

## Capstone — Clinical Genomics Case Series — Hands-on

Apply concepts from the entire clinical genomics track on anonymised, teaching purpose case series. Participants will sketch intake details, outline pipelines, review variant level summaries, and prepare structured clinical style reports and board style summaries. Content is for training and awareness only and is not a substitute for professional medical, legal, regulatory or diagnostic decision making.

## Capstone — Clinical Genomics Case Series

[Help Desk](#) · [WhatsApp](#)

### Session Index

[Session 1 — Case Intake, Phenotypes & Test Planning](#) [Session 2 — Pipeline Sketch & Variant Triage](#) [Session 3 — Interpretation, Evidence & Reporting Draft](#) [Session 4 — Mini Tumour Board & Case Series Reflection](#)

### Session 1

**Fee: Rs 8800** [Apply Now](#)

### Case Intake, Phenotypes & Test Planning

Anonymised case summaries and clinical questions

[oncology and rare disease style cases](#) [core clinical background snapshot](#) [what the referrer wants to know idea](#)

Phenotype capture and structured problem framing

[HPO style phenotypes mindset](#) [key timelines and prior investigations](#) [family, ancestry and risk factors snapshot](#)

High level test and panel selection reasoning

**WES, WGS, panel and RNA choices (conceptual)**  
**germline vs somatic mindset** **expected yield and**  
**limitations snapshot**

## **Session 2**

**Fee: Rs 11800** Apply Now

### **Pipeline Sketch & Variant Triage**

From raw data to variant tables: conceptual pipeline map

**alignment, calling and QC checkpoints** **annotation**  
**and knowledge base links idea** **audit trail and**  
**reproducibility snapshot**

Initial triage and filtering thinking for each case

**frequency, consequence and quality filters**  
**inheritance or tumour only pattern assumptions**  
**shortlist of candidate variants snapshot**

Preparing a case wise triage summary grid

**variants, genes and evidence columns** **phenotype and**  
**pathway hints** **flags for deeper review**

## **Session 3**

**Fee: Rs 14800** Apply Now

### **Interpretation, Evidence & Reporting Draft**

Variant level reasoning using ACMG AMP style ideas

**pathogenicity evidence clues (conceptual)**  
**population, computational and functional hints**  
**segregation and phenotype matching snapshot**

Therapeutic and management relevance thinking

**actionability tiers concept** **guideline and trial**  
**references snapshot** **gaps to discuss with clinicians**

Drafting a structured report skeleton for one case

**indication, methods and limitations** **key findings and interpretations** **summary for non technical readers**

#### **Session 4**

**Fee: Rs 18800** Apply Now

### Mini Tumour Board & Case Series Reflection

Presenting a case to a board style audience (training)

**Theory + Practical**

Short presentation structure and discussion prompts

**clinical question and key findings** **options, caveats and alternatives snapshot** **questions for clinicians and counselors**

Reflection across the case series and track

**what worked well in pipelines and reporting** **common pitfalls and rescue strategies** **personal learning and next steps checklist**