



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Enhancing Service Quality and Safety**

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for Radioactive Iodine Therapy Care  
Staff Empowerment,  
Facility Refinement  
and patient education

**Introduction**

The number of patients who receive Radioactive Iodine Therapy (RAI) is 38 in 2017 in the acute Oncology ward (A9) in Tuen Mun Hospital.

**Objectives**

It is crucial to implement care of high standards of quality and safety for both patients & staff during every course of hospitalization by staff empowerment, facility refinement and patient education.

**Methodology**

RAI nursing care is provided in its high stand of quality and safety by staff empowerment, facility refinement and patient education.

1)Staff empowerment for RAI patient care.

-Training:

Video for new comers on radioactive patient care and safety

-RAI BLS Drill:

First RAI BLS Drill was launched, in December, 2017, for equipping staff to familiar the guidelines and workflow for performing CPR for the patient and caution the specific radioactive safety measures.

RAI BLS video Intranet is upload to provide the refreshment channel.

-Periodic assessment:

Staff competence of radioactive care was assessed by questionnaire on yearly basis.

2)Facility Refinement

-Door alarm system installation for ensuring radioactive isolation.

3)Patient education

-Video and information sheet with staff orientation is provided for promoting patients' knowledge and awareness during the course of treatment.

**Result**

1)Staff empowerment for RAI patient care.

-Training:

New comers show understanding and equipped professional knowledge on RAI patient care and the use of dosimeter.

-RAI BLS Drill:

Multidisciplinary (doctor, physicists and nurses) recommendations for the high standard of BLS care.

Nurse participants are more familiar on BLS guidelines for RAI patient and the related precaution.

Designated storage of "RAI Patient Emergency CPR/BLS Action Bag".

-Periodic assessment:

Questionnaires' result show nurses and supporting staff are 100% compliance of RAI care

2)Facility Refinement

-Radioactive isolation ensured with door alarm system activated.

3)Patient education

-Patient shows understanding on the RAI information sheet and video with staff orientation.