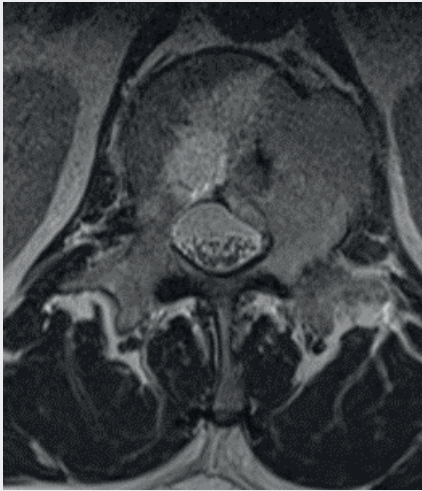


# How BlackArmor® Helps Patients Access Advanced Therapies

## Pre-Op MRI



Axial



Sagittal

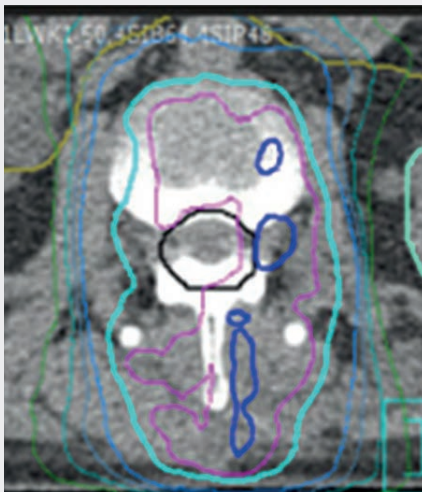
### Patient

52-year-old male with osteosarcoma of L1.

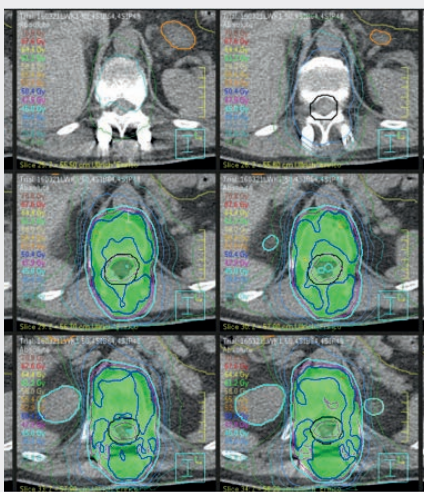
### Treatment

Posterior stabilization with the VADER® Pedicle System (Th11–L3) and vertebral body replacement with the KONG-TL® VBR System (L1).

## Post-Op Planning of Radiation Therapy in CT



Axial



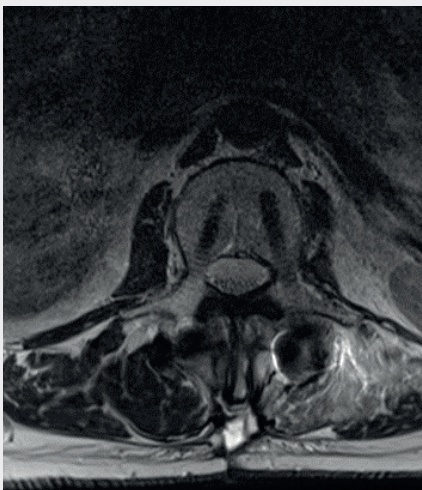
Axial

### Radiation Therapy

Proton therapy

- Target volume: 5.4 Gy / 1.8 Gy ED / 28 fractions
- Integrated boost: 64.4 Gy / 2.3 Gy ED

## 6-Month Post-Op MRI



Axial



Sagittal

### Clinical Outcome

6 months postoperatively no recurrence detected and no complications.

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