

- Humeral shaft fractures, 14% is complicated by radial nerve.

- Displaced osseous fragments.
- stretching
- Manipulation.

SECONDARY INJURY:-

- Results from involvement of nerve by infection, scar, callus or vascular complications with may be hematoma • AV fistula, Ischemia or aneurysm

CLASSIFICATION:-

- Seddon classification
- Lundberg classification

SEDDON CLASSIFICATION:-

1. Neuropraxia:-

- Minor contusion or compression with preservation of axis-cylinder of myelin sheath.
- Impulse transmission physiologically interrupted
- complete recovery in a few days to weeks.

• Axonotmesis:-

- More significant injury.
- Breakdown of axon and distal Wallerian degeneration but with