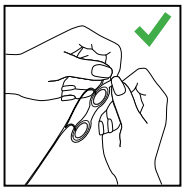
NISSHA MEDICAL TECHNOLOGIES

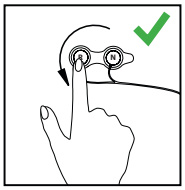
CLARAVUE®

DO'S

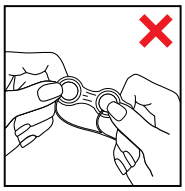
DON'TS

1 Electrode Placement



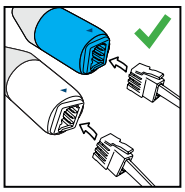


- Pull leads gently to adjust length
- Cut the paired electrodes, if needed
- Pull on the tab for easier removal
- When repositioning pairs, do so one at a time
- Prioritize R positioning for the R-N paired electrode

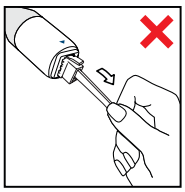


- Don't tear paired electrodes—this will damage the sensor
- Avoid yanking or pulling strongly when pulling leads apart
- Don't pull on only the leads when removing—wrap leads around hand
- Don't allow the release tab to fold over on to the gel

2 Cable Connection



- Align arrow to clip for connection
- Wrap leads around hand to remove easily
- Explain to the staff: Design prevents misconnection + defib recovery



- Avoid any tension on the leads
- Don't pull on only the leads when removing—wrap leads around hand
- Don't put the cable under the mattress. Patient movement can cause disconnection.

3 Equipment

- Check compatibility with equipment prior to placement

- Not MRI safe (connector has metal pins)

4 Procedures

- Train in-service with staff

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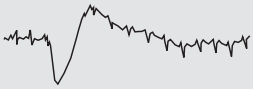
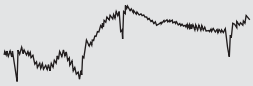
PROBLEM	LIKELY CAUSE	SOLUTION
 **NO SIGNAL**	• **On All Leads** Faulty cable • Faulty connection of cable to equipment	• Change to backup cable • Check connection of cable to equipment
	• **All Leads except V1-V6** Electrode delamination on V1-V6 lead • **All Leads except I** Electrode delamination on LF lead • **All Leads except II** Electrode delamination on L lead • **All Leads except III** Electrode delamination on R lead • Leadwire disconnection	• Check/re-attach electrode • Replace electrode
 **ECG TRACE DRIFT (BASELINE WANDER)**	• Electrode delamination • Patient Movement	• Check/re-attach electrode • Move electrodes away from arms/legs (muscles), as possible
 **ECG TRACE NOISE**	• Electrode delamination • Patient Movement • Noise from surrounding power sources • Muscle tremor	• Check/re-attach electrode • Move from arms/legs to body, if possible • Move power cords away from Claravue cables/leads • Adjust filter settings to reduce, may not be possible
 **MOTION ARTIFACT**	• Patient Movement • Electrode delamination • Interference from other equipment	• Move electrodes away from arms/legs (muscles), as possible • Check/re-attach electrode • Move ECG cable away from other equipment
DELAMINATION	• Diaphoretic • Cable pulling leads • Patient prep is not enough (e.g. hairy)	• Fix with surgical tape as needed (LF/V6 at risk due to placement) • Fix cables to bed and allow slack in leadwires • Conduct patient prep
DIFFERENT ECG WAVEFORM VS INCUMBENT PRODUCT	• Different placement position of electrodes • Different setting on equipment	• Apply same positioning of electrodes • Adjust monitor to increase/decrease ECG amplitude