

True Insights.
Making the Next Step.



When you use titanium

When you use Carbon/PEEK



inspired by nature –
built by icotec



Engineered and
Manufactured by icotec
in Switzerland.



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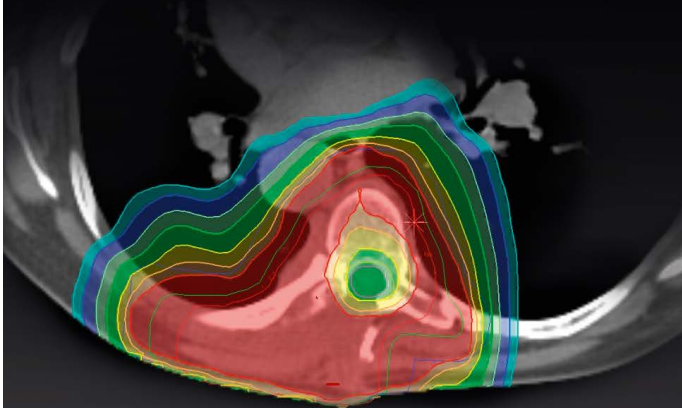
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Radiotherapy.
Breaking Barriers with
Carbon/PEEK.



Information for oncology professionals

Tumor Treatment with
Carbon/PEEK Implants

icotec implants.
Made of Carbon/PEEK.

- Nonmetallic and radiolucent
- Carbon/PEEK material creates no imaging artifacts
- Dose planning
 - Less time for planning and better accuracy
- Therapy
 - Correct application of dose into target volume
 - Protection of the surrounding tissue from overdose
- Follow-up
 - True insights and unobstructed diagnostic assessment



Tumor Treatment with Carbon/PEEK Implants

Information for oncology professionals

Surgical treatment

State-of-the-Art Pedicle System and Surgical Technique

Secure spinal stabilization

- Muscle-sparing approach due to cannulated screws
- Enhanced osseointegration owing to rough titanium coating
- Minimal imaging artifacts with Carbon/PEEK implants

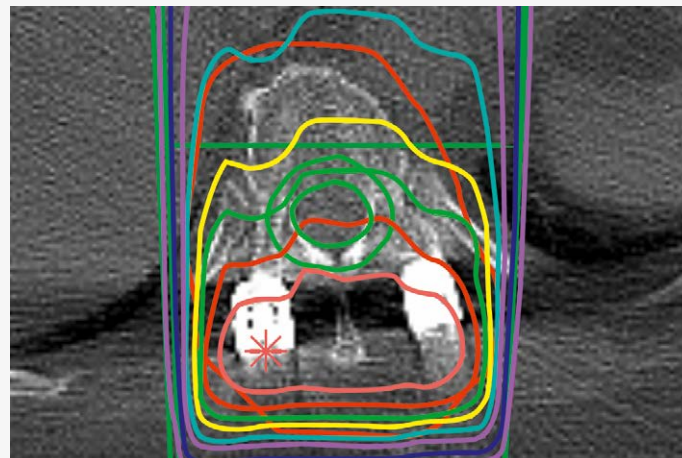


Planning

Accurate Delineation and Accelerated Dose Planning

Carbon/PEEK material creates no artifacts

- Optimal delineation of anatomic structures
- Radiolucent Carbon/PEEK material enables a more homogenous dose planning
- Significantly reduced planning time



Therapy

Unimpeded Passage of Radiation Beam

Effective radiotherapy with Carbon/PEEK

- Eliminates shielding or scattering of radiation
- Protection of adjacent tissue and organs
- Homogenous dose distribution
- Correct dose in target volume



Follow-up

True Insights and Unobstructed Diagnostic Assessment

Clinical monitoring

- Thorough and precise control of tumor recurrences in target area possible
- Superior diagnostic imaging at every follow-up when compared to metal implants

