

KEY FACTS

- Clinical trials: Phase 1 (healthy, safety) → Phase 2 (patients, effectiveness) → Phase 3 (large-scale, double-blind)
- Double-blind: BOTH patient and doctor unaware → prevents bias + placebo effect
- Cancer: mutations in cell cycle genes → uncontrolled division

KEY TERMS

Double-blind	Neither patient NOR doctor knows treatment — prevents bias
Placebo	Inactive dummy treatment — comparison in trials
Malignant	Cancerous — invades tissue, can metastasise

■ EXAM TIP: Phase 1 = HEALTHY volunteers + SAFETY. Phase 2 = patients + effectiveness. Double-blind = BOTH sides unaware.