

DATE: 9/7/25

TOPIC: Emerging Fusion-Associated Mesenchymal Tumours: A Tabular Guide & Appraisal of Five 'Novel' Entities

PROGRAMME: Journal club

PRESENTER: Dr. Shivangi .J.Sindhe

MODERATOR: Dr.J.Thanka

SUMMARY: Advances in Molecular Pathology: Novel gene fusions challenging sarcoma classification (WHO 5th ed).

- Emerging Entities: CCSTL, GAB1::ABL1 spindle cell neoplasm, NUTM1-, NR1D1-rearranged sarcomas, CCMN.
- CCSTL: YAP1::TFE3 fusion, haemangioblastoma-like, adult predominance, rare metastasis.
- GAB1::ABL1 Neoplasm: Hypocellular, fibromyxoid, pediatric predilection, no metastases.
- NUTM1-Rearranged Sarcomas: Aggressive, wide age range, frequent metastases, NUT protein marker.
- NR1D1-Rearranged Sarcomas: Rare, epithelioid, keratin positive, high metastasis, poor prognosis.
- CCMN: FN1 fusions (e.g., FN1::FGFR2), benign but locally aggressive, distinctive calcifications.

