

ostaPek[®] Carbon Composite Trabis[™] Cervical Corpectomy

spine nuances.com



ostaPek® high performance carbon composite.

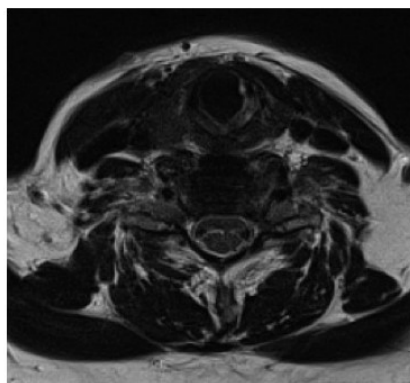
67% long carbon fibers embedded in a 33% PEKEEK polymer matrix.

Technically described as a “long carbon fiber reinforced polymer (LCFRP)”, ostaPek® carbon composite was developed specifically for spinal fusions and is manufactured entirely by Coligne. By controlling fiber orientation, ostaPek® carbon composite implants are tailored to meet the physiological needs of the vertebral endplates, the adjacent vertebral bodies and to provide the necessary conditions for spinal fusion. This takes implant design and performance beyond the limits of traditional monolithic materials such as metals or pure plastic.

Used in clinical applications since 1994, ostaPek® has shown intrinsic osteophilic properties; no coating required. It is radiolucent. Bone and surrounding tissue can be observed within and next to the implant, useful both for clinical follow up and radiation therapy.



Vertical and transverse fusion at 3 months as shown on CT scan.



Radiolucent without artifact.

Trabis™ cervical corpectomy in ostaPek®.

Simplicity in action.

The Trabis™ open three-strut architecture is available in a number of sizes to provide ease of use and match the endplate curvature. Just select the right sized trial, verify the fit and then place the Trabis™ cage filled with the medium of choice.



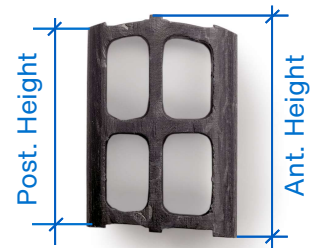
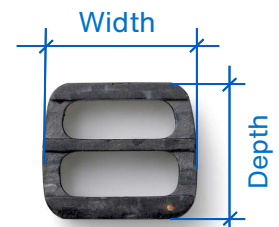
Properties.

- Trabis™ clinical experience of 15 years
- ostaPek® carbon composite is intrinsically osteophilic, no coatings required
- Thin wall cage design enables unparalleled graft to cage volume ratio
- Open three-strut cage design matches vertebral endplates and lowers the risk of subsidence
- Large lateral, sagittal and transverse bone ports to optimize fusion
- ostaPek® mechanical properties tailored to ensure primary stability and promote remodeling
- 4° lordosis
- Gold-markers confirm implant position
- Radiolucent for high quality diagnostic follow up with CT, MRI and plane x-ray
- Potential to reduce radiation dose perturbation for patients that need radiotherapy



Dimensions

Reference	Width (mm)	Depth (mm)	Post. height (mm)	Ant. height (mm)	Lordosis* (°)
015.030.176	13.5	12	15.6	17.6	4°
015.030.191	13.5	12	17.1	19.1	4°
015.030.206	13.5	12	18.6	20.6	4°
015.030.221	13.5	12	20.1	22.1	4°
015.030.236	13.5	12	21.6	23.6	4°
015.030.251	13.5	12	23.1	25.1	4°
015.030.276	13.5	12	25.6	27.6	4°
015.030.301	13.5	12	28.1	30.1	4°
015.030.326	13.5	12	30.6	32.6	4°
015.030.351	13.5	12	33.1	35.1	4°
015.030.376	13.5	12	35.6	37.6	4°
015.030.401	13.5	12	38.1	40.1	4°
015.030.426	13.5	12	40.6	42.6	4°
015.030.451	13.5	12	43.1	45.1	4°
015.030.476	13.5	12	45.6	47.6	4°
015.030.501	13.5	12	48.1	50.1	4°
015.030.526	13.5	12	50.6	52.6	4°



* Non-lordotic cages available upon request.

SpineNuances, 93 Albury Way, North Brunswick, NJ 08902, USA
Tel +41 78 668 95 72, info@spinenuances.com, www.spinenuances.com

Coligne AG, Utoquai 43, CH-8008 Zurich, Switzerland
Tel +41 43 343 80 00, Fax +41 43 343 80 09, info@coligne.com, www.coligne.com

All Coligne treatment technology is for use only by a qualified and trained spinal surgeon. Coligne product availability is subject to regional health care regulation in a specific country. Not all products are available in specific countries. Some products or product usages are not yet cleared by the US-FDA. Contact your Coligne representative for details. Consult product insert for product warnings and details. ostaPek® and Trabis™ technology are subject to patents or patents pending in Europe, US and Asia.

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