

Canadian Association of Neuropathologists

L'Association Canadienne des Neuropathologistes

CASE No 12

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A 52-year-old woman presented with decreased sensation in upper extremity, difficulty walking and specifically having trouble lifting her right leg off the ground. MRI revealed an intramedullary mass in the cervical spinal cord involving C1-C2 segment. In March 2009, tumor resection was performed. Post operatively she developed constant pain in her right shoulder and pain in both the lower extremities. She also developed weakness and numbness in both lower extremities. Post operative MRI showed myelomalacia of the cervical spinal cord at C2 level and adhesion of the cervical spinal cord with the posterior meninges at the same level. After 7 months of rehabilitation, she had significant improvement of her pain and weakness except for her left leg which is still weak. Subsequent MRI of the brain (Dec, 2011) showed no signs of tumor recurrence. In 3 years of follow up, she is doing well.

Material submitted: Single H&E slide (to be scanned)

Questions:    Diagnosis?