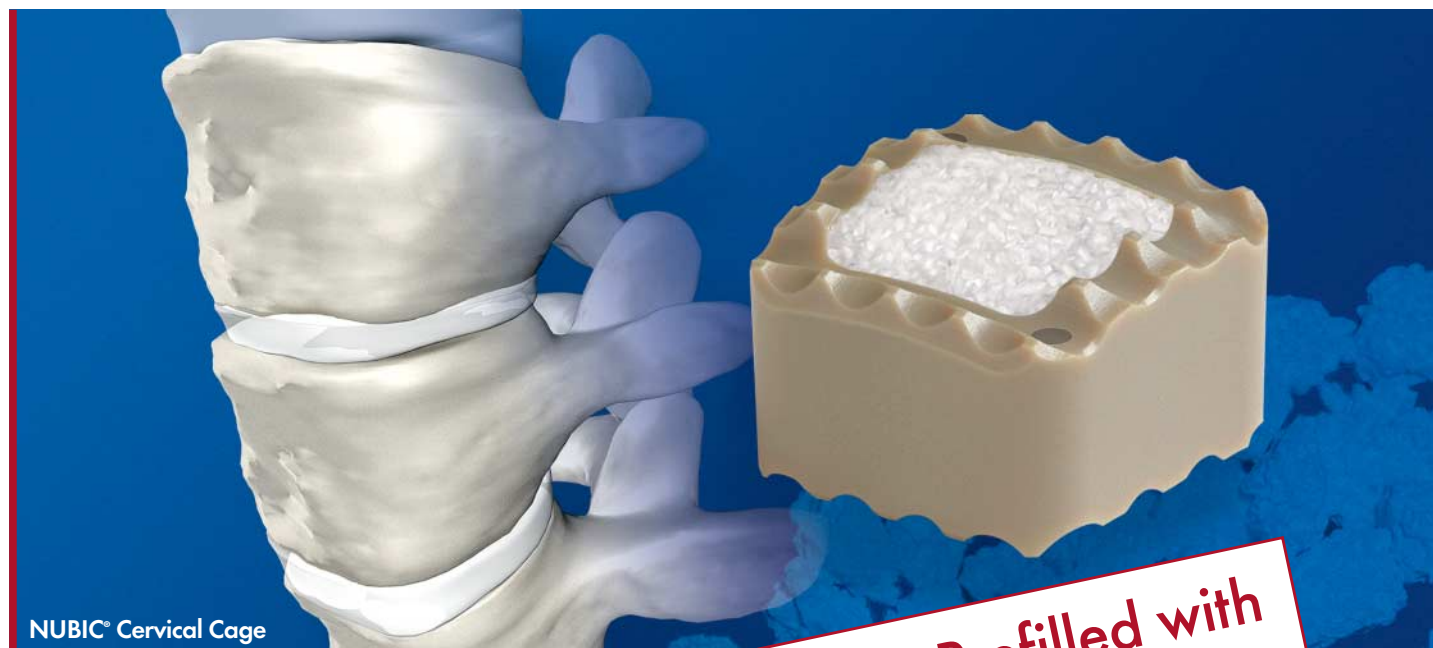


NUBIC[®] with KAINOS[®]+

Optimized Vertebral Body Fusion



NUBIC[®] Cervical Cage

NEW: Prefilled with
KAINOS[®]+

NUBIC® with KAINOS®+

Optimized Vertebral Body Fusion

The safe and efficient method for vertebral body fusion. Via the anterior approach for stabilization following cervical discectomy the pre-filled NUBIC® cervical implant is indicated for:

- Intervertebral disc prolapse
- Disc herniation
- Mechanical instability
- Calcification of the posterior structures
- Osteochondrosis
- Spinal canal stenosis

The NUBIC® implant, in the revolutionary thermoplastic, PEEK Optima LT, is designed as a 'Smith-Robinson' style graft for anterior cervical vertebral fusion. It provides immediate stability while providing simplicity and ease of use.

The ideal compliment to the NUBIC® implant is the pre-shaped insert of bioactive KAINOS®+. Available pre-filled and sterile packaged, it is a synthetic material that is pure and safe. The use of KAINOS®+ obviates the need to harvest bone graft to fill the implant, reducing the risk of donor site complications and is convenient and efficient.

KAINOS®+ is a biphasic mixture of hydroxyapatite and tri-calcium phosphate (60%; 40%, respectively) that has a unique structure of micro- and macropores due to its proprietary production process. With this unique combination of material and structural properties KAINOS®+ becomes fully integrated in the natural remodelling process and is completely resorbed while being simultaneously replaced by new bone making it the ideal bone graft substitute.

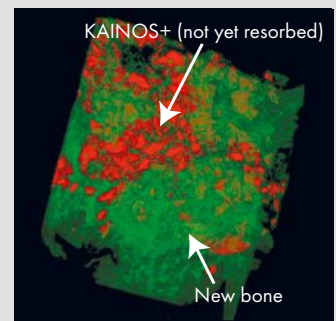
SPECIFIC ADVANTAGES:

- **Artefact-Free in MRI**
 - ➔ Optimal postoperative control
- **Titanium markers**
 - ➔ Easy identification and positioning
- **Toothed, superior and inferior surfaces**
 - ➔ Provides secure seating for the implant
- **Wide opening for solid fusion**
 - ➔ Permits good bony fusion
- **Oblong form**
 - ➔ Follows established Smith-Robinson technique
- **Concave superior surface**
 - ➔ Matches anatomical morphology
- **Prefilled with bioactive calcium phosphate ceramic**
 - ➔ Engineered for optimal bony fusion

| HEIGHT | LENGTH | WIDTH | ARTICLE NUMBER |
|--------|--------|-------|----------------|
| 4 | 13 | 14 | NBF041314 |
| 5 | 13 | 14 | NBF051314 |
| 6 | 13 | 14 | NBF061314 |
| 7 | 13 | 14 | NBF071314 |
| 8 | 13 | 14 | NBF081314 |



NUBIC® pre-filled with KAINOS®+: safe and efficient



Micro CT showing bone formation in NUBIC® with KAINOS®+ after 4.5 months post-op.



NUBIC® with KAINOS®+ at 5 months post-op: well integrated with bony fusion

