

HARMONIZED LOAD TRANSFER

Resulting in less stress shielding due to a better match of the material properties

RELIABLE OSSEOINTEGRATION

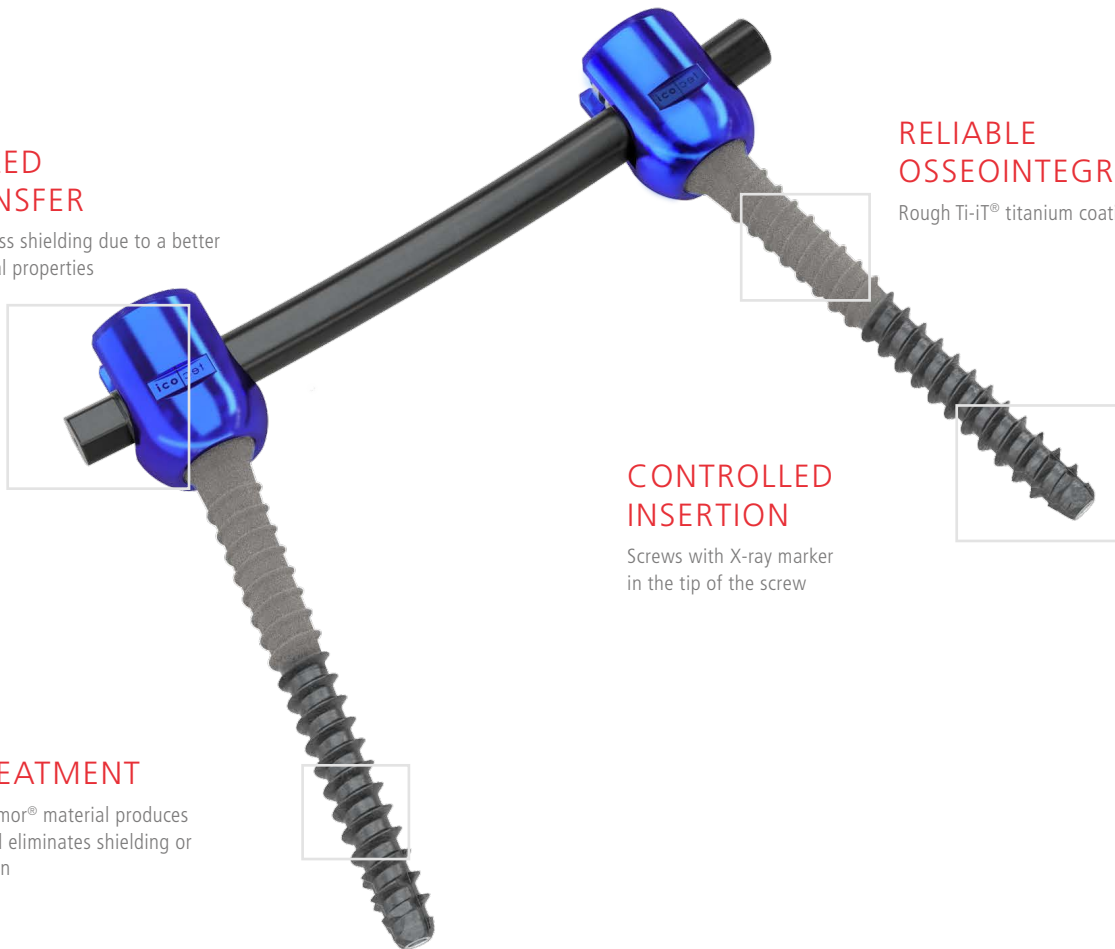
Rough Ti-iT[®] titanium coating

CONTROLLED INSERTION

Screws with X-ray marker
in the tip of the screw

TUMOR TREATMENT

Nonmetallic BlackArmor[®] material produces minimal artifacts and eliminates shielding or scattering of radiation



inspired by nature – built by icotec

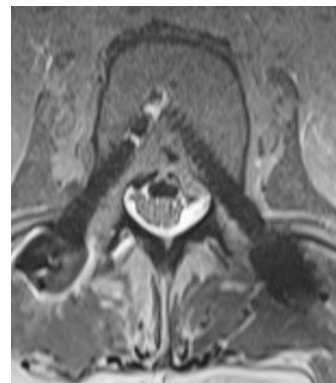
LIGHTMORE[®] PEDICLE SYSTEM

Factsheet



X-ray

BlackArmor[®] Carbon/PEEK pedicle screws and titanium-coated icotec ETurn[®] TLIF Cage



MRI

BlackArmor[®] Carbon/PEEK pedicle screws



CT

Left: Titanium pedicle screw
Right: BlackArmor[®] Carbon/PEEK pedicle screw

LIGHTMORE® PEDICLE SYSTEM

LightMore® Pedicle Screws

| Description | Diameter | Length | Increments | Reference number |
|--|----------|----------|------------|------------------|
| Screws, made of BlackArmor® Carbon/PEEK, polyaxial, noncannulated, sterile | 5.5 mm | 25–55 mm | 5 mm | 16-5724-555xx |
| | 6.5 mm | 30–60 mm | 5 mm | 16-5724-565xx |
| | 7.5 mm | 30–60 mm | 5 mm | 16-5724-575xx |

BlackArmor® Rods

| Description | Curvature | Diameter | Radius | Length | Increments | Reference number |
|--|---------------------|----------|-------------|------------|------------|------------------|
| Rods, made of BlackArmor® Carbon/PEEK, sterile | Straight | 5.5 mm | 000 | 30–150 mm | 10 mm | 16-55-000xx |
| | Curved | 5.5 mm | 120 | 30–100 mm | 10 mm | 16-55-012xx |
| | Curved | 5.5 mm | 450 | 100–160 mm | 20 mm | 16-55-045xx |
| J-rods, made of BlackArmor® Carbon/PEEK: combination of straight (radius = 000 mm) and curved (radius = 450 mm), sterile | Straight and curved | 5.5 mm | 000 and 450 | 60/70 mm* | – | 16-55-00607-9 |
| | | | | 50/100 mm | – | 16-55-00510-9 |
| | | | | 60/100 mm | – | 16-55-00610-9 |

* Available on request.

Titanium Rods


| Description | Curvature | Diameter | Radius | Length | Increments | Reference number |
|------------------------------------|-----------|----------|--------|------------|------------|------------------|
| Rods, made of titanium, nonsterile | Straight | 5.7 mm | 000 | 40–100 mm | 10 mm | 16-57-400xx |
| | | | | 120–200 mm | 20 mm | |
| | | | | 250–500 mm | 50 mm | |
| Rods, made of titanium, sterile | Straight | 5.7 mm | 000 | 100–500 mm | 100 mm | 16-57-900xx |
| Rods, made of titanium, nonsterile | Curved | 5.7 mm | 120 | 40–100 mm | 10 mm | 16-57-412xx |
| | | | | 120–140 mm | 20 mm | |

Titanium Nut Screw

| Description | For rod diameter | Reference number |
|--------------------------------------|------------------|------------------|
| Nut Screw, made of titanium, sterile | 5.5 mm | 16-57-41000 |
| | 5.7 mm | |

Titanium Cross-Links

| Description | Width | Reference number |
|---|----------|------------------|
| Cross-Links, made of titanium, nonsterile | 30–34 mm | 16-57-3034 |
| | 33–42 mm | 16-57-3442 |
| | 40–53 mm | 16-57-4053 |
| | 50–70 mm | 16-57-5070 |
| Cross-Links, made of titanium, sterile | 30–34 mm | 16-57-93034 |
| | 33–42 mm | 16-57-93442 |
| | 40–53 mm | 16-57-94053 |
| | 50–70 mm | 16-57-95070 |

Information needed to use the device and a glossary of symbols that may appear on the product labeling and the meaning of the symbols are made available in electronic form; current and previous versions can be downloaded in electronic form at ifu.icotec-medical.com (code = ) or can be requested by email or phone from icotec. On request, icotec will provide a paper version within seven calendar days at no charge. The electronic versions can be viewed with a freely available PDF reader (e.g., Adobe Acrobat Reader, which can be downloaded at www.adobe.com).



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