

# **Concise Textbook of Skin Biopsy Study in Leprosy**



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### **Borderline Neuritis**

- Perineural thickening
- Infiltration of the nerve with macrophages, epithelioid cells and lymphocytes.
- Reactive phase – exacerbation of the inflammatory granuloma edema increase in inflammatory cells

### **Lepromatous Neuritis**

- Bilateral, symmetrical cutaneous nerves are affected.
- Earliest change – presence of large no of bacilli inside Schwann cells.
- Schwann cells surrounded by dense collar of connective tissue
- Proliferation of perineural cells destruction of nerve parenchyma
- Perineurium and endoneural- fibrosis with replacement of nerve tissue by collagen

### **References**

1. IAL Textbook of Leprosy
2. Hastings textbook of leprosy
3. Lever's histopathology of the skin
4. Maize cutaneous pathology



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