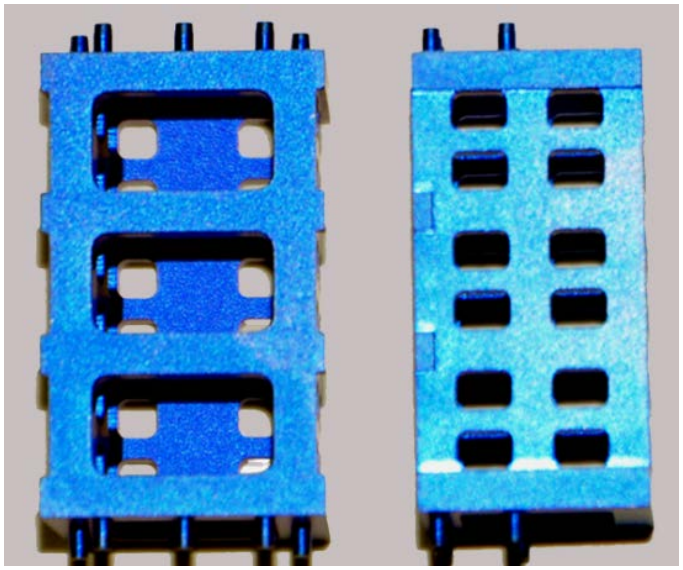
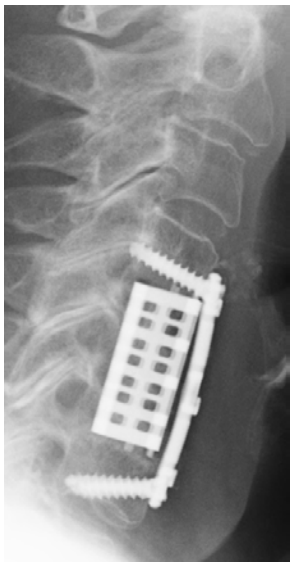
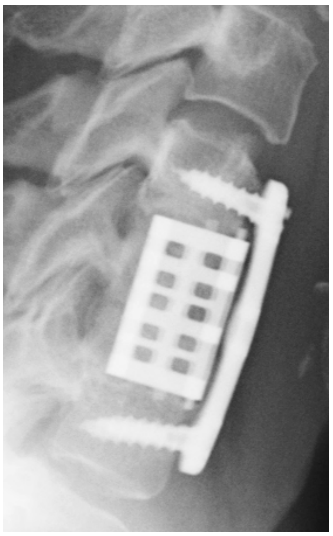
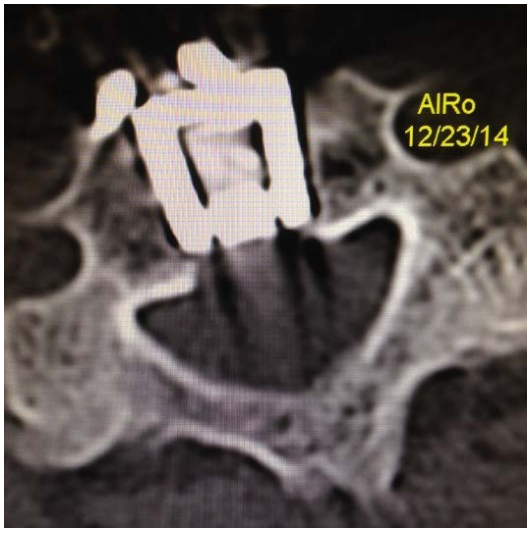
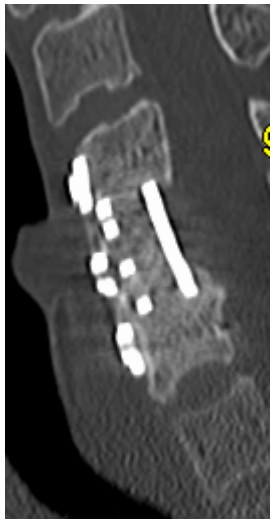
C-VBR

On February 11, 2016 Cardinal Spine, LLC received 510(k) approval from the FDA for the C-VBR and C-VBR Lordotic as the first mon-block vertebral body replacement devices for the cervical spine (C2-T1).

The C-VBR has **SAFETY** features to prevent intra-operative over-insertion and post-operative retropulsion. The devices are trapezoidal in the axial, sagittal and coronal planes. The end-plate spikes, anterolateral brakes and triplane wedging provide a 12-fold improvement in direction expulsion testing. The C-VBR lordotic require 630 N of force to move 3 mm towards the spinal cord whereas cylindrical cages only required 55 N.



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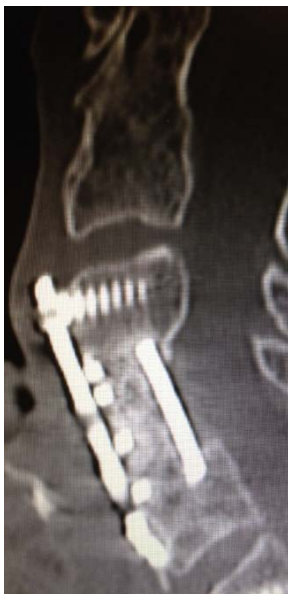
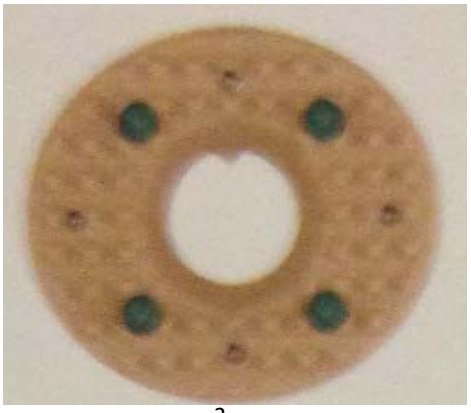
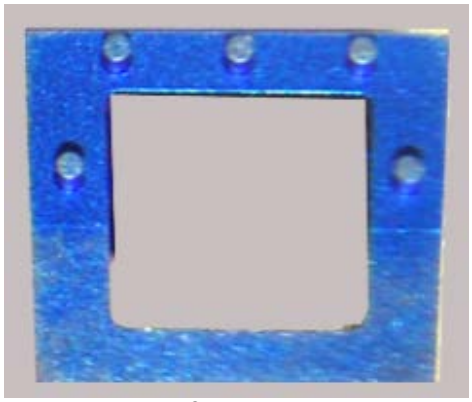


C-VBR devices have large windows allowing for efficient graft packing, vascular ingrowth and fusion consolidation. Expandable cages often create large air gaps and provide minimal surface area contact between the graft and host bone.





9.8 mm^2 contact area versus 90 mm^2 contact area

We hope that you find this information useful and will consider using our devices in the near future.

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