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CT Mid-Lower Spine with Contrast

Results

PROCEDURE: CT scan of the thoracolumbar spine. August 28, 2026 0850 hours

Clinical History: Thoracic and lumbar metastasis. Evaluate for compression fractures. Please extend to include sacrum and pelvis.

Technique: Helical axial sections with sagittal and coronal reformats of the thoracolumbar spine were obtained with intravenous contrast. Iterative reconstruction technique was employed to reduce patient radiation exposure.

Radiation Dose: Total exam DLP 519 mGy/cm.

Comparison: Compared with the prior CT whole spine study dated July 27, 2026 and correlated with the prior MR spine study dated July 27, 2026

Findings:
Straightening of the thoraco-lumbar spine. Multifocal lytic lesions involving in vertebral bodies and posterior elements, unchanged since the prior study.
Again seen are compression fracture deformities of the T1, T4, T5 and T8 vertebral bodies with a mild reduction in the vertebral body heights, similar to the prior CT and MRI study. Again seen is extraosseous soft tissue extension of the right transverse process lytic lesion resulting in right T8/T9 neural foraminal narrowing, also unchanged since the prior study.
There is a similar dominant S1 lytic lesion with posterior cortical destruction and extra-osseous anterior epidural soft tissue mass, measuring 2.6 x 1.6 cm in axial dimensions (image 798, series 304). The lesion compresses anterior thecal sac.
Another lytic lesion at the S2/3 level also compresses thecal sac and narrows the adjacent right foraminal canal, unchanged.
Multifocal lytic lesions involving sternum, ribs, scapulae, and pelvic girdles, unchanged.

Impression:
Multifocal lytic lesions involving the axial and appendicular skeleton with compression fracture deformities of the thoracic vertebrae and similar dominant soft tissue component surrounding the S1, S2/S3 lytic lesions causing canal compromise as detailed above.

Date of Order: 8/28/2026 1:06:00 PM
Report Electronically Signed By: Anil Khosla
Signature Date/Time: 8/29/2026 6:42:13 AM

Ordering provider: Avik Som
Reading physician: Anil Khosla
Study date: Aug 28, 2026 8:52 AM
Result date: Aug 29, 2026 6:42 AM
Result status: Final

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