

5th Congress of the European Academy of Neurology

Oslo, Norway, June 29 - July 2, 2019

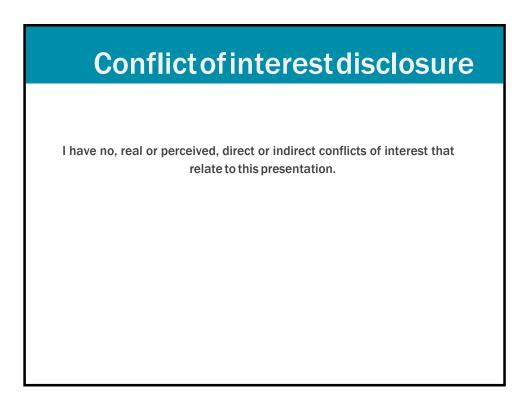
Hands-on Course 2/6

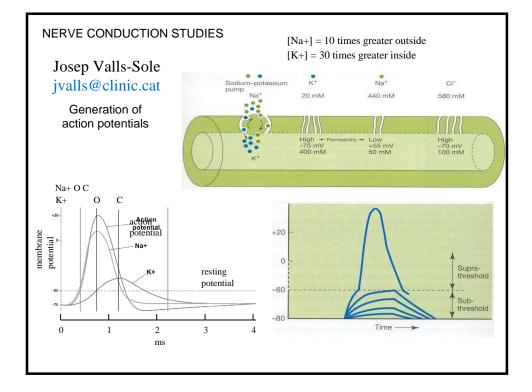
Nerve conduction studies (Level 1)

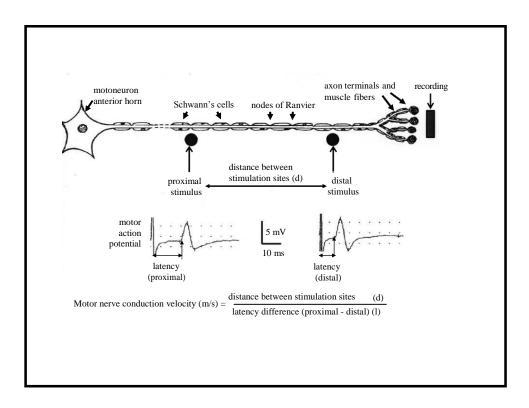
Motor and sensory nerve conduction studies. F-wave

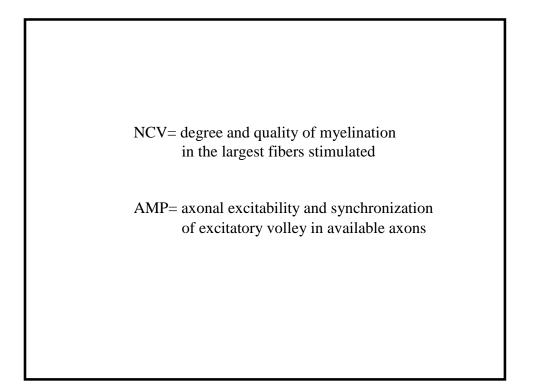
Josep Valls-Sole Barcelona, Spain

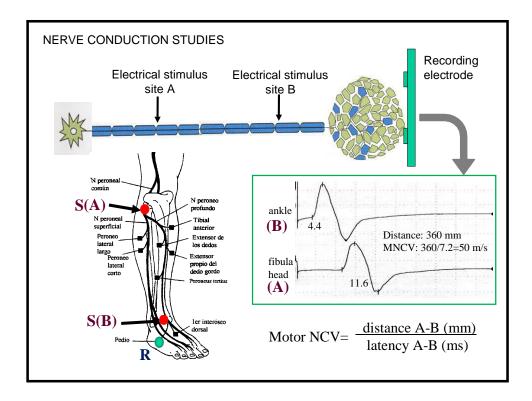
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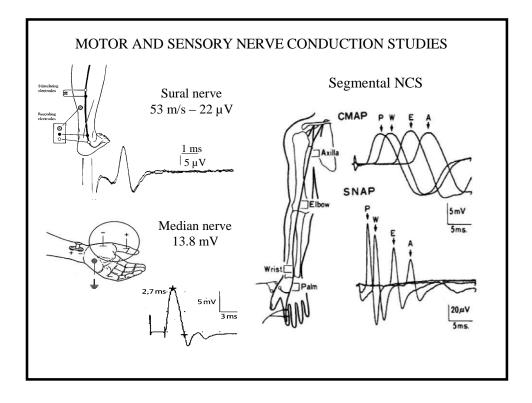


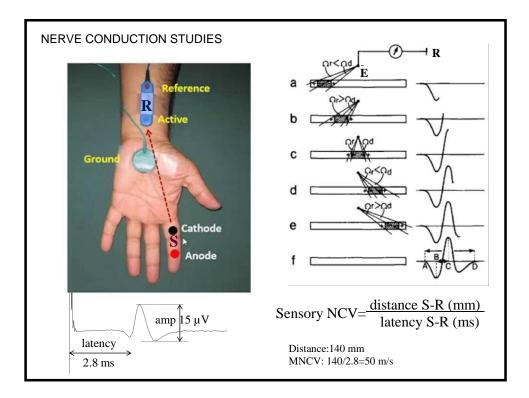


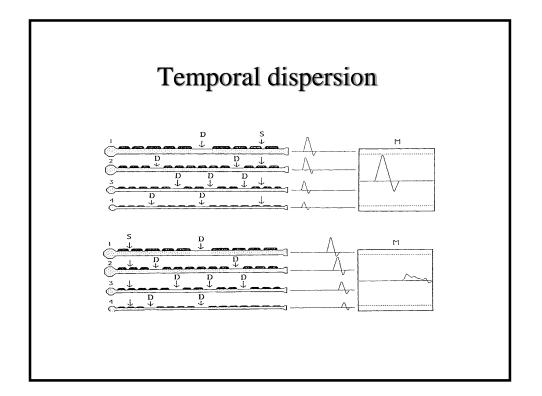


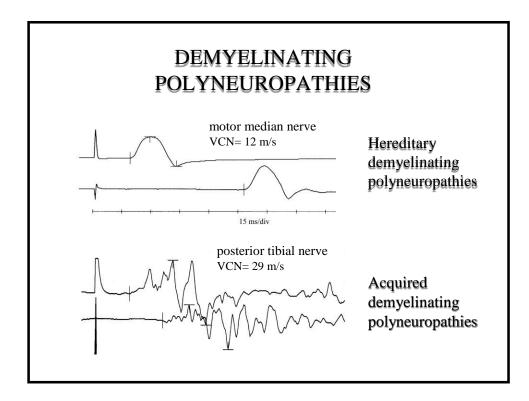












 Reduced conduction velocity in 2 or more nerves: <75% of LLN.* Partial conduction block or abnormal temporal dispersion in 1 of <70% P/D ratio.† 	or more nerves:
 2. Prolonged distal latency in 2 or more nerves: >130% of ULN.‡ 4. Prolonged F-wave latency in 1 or more nerves: >130% of ULN. Meulstee et al., JNNP 1995 	Van den Bergh et al., 2011 >/=50 percent prolongation of motor distal latency above the ULN in two nerves
Table 3 Criteria for primary demyelination Proposed and tested set: one of the following abnormalities in at least two nerves should be demonstrated. 1 DML > 150% of ULN 2 m-NCV < 70% of LLN	<pre>>/=30 percent reduction of motor conduction velocity below the LLN in two nerves >/=20 percent prolongation of</pre>
duration > 300% ULN 6 Abnormal temporal dispersion: distal to proximal CMAP duration ratio > 150% of ULN DML = distal motor latency; ULN = upper limit of normal; m-NCV = motor nerve conduction velocity; LLN = labora- tory limits of normal; s-NCV = sensory nerve potential; CMAP = compound muscle action potential; SP = single pattern.	F-wave latency above the ULN in two nerves, or >50 percent if the amplitude of the distal negative peak CMAP is <80 percent of the LLN

