

Introduction:

W	Wash Hands
I	Introduce Yourself + Check Patient's Identity
P	Permission
P	Patient Position + Pain
E	Explain + Expose Clinical Area

Patient must be placed at 45° with *chest and limbs* exposed

Attach Tabs:

Chest Leads:

V1 + V2	4 th Intercostal Space	Right (V1) + Left (V2)
V4	5 th Intercostal Space	Mid-clavicular line
V3	Half-way between V2 + V4	
V5 + V6	V4 Horizontal Plane	Anterior (V5) + Mid-Axillary (V6) Line

Limb Leads:

RA + LA	Proximal to Wrist	Palmar Side (Ventral Aspect)
RL + LL	Proximal to Ankle	Antero-lateral Aspect

All tabs should face down *except for legs which should face upwards*

Attaching Cables:

Place the box attached to electrodes between the patient's legs

Sort and tidy Limb + Chest leads

Chest Leads: Connect V1-V6

Limb Leads: Connect RA→LA→LL→RL

Red→Yellow→Green→Black

Check all leads are connected and displayed on screen

Cover Patient

Recording ECG:

Enter Patient Details + Check Against Wristband

Ask patient to remain still

Record ECG

Tidy-up:

Disconnect electrodes + place neatly on machine

Remove all tabs

Sit patient up and help them dress

Thank patient and reverse WIPPE

Interpreting ECG:

Errors:

Incorrect Chest Leads:

Incorrect Limb Leads:

Wandering Trace:

Electrical Interference:

Pathologies:

Regular Sinus Rhythm

Sinus Tachycardia

Atrial Fibrillation

ST Elevation MI (STEMI)

Ventricular Tachycardia

Heart Block I,II,III

AV Node Re-entrant Tachycardia/Paroxysmal Supraventricular Re-entrant Tachycardia

