

SYMPOSIUM 1 - CANCER

FOCUS: CANCER DIAGNOSTIC AND CARE IN BRUNEI DARUSSALAM

Radiotherapy - It's Here

Dr Jamsari Khalid

The Brunei Cancer Centre, Jerudong, Brunei Darussalam BG3122

The talk will start from the beginning of oncology Services from 2009 to the current date. Our mission is to enhance lives through quality cancer services and our vision is to increase capabilities to treat patient locally. The Brunei Cancer Centre (TBCC) is equipped with the latest linear accelerators (The EDGE and TRUEBEAM), high dose rate (HDR) brachytherapy equipment, 3D Planning System capable of intensity modulated radiotherapy (IMRT), volumetric arc therapy (VMAT), stereotactic radiosurgery (SRS) and stereotactic radiotherapy (SRT). We also have a computed tomography (CT) simulator, a positron emission tomography-computed tomography (PET-CT) scanner, a cyclotron and radio-iodine isolation room. We have facilities for consultation rooms and 63 inpatients, day care facilities, and 64 chemotherapy infusion chairs/beds.

A summary of how radiotherapy works will be given along with a general overview of the cancer cases through the department since its commencement for both men and women. Old radiotherapy and newer high precision radiotherapy are explained with a brief mention on gynae-brachytherapy and prostate services which we will have in the future.

There will be videos on the movements of the linear accelerators, and if time permits, a video on the "mask" making with thermoplastic devices.

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