

International Atomic Energy Agency Scientific Forum

A Decade of Action on **Cancer Control** and the Way Forward



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Vienna International Centre
Board Room D, C Building, 4th Floor

Achieving National Health Goals in Clinical Nuclear Medicine: Malaysia's Experience in Setting Up Comprehensive Cancer Control

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MALAYSIA

- **Cancer : 5 causes of national mortality for last 20 years**
- **2015: 13.6% of all deaths in MOH hospitals (8.9% in 1996)**
- **Cancer control: Better integration, collaboration and coordination across governmental, private sectors and professional organisations**



- **2008 – 2015 National Cancer Control Blueprint (NCCB)**
- **2015: MOH : Gathering of stake holders**
- **NATIONAL STRATEGIC PLAN FOR CANCER CONTROL PROGRAMME 2016 – 2020 (NSPCCP)**



NATIONAL STRATEGIC PLAN FOR CANCER CONTROL PROGRAMME 2016 – 2020 (NSPCCP)

Aim: to reduce the negative impact of cancer

- **decrease morbidity**
- **decrease mortality**
- **improve the Quality Of Life of cancer patients & their families**



NSPCCP 2016 – 2020

- **Holistic cancer care across with 9 areas of focus**
 - **primary prevention**
 - **Screening**
 - **Early detection**
 - **Diagnosis : Nuclear Medicine Services**
 - **Treatment**
 - **Rehabilitation**
 - **Palliative care**
 - **Traditional & complimentary medicine and research**



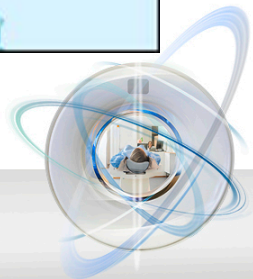
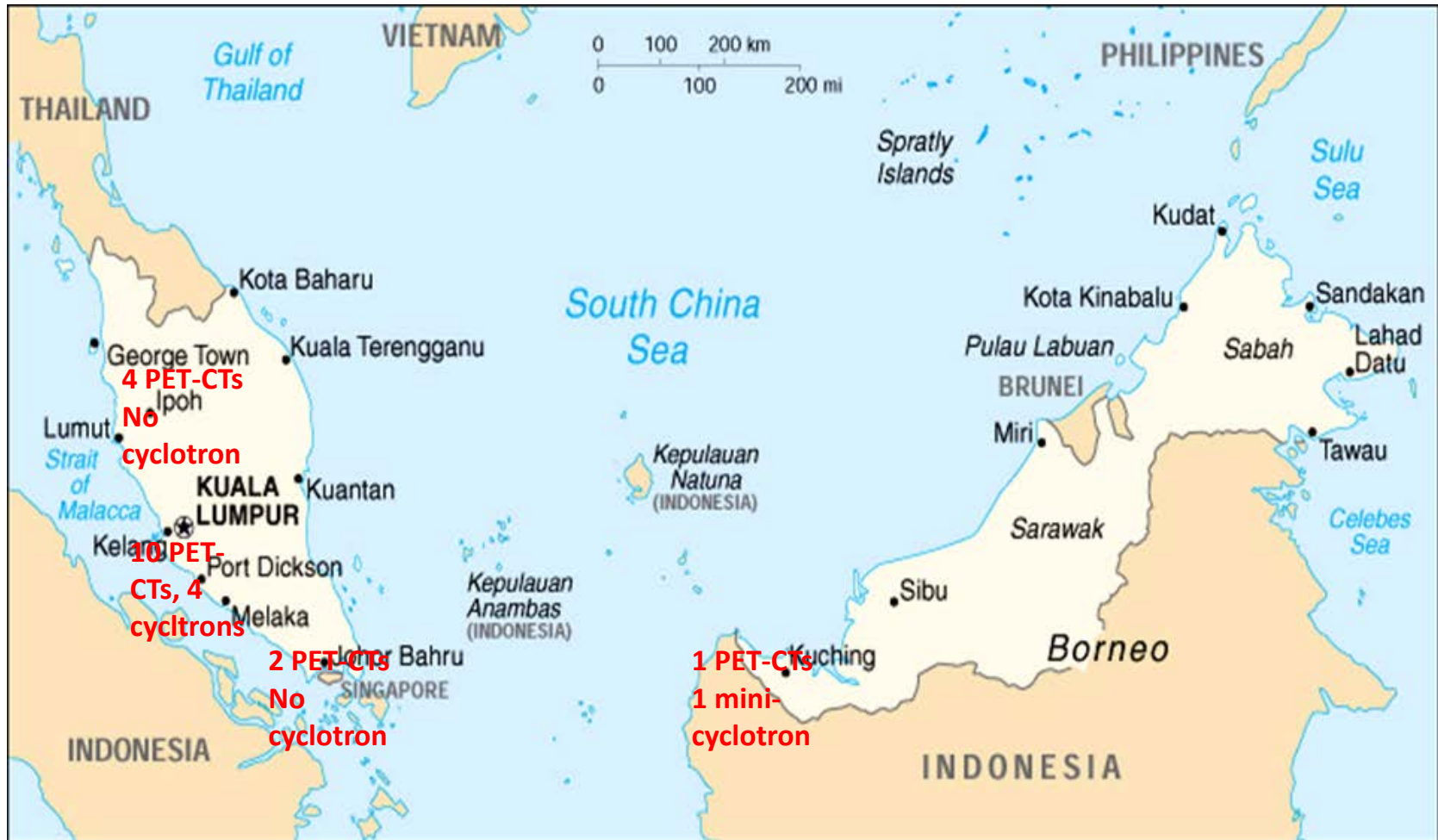
National NM Way Forward Meet, MOH May 5-8, 2002

All level of personnel involved in NM

- MOH, Universities, Private Sectors
- Various related governmental agencies
- Speakers from abroad (IAEA) and local
- Identify problems, weaknesses
- Discussion, recommendations
- Benchmarking
- Target for achievement



REGIONAL BASED NUCLEAR MEDICINE SERVICE APPROACH



STRATEGIES FOR IMPLEMENTATION

- **Module I:**
Model of Future NM Service in MOH Centres
- **Module II:**
Towards attainment of Centre of Excellence (niche areas) in NM regionally
- **Module III:**
Organisation Chart: Based of Functional and Core Function




PLANNING & WAY FORWARD DEVELOPMENT

1. Administration
2. Service
3. Human Resource
4. Training
5. Infrastructure
6. Equipment
7. Finance
8. Research & Development
9. Interagency Involvement

IAEA has played a positive role in assisting the expansion of nuclear medicine in Malaysia



Current existing Nuclear Medicine Services under Ministry of Health, Malaysia 2002 (2017)

Region	Northern	Central	Southern	Eastern	Sabah	Sarawak
Service location	<i>H Penang</i>	<i>H. KL</i> <i><u>IKN</u></i>	<i>Hosp. Sultanah Aminah</i>	<i>Nil</i>	<i>Nil</i> <i><u>W&C Hosp</u></i> <i><u>Likas</u></i>	<i>Hosp. Kuching</i>
Department(s) in-charge	<i>Radiology</i> <i><u>(Nuc Med)</u></i>	<i>Radiotherapy, Medicine</i> <i><u>(Nuc Med)</u></i> <i><u>IKN: (NM)</u></i>	<i>Radiology/ Medicine</i> <i><u>(Nuc Med)</u></i>	<i>Nil</i>	<i><u>Nuc Med</u></i>	<i>Radiotherapy/ Radiology</i> <i><u>Nuc Med</u></i>
Services offered at current moment	<i>Imaging</i> <i><u>Diagnostic & Therapy</u></i>	<i>Diagnostic & Therapeutic</i> <i><u>IKN Dignostic & Therapy</u></i>	<i>Diag & Therapy (L)</i>		<i><u>Diagnostic & Therapy</u></i>	<i>Therapeutic</i> <i><u>Diagnostic & Therapy</u></i>
Infrastructure upgrading needed for Diagnostic & Therapy	<i>Yes</i> <i><u>Established</u></i>	<i>Yes</i> <i><u>Established</u></i>	<i>Yes</i>		<i><u>Established</u></i>	<i>Yes</i> 

USM lahir kumpulan pertama graduan perubatan nuklear di Asia



**MOHD. Wajdi Ghazali (kiri sekali) Mahayudin Abdul Manaf, Nor Salita Ali, L. Yogendre dan Law Chiong Song menunjukkan simbolik lima selepas bergelar graduan sulung sarjana perubatan nuklear pada majlis Konvokesyen Ke-46 Universiti Sains Malaysia di Pulau Pinang, semalam.*



THANK YOU

