



§ Department of Neuro-Medicine, BIN, IPGME&R and SSKMH

# **SPECTRUM OF CNS TUBERCULOSIS: CLINICORADIOLOGICAL AND THERAPEUTIC FACTORS IN OUTCOME VARIABILITY**

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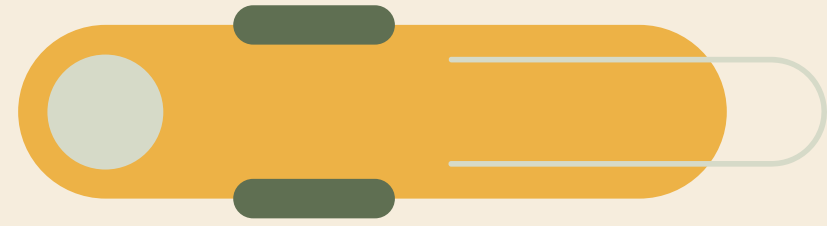


# MATERIALS & METHODS

- ⊕ Hospital based single centre prospective observational study
- ⊕ Sample size- at least 50 patients attending BIN OPD or IPD

- ⊕ DURATION- 1.5 years
- ⊕ Follow up at 3 months, 6 months, if feasible at 9 months or 1 year
- ⊕ All clinical, radiological and microbiologically confirmed CNS Tuberculosis
- ⊕ Data analysed by appropriate statistical tests





# RESULT & CONCLUSION

- ⊕ **21** patients enrolled till now
- ⊕ **10** patients have Tuberculoma with meningitis doing well with conventional Tx
- ⊕ **6** patients of multiple CNS & Spinal Tuberculoma not responding to Tx-host directed immunotherapy
- ⊕ **4** patients of Opticochiasmatic involvement have very poor prognosis in terms of V/A
- ⊕ **3** patients with TBM, HCP, vasculitic infarct expired
- ⊕ Currently all patients are under regular follow up.

- ⊕ CNS Tuberculosis varied manifestations and outcome
- ⊕ Clinical and Radiological poor prognostic factors include
  - ↳ Opticochiasmatic involvement
  - ↳ Hydrocephalus
  - ↳ Spinal arachnoiditis
  - ↳ Vasculitis
  - ↳ Disseminated CNS tuberculosis
- ⊕ Conventional treatment is sometimes not enough

THANK YOU !!