

Procedure Information Sheet – Cardiac Telemetry (Critical Care Unit)

Hosp No. :	HKID No.:
Case No. :	
Name :	
DOB :	M / F
Adm Date :	
Contact No. :	

1. Introduction

- 1.1. Cardiac telemetry is an ambulatory monitoring device, which will monitor patient's heart rate and electrocardiogram (ECG) continuously.
- 1.2. Electrodes are attached to the front chest and connects to telemetry transmitter. The transmitter then sends signals to Critical Care Unit. Heart rhythm are 24 hours monitor by nurses in Critical Care Unit. If any abnormality, Critical Care Unit nurses will record the strip and inform ward nurse and doctor immediately.
- 1.3. The machine is to record heart beat pattern and abnormal heart rhythm. It is useful for those who may be at risk of heart events and individuals experiencing ongoing heart problems such as irregular heartbeats.
- 1.4. Wearing a portable transmitter allows patients to be mobile, as long as the signal stays in range of the monitoring station.
- 1.5. The duration of recording is determined by the doctor.

2. Procedural Preparation

- 2.1. Wear loose and comfortable outfit, which preferably opens in the front.
- 2.2. Shaving might be required if patient's chest is hairy.
- 2.3. Do not apply lotions, powder or perfumes over chest area.
- 2.4. No need to keep fasting for this procedure.
- 2.5. If you have a pacemaker implanted, bring the pacemaker card with the latest setting.

3. Procedure

- 3.1. Nurse from Critical Care Unit will explain the procedure, then attach the electrodes on the chest and connect the cables from the telemetry transmitter to the electrodes. The device will be put in a transparent pouch with a necklace for carriage.
- 3.2. Telemetry transmitter will require a battery change approximately every 8 hours by nurse
- 3.3. Critical Care Unit nurse will send recorded rhythm to ward every shift or if abnormality is detected, will immediately inform ward nurse and doctor.
- 3.4. Telemetry will be returned to Critical Care Unit when discontinue by doctor.

4. Possible Risks and Complications

- 4.1. Wearing a cardiac telemetry does not have any risk except for possibly mild skin irritation or development of skin rash to the skin area where the electrodes are stuck.
- 4.2. There is no electrical shock hazard from the telemetry machine unless it exposes to water or chemicals.

5. Remarks

- 5.1. Cardiac telemetry is an expensive piece of medical equipment, by agreeing to wear it, certain necessary precautions are required to prevent from damage such as
 - 5.1.1. Avoid dropping
 - 5.1.2. Tampering
 - 5.1.3. Avoid to be exposed to water or chemicals
- * Damage of the machine due to the above reasons or lost, one has to bear the whole cost of the machine and administrative fee.

