Teaching NeuroImages: A large spinal cord syringomyelia associated with arachnoid web formation

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Figure Dorsal thoracic arachnoid abnormality

A 31-year-old woman presented with a 7-month history of numbness followed by weakness of her left arm with pain extending from the neck. Examination revealed left arm areflexia and diminished small-fiber sensation radiating to lower thoracic region. MRI revealed a large syrinx spanning C1 through T11 associated with arachnoid web formation (figure). Her pain and weakness resolved after successful decompression of the syrinx. The spinal arachnoid web is an abnormal arachnoid membrane formation in subarachnoid space, sometimes causing subsequent syringomyelia. It is important to recognize that unilateral neurologic manifestations can be secondary to spinal arachnoid web, which can be treated surgically.1,2

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Disclosure
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Appendix Authors

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<tr>
<th>Name</th>
<th>Location</th>
<th>Contribution</th>
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<tbody>
<tr>
<td>Paula K.J. Lee, MD</td>
<td>Tufts Medical Center, Boston, MA</td>
<td>Drafted the manuscript for intellectual content, primary clinical care of the patient</td>
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<td>Revised and supervised the manuscript for intellectual content, clinical care of the patient</td>
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References
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