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Graph shows raw data from isoinertial testing of three representative study participants. The blue line represents the real-time torque values measured at the level of finger extensors. The orange line represents neck position, with positive values corresponding to neck flexion and negative values to neck extension. The 10 peaks of the line correspond to five paired trials, sequentially performed with neck extension and flexion. A. Tracings from a patient with multiple sclerosis show higher torque values with neck extension and lower values with flexion. B and C. Tracings from a healthy control (B) and a patient with another myelopathy (C) show nearly uniform torque values regardless of neck position.