

Somatic Variant Interpretation & Actionability (OncoKB/CIViC) — Hands-on

Turn somatic variant calls into clear, clinically actionable insights. This module trains you to apply AMP/ASCO/CAP and ESCAT tiering, leverage knowledge bases (OncoKB/CIViC), synthesize therapy, diagnostic and prognostic evidence, and communicate findings for tumor boards and clinician-facing reports.

Somatic Variant Interpretation & Actionability (OncoKB/CIViC)

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Session Index **Category 5 · Clinical & Translational
Bioinformatics**

[Session 1 — Frameworks, Tiers & Evidence](#) [Session 2 — Using OncoKB/CIViC in Practice](#) [Session 3 — Biomarkers, Resistance & Context](#) [Session 4 — Reporting, Tumor Boards & QA](#)

Session 1

Fee: Rs 16520 [Apply Now](#)

Frameworks, Tiers & Evidence

Guidelines & tiering

[AMP/ASCO/CAP](#) [ESCAT \(ESMO\)](#) [evidence levels](#)

Evidence appraisal

[therapeutic/diagnostic/prognostic](#) [trial phases](#) [tumor
type specificity](#)

Nomenclature & harmonization

HGVS & transcript choices **oncogenicity tags** **variant groups**

Session 2

Fee: Rs 20720 Apply Now

Using OncoKB/CIViC in Practice

Curation workflows

KB lookups & citations **conflict reconciliation** **audit trails**

Tiering & evidence calls

tumor-specific vs agnostic **line of therapy** **regulatory status (high-level)**

Automation & pipelines

annotation (VEP/OncoKB API) **filters & overrides** **template snippets**

Session 3

Fee: Rs 24920 Apply Now

Biomarkers, Resistance & Context

Global biomarkers

TMB/MSI (overview) **HRD & LOH (high-level)** **fusion drivers**

Co-occurrence & resistance

primary vs secondary **subclonality/VAF** **tumor heterogeneity**

Tumor type & line-of-therapy context

FDA/EMA labels (non-promotional) **trial-matching signals** **contraindications**

Session 4

Fee: Rs 30520 Apply Now

Reporting, Tumor Boards & QA

Report templates & language

tiers & evidence statements **limitations/uncertainties**
citations & versioning

Tumor board communication

case summaries **discussion points** **follow-up items**

QA, governance & audits

SOPs & change control **curation logs** **re-analysis**
cadence