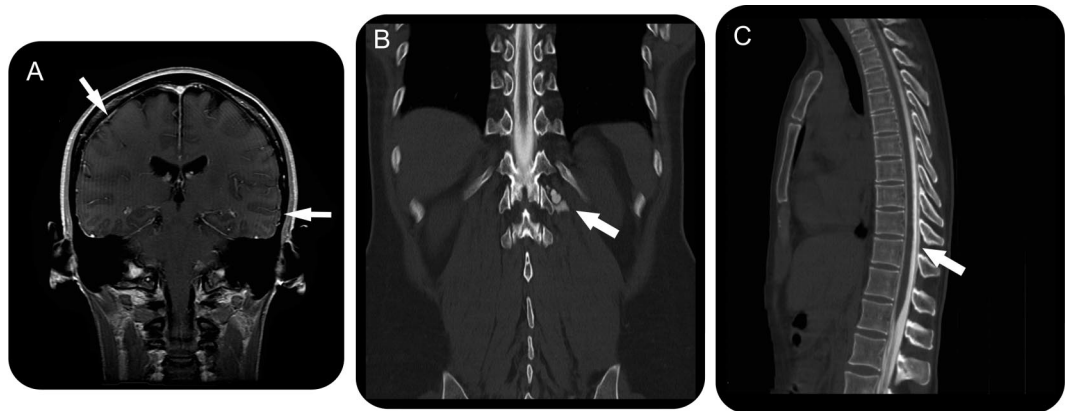


Teaching NeuroImages: Nontraumatic spinal CSF leak on CT myelography in a patient with low-pressure headaches

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Figure Postcontrast MRI of the brain and CT myelography of the spine



(A) Coronal T1-weighted MRI of the brain postgadolinium contrast administration demonstrating diffuse meningeal enhancement (arrows). (B) Coronal reformatted CT myelogram showing a saccular CSF collection in the left posterior paravertebral soft tissues at the level of T12 (white arrow). (C) Sagittal reformatted CT myelogram showing aggregation of contrast in the posterior subdural space (white arrow).

A 32-year-old woman with no relevant past medical history presented with a 4-year history of bilateral blurred vision and postural headaches. Intracranial hypotension-related headache due to spontaneous nontraumatic CSF leak was considered. MRI demonstrated meningeal enhancement (figure, A) and a left saccular paraspinal CSF collection at the level of T12. CT myelography showed aggregation of contrast in the posterior subdural space from T6 to T12 (figure, B and C). The patient was treated

successfully with an epidural blood patch after remaining refractory to conservative caffeine and analgesic treatment.^{1,2}

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