

## P11

### **Mechanical thrombectomy & stroke in Pakistan**

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**Objective:** To share the initial experience of Mechanical Thrombectomy in acute Stroke Cases in Pakistan.

The Neuroradiology Department at Punjab Institute of Neuro Sciences, successfully treated first 25 patients suffering from Acute Ischemic stroke through Mechanical Thrombectomy directly.

In Punjab Institute of Neuro Sciences, we respect the following criteria when accepting patients for mechanical thrombectomy; Age – No Restriction, Time Window – No Restriction even with fluctuating symptoms or wake-up strokes – rely on imaging to make the decision to accept the patient, Clot Location – All proximal occlusions (up to M2, PCA, ACA).

**Exclusion Criteria:** MCA occlusions distal to the sylvian point if IV lysis given, patients with completed infarct (no penumbra on CTP), patients with no collaterals seen on CTA and > 80 years, Patients in COMA > 6 hours.

CT & CTA remain the neuro imaging to access the ASPECT SCORE >5 & Patency of cervical ICA, Clot Location & Collaterals (present).

**Conclusion:** Our initial experience with 25 patients shows through direct mechanical thrombectomy, effects of an Ischemic stroke may be reversed and give better outcome.