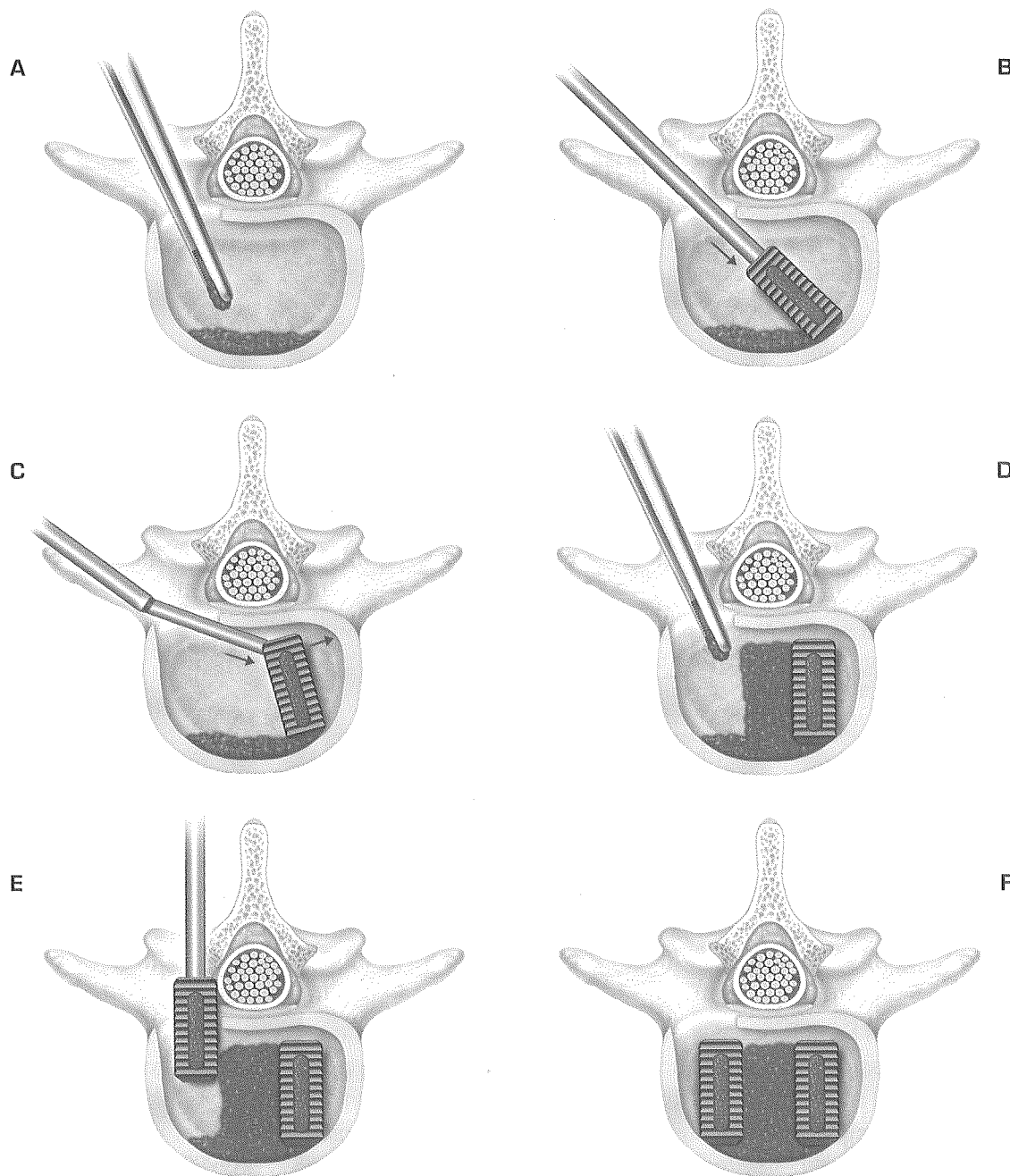


Fig. 31-7 Bone grafting and placement of bilateral Brantigan Interbody Fusion Cages through a unilateral single portal. **A**, Morselized cancellous bone is tightly impacted into the far anterior portion of the disc space. **B**, The first cage is obliquely inserted into the contralateral side of the disc space through the portal that was made on the surgeon's side. **C**, After the cage holder has been removed, the posterior part of the cage is pushed toward the opposite side to be raised up by a cage positioner. **D**, Additional morselized bone graft is then placed beside the first cage. **E**, The second cage is inserted straight ahead through the portal and placed in the surgeon's side of the disc space. **F**, Morselized cancellous bone is grafted both anterior to and between the two cages. Bilateral anterior column support by two Brantigan Interbody Fusion Cages is achieved through a single unilateral approach.