

Control group (n=9)	Procedure or previous history associated with foot drop
Patient 1	Femoral artery embolectomy and fasciotomy due to compartmental syndrome secondary to femoral thrombosis
Patient 2	Tibial precise nail insertion
Patient 3	Cardiac surgery
Patient 4	Spondylolisthesis surgery with fixation (bilateral foot drop)
Patient 5	Cardiac arrest
Patient 6	Hereditary neuropathy with pressure palsies <i>PMP22</i> gene deletion
Patient 7	Charcot-Marie-Tooth disease-2A1 associated with <i>MFN2</i> gene variant (bilateral foot drop)
Patient 8	Traumatic radiculopathy
Patient 9	Sciatic nerve lesion
COVID group (n=7)	
Patient 1	Prolonged admission after stroke
Patient 2	Cardiac surgery
Patient 3	Osteotomy
Patient 4	Surgery of fibula telangiectatic osteosarcoma
Patient 5	Hereditary neuropathy associated with <i>HINT1</i> gene variant
Patient 6	Acute inflammatory demyelinating polyneuropathy (Guillain-Barré syndrome)
Patient 7	Chemotherapy induced polyneuropathy (history acute lymphocytic leukemia)
COVID prospective group (n=1)	
Patient 1	Charcot-Marie-Tooth disease-1A associated with <i>PMP22</i> gene duplication

Supplementary Appendix: Patients referred with foot drop and reason for exclusion from the analysis. Nine patients from the Control group, 7 patients from the COVID group, and 1 patient from the COVID prospective group.