

Canadian Association of Neuropathologists
L'Association Canadienne des Neuropathologistes

CASE No 6

F. AlSufiani¹, M. Shkrum², D. Ramsay¹

¹Division of Neuropathology, London Health Sciences Centre, London, ON;

²Division of Forensic Pathology, London Health Sciences Centre, London, ON

This two month-old baby boy (corrected gestational age 41 weeks) was born at 33 weeks gestational age. He required ventilator support and subsequently developed a persistent pneumothorax, which was treated with a pleurodesis. The baby was also edematous, which was associated with unexplained hypoproteinemia. Other metabolic abnormalities included hypocalcemia and hypochloraemia. His subsequent hospital course was complicated by sepsis (*Serratia* species were cultured from the sputum and urine), persistent unexplained hypotonia, grade 1 intraventricular bleeding without hydrocephalus, and a small left subdural hematoma.

The gross general autopsy findings included pleural adhesions and pulmonary congestion.

Material submitted: spinal cord – LFB/HE stained slide.

Question: Diagnosis?