

# CASE STUDY Treatment Of Metastatic Tumor And Spinal Stenosis

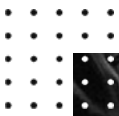
## Background

Spinal metastases are the most common tumors of the spine. Within the spinal column, metastasis is more commonly found in the thoracic region. When evaluating spinal metastasis on MRI imaging, a defining feature of these lesions is the sparing of intervertebral disc space. Spinal stenosis is the narrowing of the spinal canal. Squeezing the nerves and cord in the spine can change how the spinal cord functions and cause pain, stiffness, numbness, or weakness.

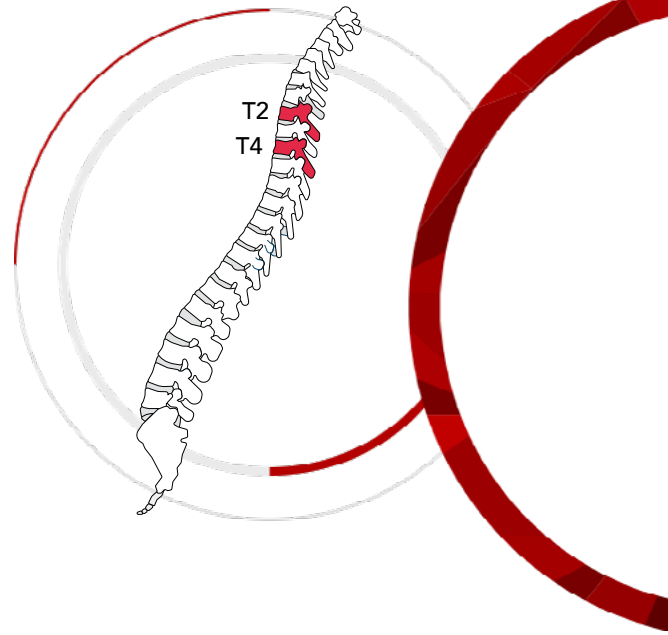
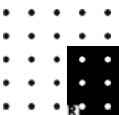
## History

A 63 years old woman has severe pain in her back for 1 month. She has been unable to walk for 3 weeks. She was diagnosed as T2 metastatic tumor and spinal stenosis. The patient was advised to undergo surgery due to the negative impact of signs and symptoms upon her health. The patient agreed to surgery.

## Pre-Treatment Image



## Post-Operative Images



## Treatment

The patient underwent surgery on her back with placement of screws, rods, and connectors of **OSI Spine Fixation System**.

**SENTINUS Corpectomy Mesh Cage** was also used for the treatment of the patient. After a skin incision and visualization and incision of the paravertebral muscles were dissected. Screws were placed then rods and connectors were implanted. After sufficient decompression, an appropriately sized **SENTINUS Corpectomy Mesh Cage** was implanted under X-ray monitoring. The procedure was completed by controlling with scopy.

**Prof. Dr. Emre ACAROĞLU**

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