3M™ Red Dot™ Electrodes

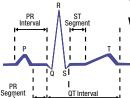
## 12-Lead Placement **Resting Electrodes**

RA: Second intercostal space lateral right side

**LA:** Second intercostal space lateral left side

**LL:** Lower left lateral chest or left leg

RL: Lower right lateral chest or right leg



**V1:** Fourth intercostal space to the right of the sternum

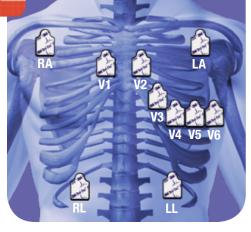
**V2:** Fourth intercostal space to the left of the sternum

V3: Between V2 and V4

V4: Fifth intercostal space along the mid-clavicular line

**V5:** Fifth intercostal space hetween V4 and V6

**V6:** Fifth intercostal space along the mid-axillary line









seconds (25mm/sec

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**Troubleshooting ECG Traces**Troubleshoot each artifact in order, starting with 1

Troubleshoot ductria drainet in order, starting with							
Artifacts	Skin Impedance	Muscle Movement	Electrical Continuity	Electrodes	Cabling	Interference	Equipment
No Base Line			Check all connections/ perform continuity check	4 Check for dry-out	Check for proper cable		Check lead switch and ECG machine set-up
Base Line Wander	3 Abrade skin	Stop patient movement	Check ground connections	Use same type of electrode at all sites	Check for proper cable	Check for static build-up	
AC Noise	3 Abrade skin	May be untreatable involuntary muscle tremor	Check ground connections	Check for dry-out	May need fully shielded cable and lead wires	<b>2</b> Keep cable away from AC cord	Turn off fluorescent lights and/or other equipment
Intermittent Signal			Check for loose connections	Check for loose electrode or dry-out	Perform continuity check	Check for static build-up	
Motion Artifact	2 Abrade skin	Move electrodes off muscle mass	Check for loose connections	Check for loose electrode or dry-out	Perform continuity check	Turn off fluorescent lights and/or other equipment	Check for proper EKG machine set-up
Low Amplitude	3 Abrade skin		Check all connections	Check for dry-out		5 Turn off radio, TV and/or other equipment	Check gain settings



