



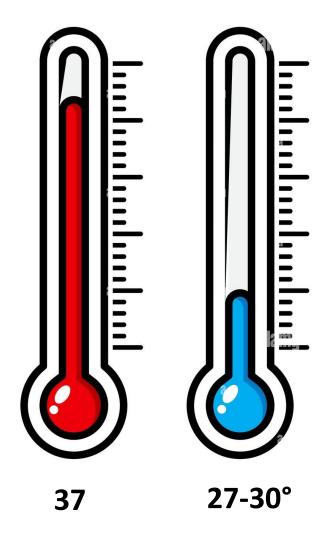




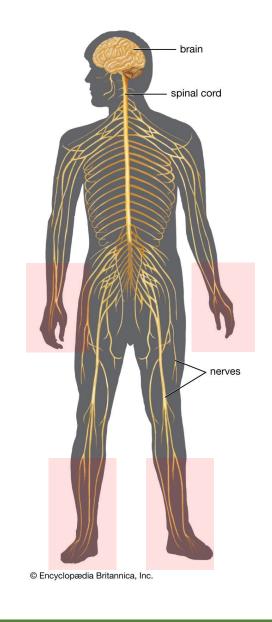
Corso di formazione teorico-pratico per la diagnosi corretta della malattia di Hansen

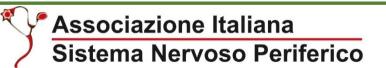
25-26 0TT0BRE 2024

NAPOLI P.O. dei Pellegrini Asl Napoli 1 Centr





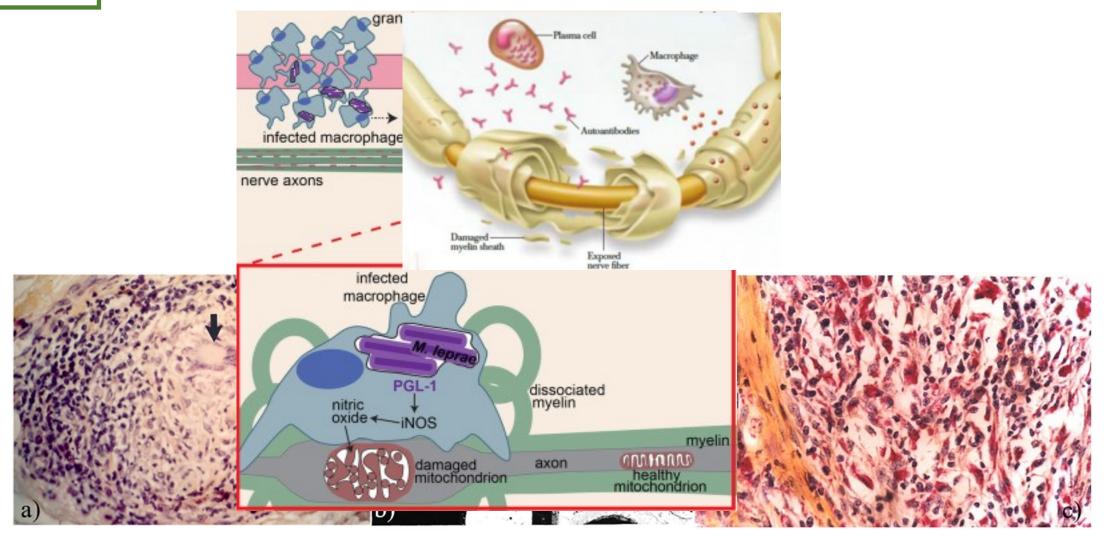








Patogenesi



S.V. Khadilkar et al. 2021



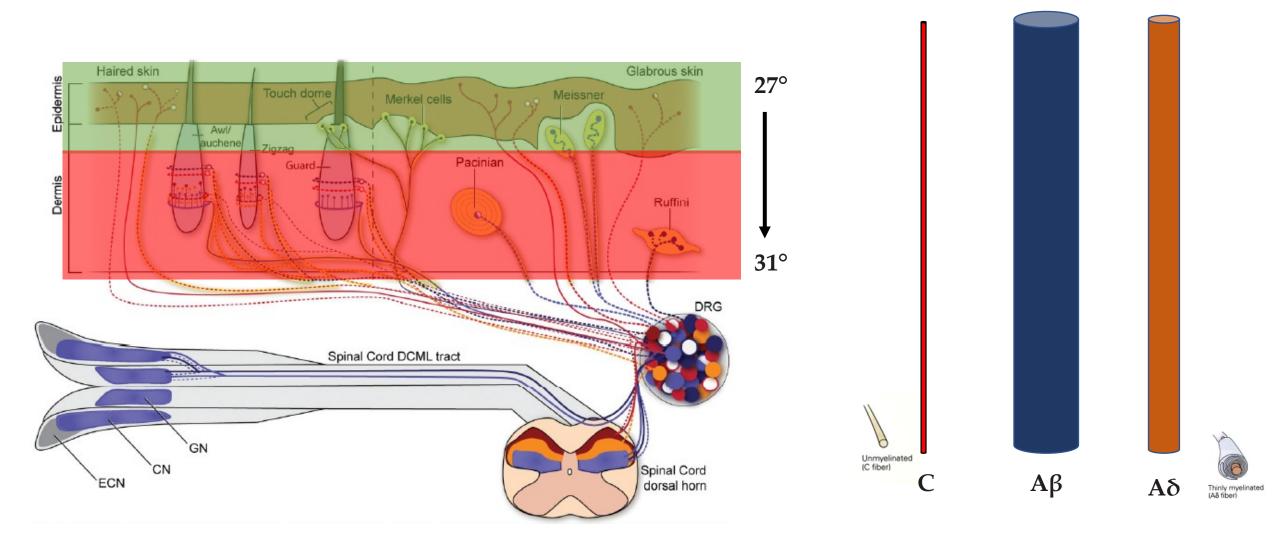








La Neuropatia: la via del freddo







Sintomi Negativi

- Intorpidimento
- Ipoestesia
- Anestesia
- Anidrosi
- Deficit motori



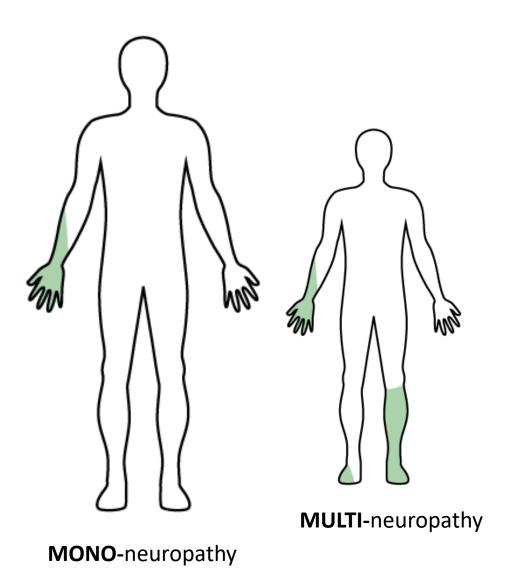
Sintomi Positivi

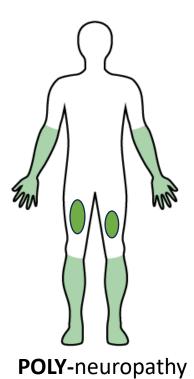
- Parestesie
- Dolore neuropatico
- iperidrosi

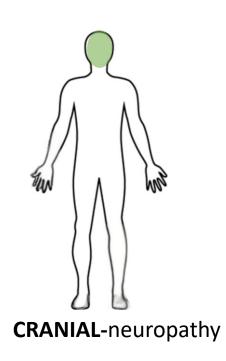


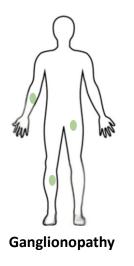


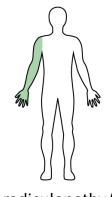




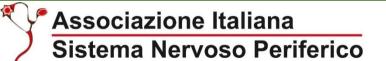






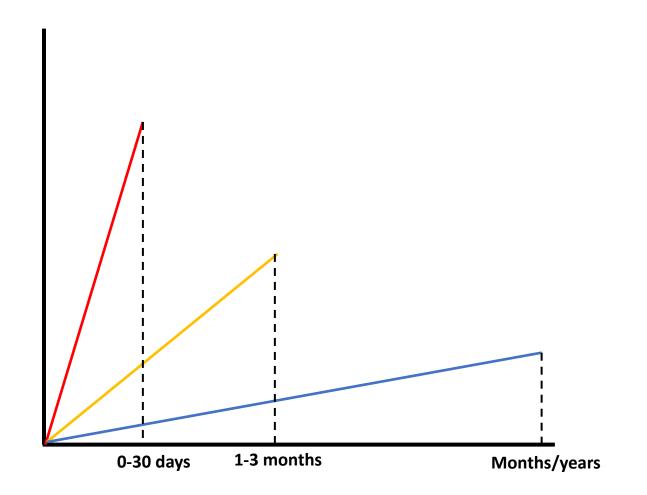


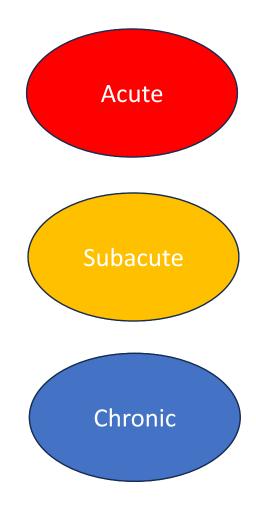
radiculopathy/ plexopathy





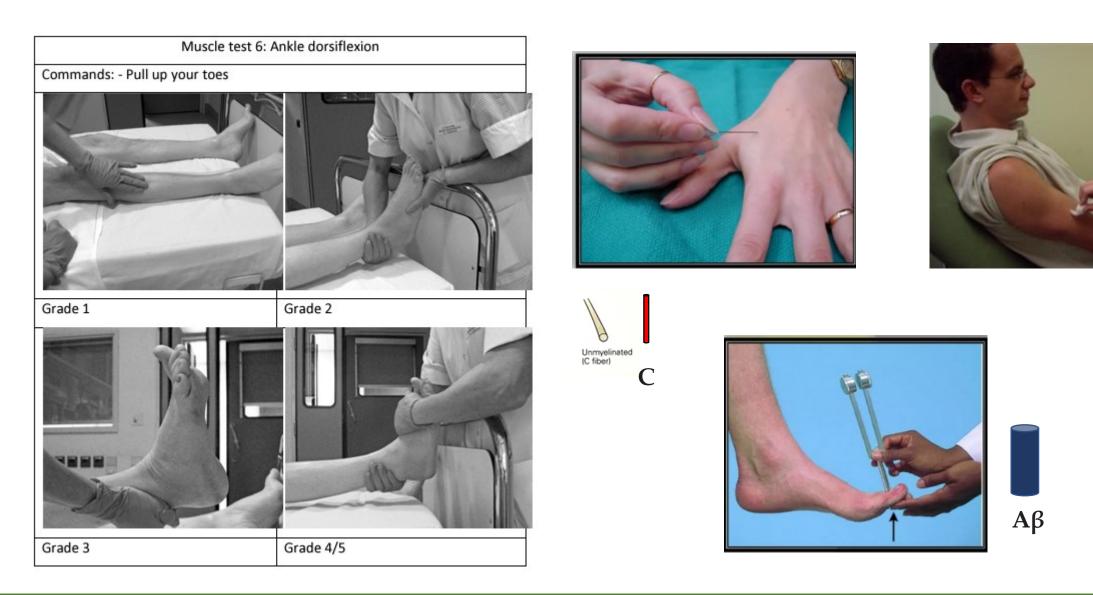








L'esame Neurologico

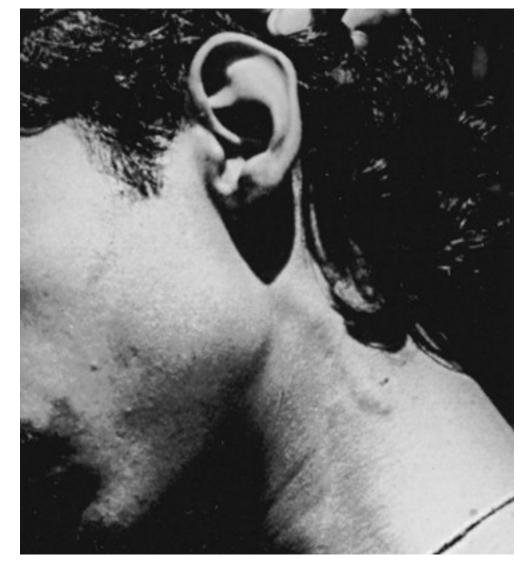




 $A\delta$



Gorbach SL, Bartlett JG, Blacklow NR. Infectious Diseases, 3rd Ed. Philadelphia, Lippincott Williams & Wilkins, 2004.



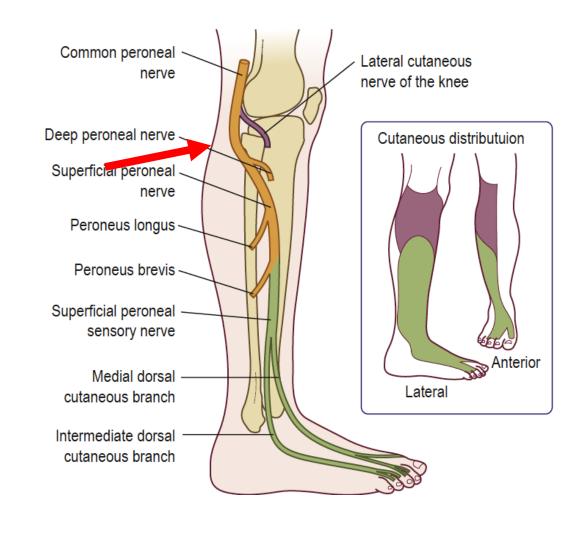
Enlargement of the great auricular nerve in leprosy





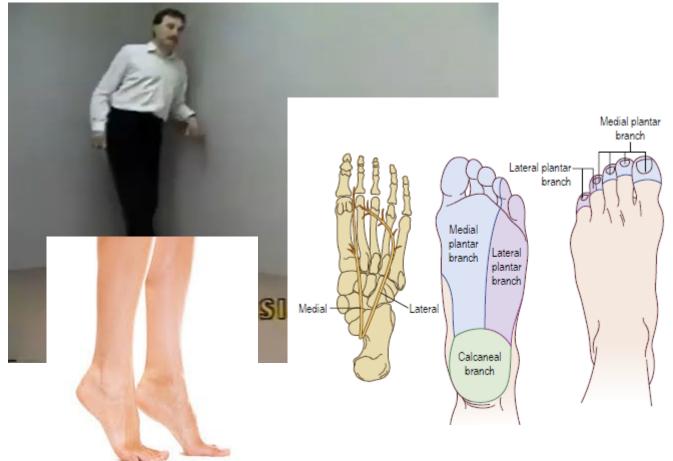
Nervo sciatico popliteo esterno (SPE) 90%

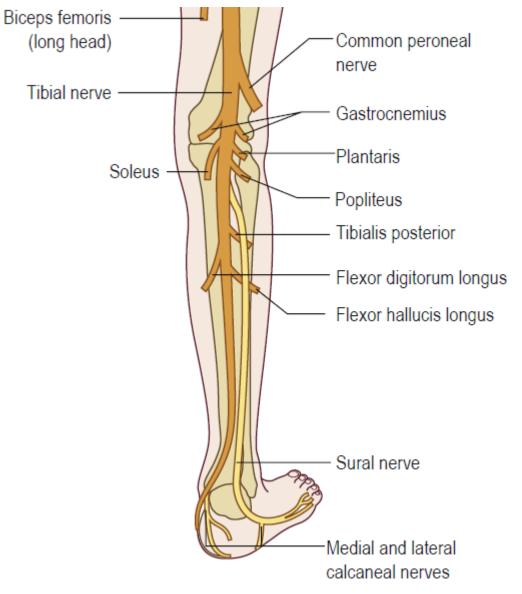


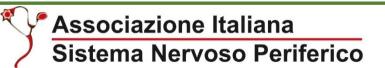




Nervo tibiale posteriore 55%



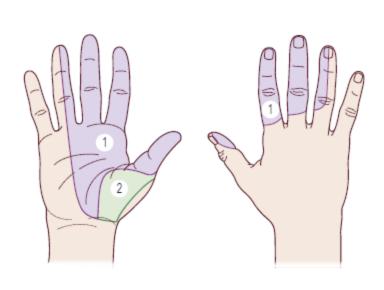




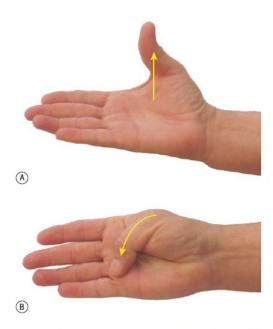


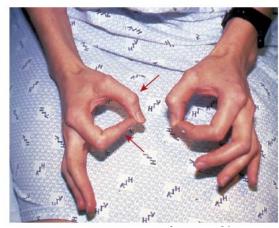


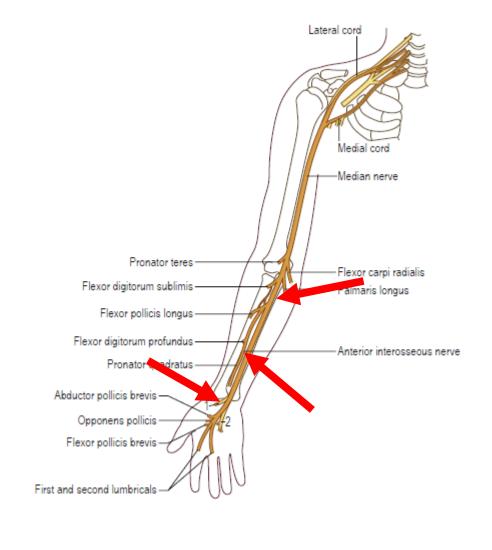
Nervo mediano 40%







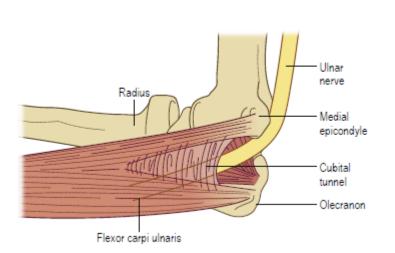


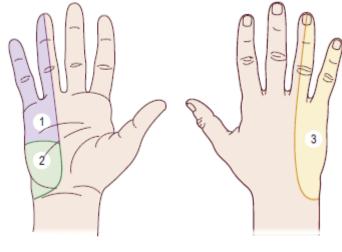


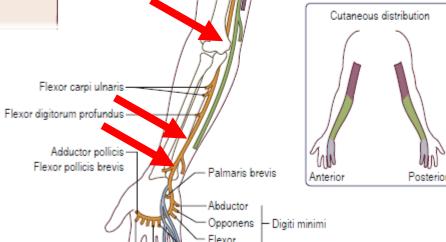




Nervo Ulnare 35%







-Third and fourth lumbricals -Palmar and dorsal interossei

Med. brachial cutaneous nerve

Med. antebrachial cutaneous nerve

Ulnar nerve





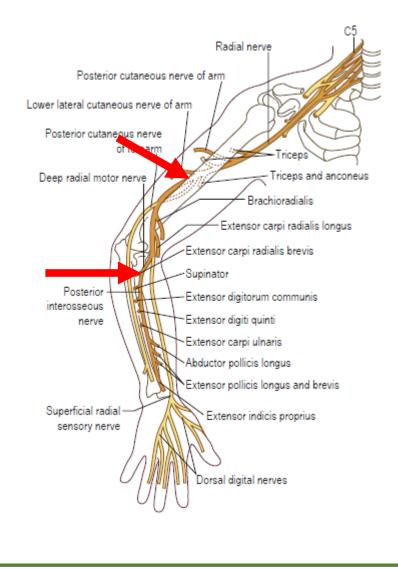




Nervo Radiale 20%









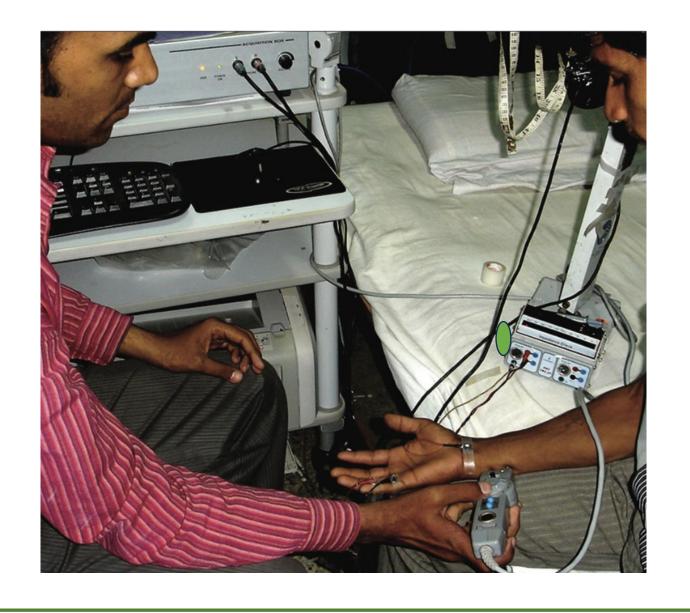


Lo studio elettrofisiologico

Quale ruolo?

- Diagnosi
- Diagnosi differenziale
- Prognosi
- Follow-up
- Monitoraggio risposta terapeutica
- Effetti collaterali terapia

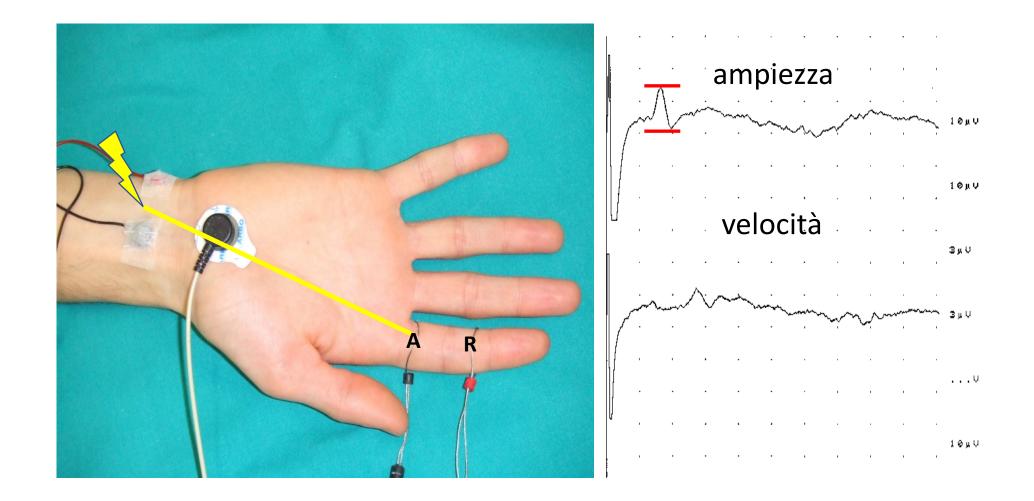








Neurografia sensitiva

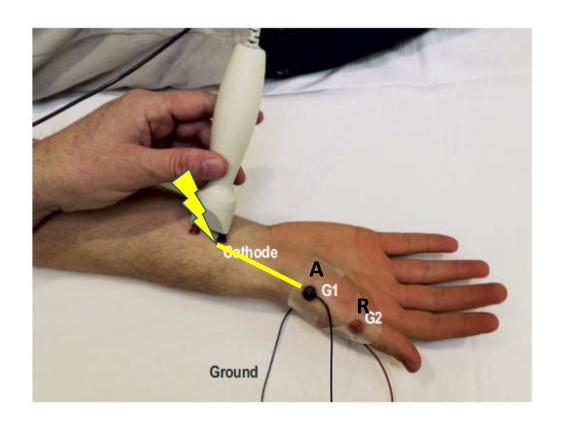


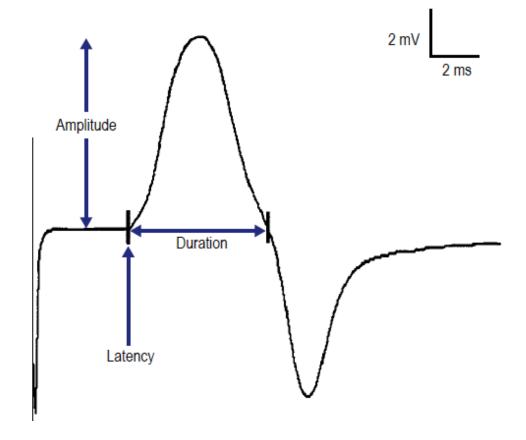




Lo studio elettrofisiologico

Neurografia motoria

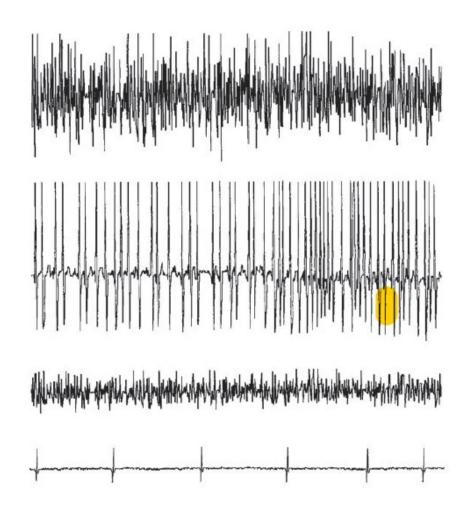






Elettromiografia





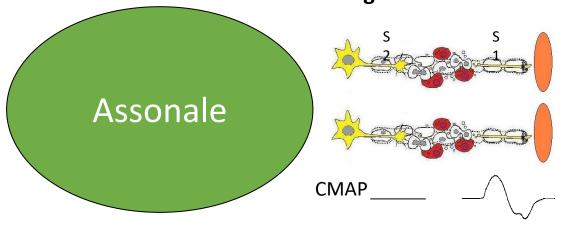


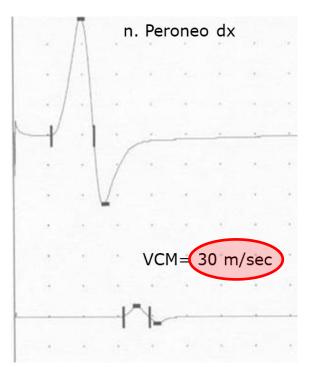


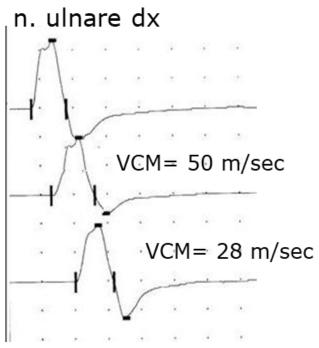
Degenerazione assonale

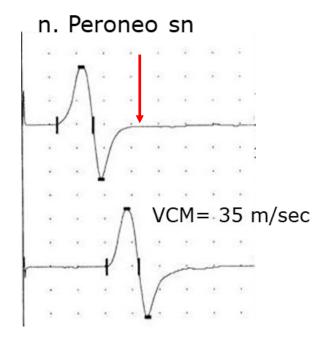
Demielinizzante







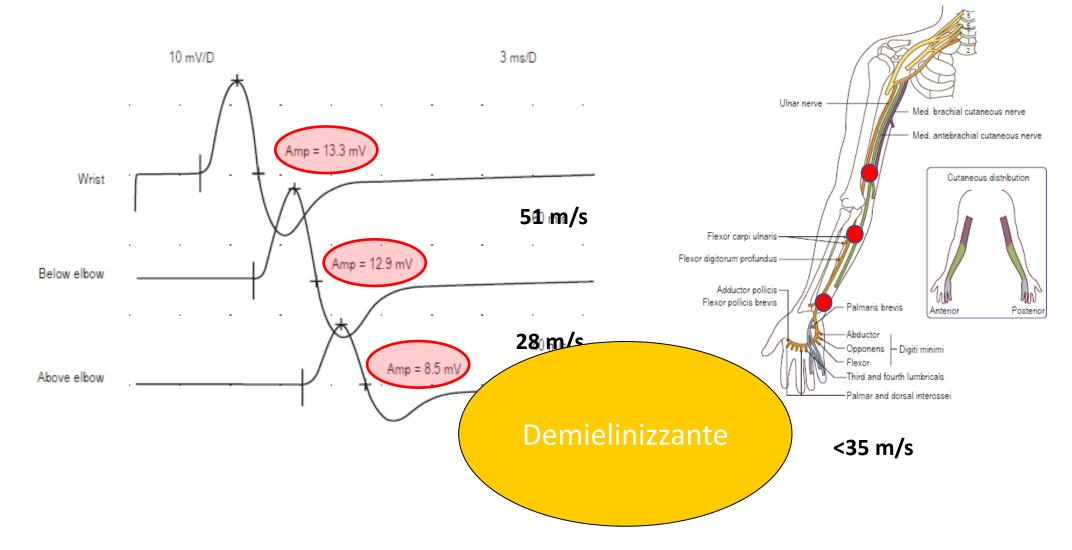








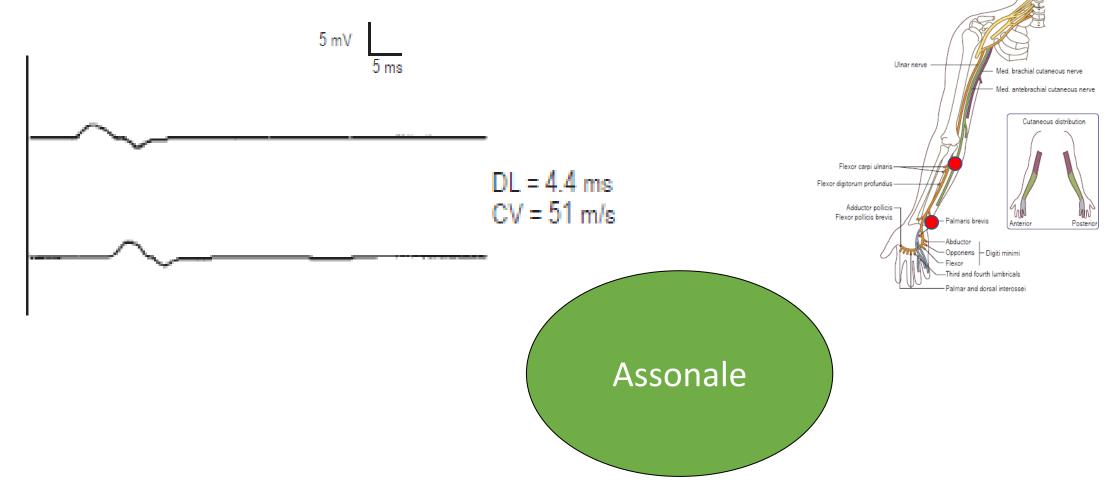
Rallentamento della velocità di conduzione nervosa





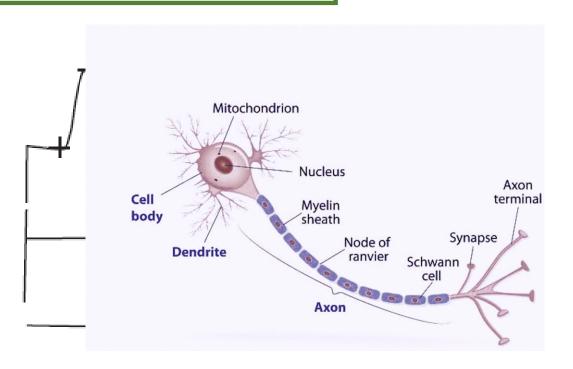


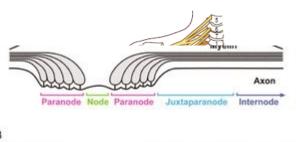
Riduzione d'ampiezza del potenziale motorio

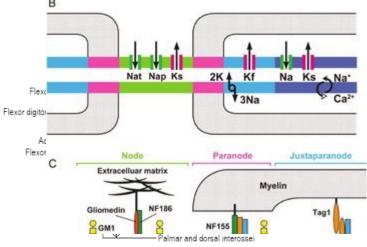


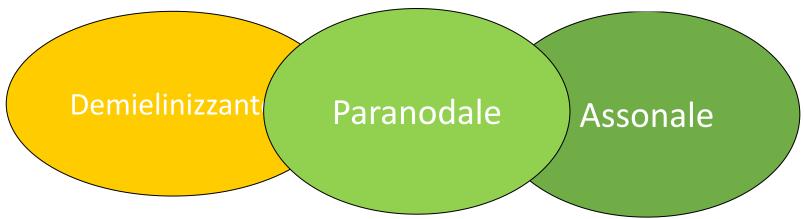








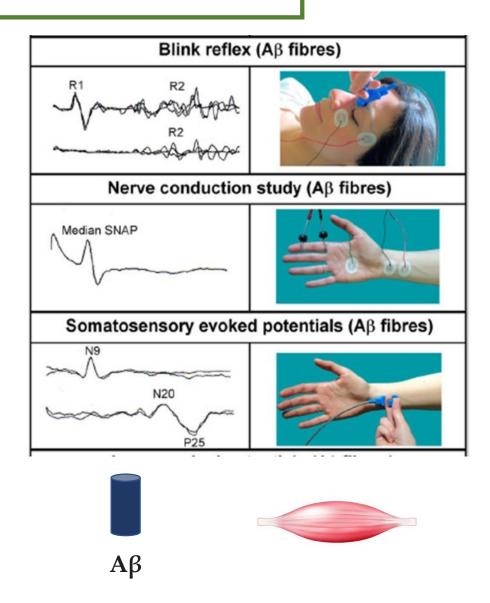


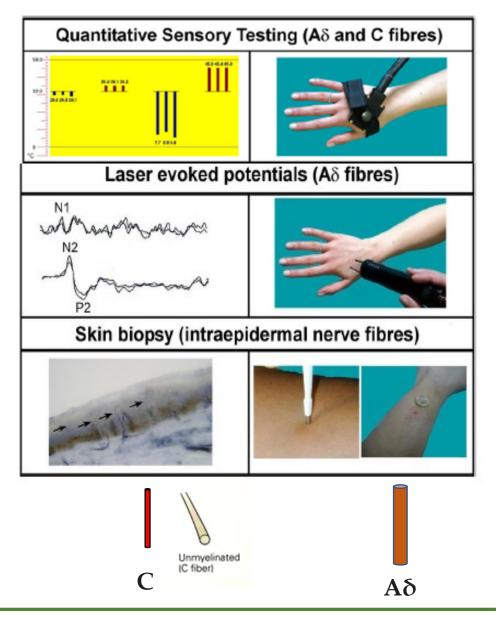


















Novità_l'ecografia di nervo

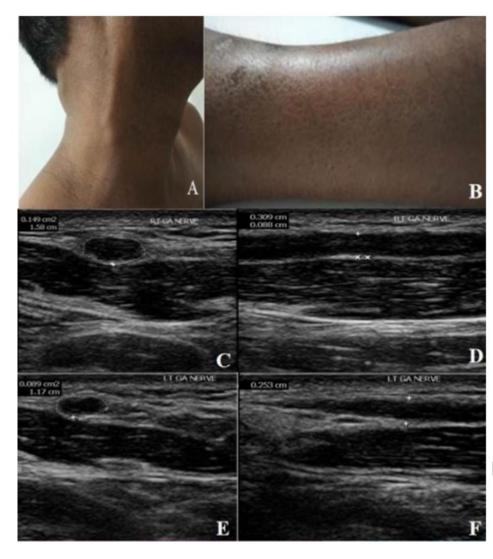


Akita et al 2021





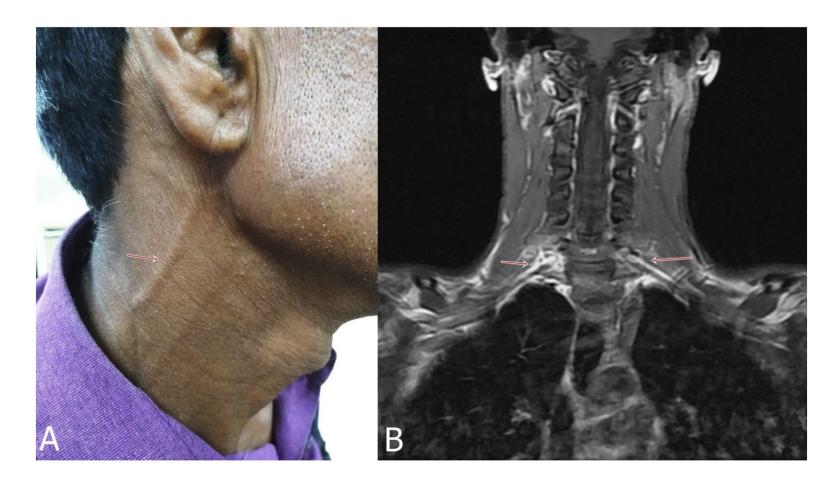
Novità_l'ecografia di nervo



Reddy et al 2022



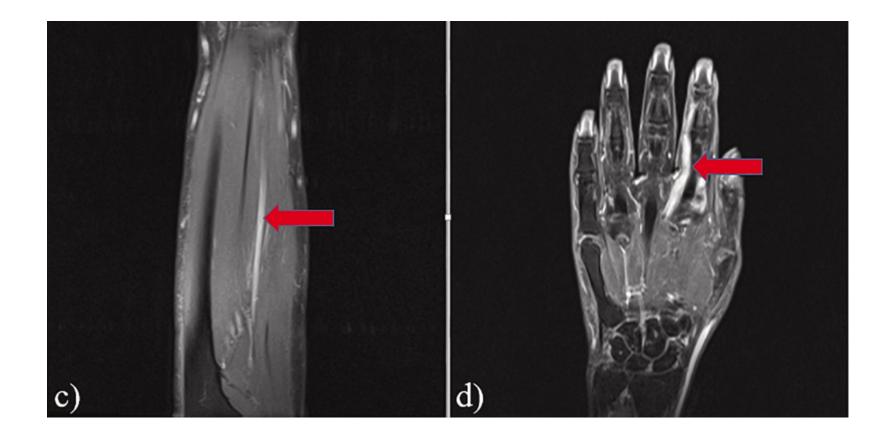
Novità_Risonanza magnetica



Garg et al 2022

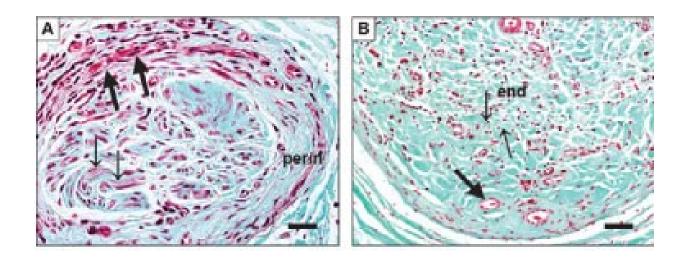


Novità_Risonanza magnetica









Cruz et al 2012



Terapia: focus sulla neuropatia

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journal homepage: www.elsevier.com/locate/diagmicrobio



Pure neuritic leprosy: Latest advancements and diagnostic modalities Diagnosis of Pure Neuritic Leprosy

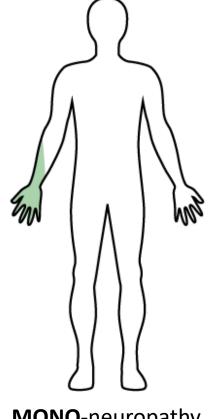
Nadia Razdan a,b, Barghavi. Va, Soumi Sadhu a,*

ARTICLE INFO

Keywords: Pure neuritic leprosy (PNL) Acid-fast bacilli (AFB) Nerve biopsy Multiplex polymerase chain reaction (M-PCR) Nerve conduction studies (NCS) High-resolution ultrasonography (HRUS) Non-invasive techniques

ABSTRACT

Pure neuritic leprosy (PNL) is characterized by exclusive peripheral neuropathy without dermatological alterations. Diagnosis is difficult since skin lesions and acid-fast bacilli (AFB) in slit smears are absent. Presently, the gold standard for diagnosis is the histopathological examination of peripheral nerve biopsy. Even then, the detection of bacteria is difficult, and histological findings may be non-specific. Nerve biopsy is an invasive procedure that is possible only in specialized centers and limited to certain sensory nerves. Therefore, the establishment of serological, immunological, and molecular laboratory tests could be more beneficial for diagnosing pure neuritic leprosy to achieve effective treatment and reduction in its consequent disabilities. This review suggests that the presence of Mycobacterium leprae (M.leprae) in PNL cases can be proven by using noninvasive procedures, viz., multiplex polymerase chain reaction (M-PCR), serological findings, immunological profiling, and improved nerve-imaging. Findings also indicate the necessity for improving the sensitivity of PCR and further research on specificity in ruling out other clinical conditions that may mimic PNL.



MONO-neuropathy







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^b Stanley Browne Research Laboratory, TLM Hospital, Shahdara, Delhi, India

Terapia: focus sulla neuropatia

National Hansen's Disease Program (NHDP)*[1,2]		
Regimen	Dose	Duration
Tuberculoid ("paucibacillary"): TT and BT		
Dapsone	100 mg once daily	12 months
Rifampin*	600 mg once daily	
Lepromatous ("multibacillary"): LL, BL, BB		
Dapsone [¶]	100 mg once daily	24 months
Rifampin*	600 mg once daily	
Clofazimine [∆]	50 mg once daily	

Nerves Something happens to the skin:



