



**PERPETUAL HELP
MEDICAL CENTER - LAS PIÑAS**



What can the patient expect during brachytherapy?

- The patient may feel sleepy if sedative is given.
- The patient may hear a clicking or humming noise from the treatment machine.
- The patient will be alone during the treatment but is monitored via CCTV and can speak with the treatment team via intercom.

Who may/may not visit the patient?

- Patient's relatives are allowed to visit the patient after brachytherapy.
- No radiation remains in the patient's body after treatment, hence, there is no risk to others.

What should you do after the Therapy?

- Follow the specific home-care instructions given by the medical treatment team.
- Speak with the treatment team on how to manage the side effects.
- The doctor may recommend a series of follow-up physical check-ups, imaging exam/s and laboratory tests.

Other Services offered by PHMC:

External Beam Radiation Therapy Procedure

- Intensity-Modulated Radiation Therapy (IMRT)
- Three-Dimensional Radiation Therapy (3D CRT)
- Conventional Radiation Therapy

**Dr. Robert P. Dulay
RADIATION ONCOLOGY
CENTER**



Alabang-Zapote Rd., Pamplona III, Las Piñas City 1740



www.phmc.com.ph



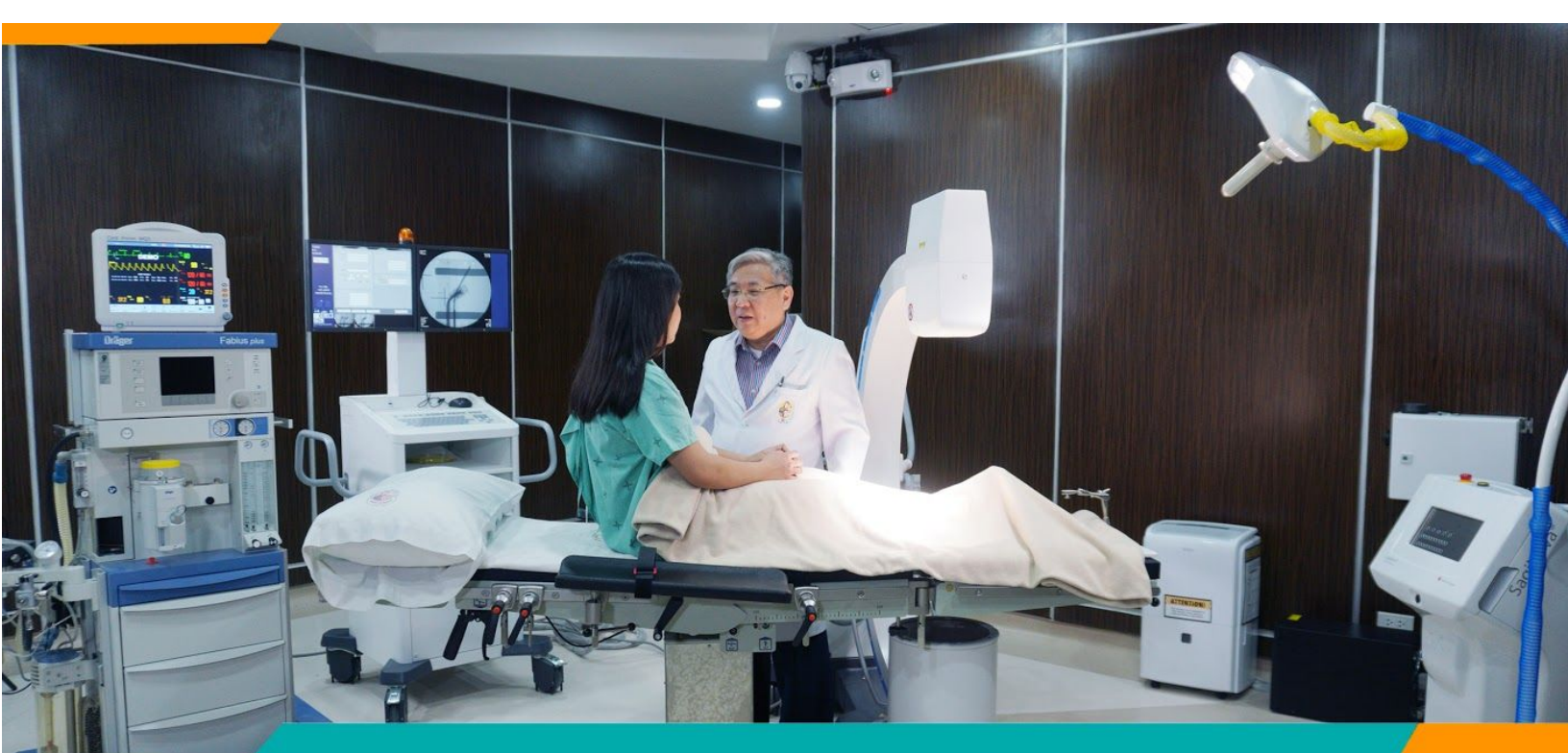
PerpetualHelpMedicalCenterLasPinas



(632) 8874-ALTA / (632) 8874-8515 loc. 493

High Dose Radiation BRACHYTHERAPY





What is HDR Brachytherapy?

High Dose Rate Brachytherapy (HDR) is a computerized radiation therapy system that can be used as a stand alone treatment for cancers or together with external beam radiation treatment, to eliminate cancer cells. In this kind of radiation treatment, the radioactive source is placed inside or very near the tumor, causing maximum cancer tumor kill but minimizing side effects to the normal tissues.



Does Perpetual Help Medical Center - Las Piñas (PHMC-LP) offer HDR Brachytherapy?

Yes. PHMC-LP has a friendly and highly-trained medical treatment team that can perform brachytherapy. Our medical team is composed of a Radiation Oncologist, a Medical Physicist, a Radiation Therapy Technologist, a Nurse, and often teams with a Gynecologic Oncologist or a Surgeon, and Anesthesiologist.

How does it work?



The entire procedure may take about ten minutes to several hours including the placement of the treatment device depending on the case.

The patient will receive a high dose of radiation to the tumor in a short burst for ten to thirty minutes. The patient may receive up to ten separate HDR treatment fractions over one or more weeks depending on the case. HDR treatment is usually an outpatient procedure but some patients may be admitted for one to three days.



Who may need HDR Brachytherapy

Cancer patients who have skin, uterine, cervical, lung, esophageal, head and neck, prostate and breast cancers may undergo this treatment.

What are the benefits of HDR Brachytherapy?

- Extremely precise radiation therapy delivered internally
- Helps prevent recurrence of cancer
- Convenient treatment schedule
- Minimizes risks of common side effects



What are the preparations before the therapy?

- Cardiopulmonary clearance may also be requested, especially for patients with concomitant medical conditions.
- The doctor will place an intravenous (IV) line/access for medications and hydration, if needed.
- The patient may receive spinal or general anesthesia and/or a sedative prior to the procedure.