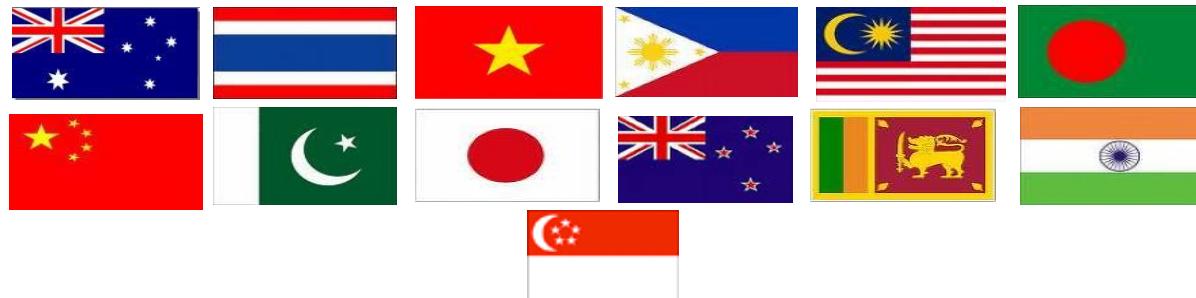


Capacity Building with Distance Assisted Training (DAT) for Nuclear Medicine Professionals (RAS/6/064)

- 2012 - 2014
- LCC: Heather Patterson, BMRI/
ANSTO
- 13 active participating Member States



Overall Objective

- To develop competency and capability in the safe and efficient practice of NM through a harmonised web-based distance learning program that supports continuing professional development of NM professionals.

Specific Objectives

- To improve understanding and implement the practicalities of DATOL, maximising utilisation of the website.
- To strengthen National Coordination and team management.
- To assess and address current or perceived problems

Background

- DAT implemented in 1995; DATOL in 2009
- DAT - professional development training course for NM Technologists
- DATOL extends DAT through access to networks, linkages and technology transfer
- National coordination → National DAT programs



Project Activities 2014

Final PRM, 7-9 April 2014, Vienna

Objectives

- To identify mechanisms for DATOL materials to reach a wider audience
- To identify activities that can improve the outcomes of the DATOL program
- To develop an approach to ensure the sustainability of the DATOL program

Project Activities 2014

Final PRM, 7-9 April 2014, Vienna

Outcomes

- DATOL material open-access via Human Health Campus (HHC)
- HHC – technical support to strengthen sustainability
Nuclear Knowledge Management Section
- Two routes of access proposed:
 - **Open Access** for personal study or professional development
(no formal student assessment)
 - **Protected Access** for instructor-led learning (Q2, 2015)
(with full assessment)
- More formal course-based access could be used for in-house department-based training

Additional bridging activities 2014-15

- Moodle training for additional DATOL managers (on-line)
- Production of promotional materials (designed and printed)
- Reformatted course access for Open Access users - English and Spanish (via HHC)
- Refine document introducing DATOL to Universities (completed)
- New country introduction / coordination workshops (not yet)
- Expert missions to train assessors on practical assessments (not yet)
- Meeting on inter-regional input to forward planning (not yet)

Achievements

- DATOL on-line since 2009 – used in ~30 countries; > 600 students; RCA; AFRA, ARCAL, UK, Estonia (> 650 students assessed off and on-line)
- Open Access of DATOL through HHC officially launched at GC, Sept 2014
- Useful to wider NM community
- AUL and NZE students participated in aspects of DATOL
- Good working relationship of LCC and DATOL management with IAEA's Nuclear Knowledge Management team

The screenshot shows the IAEA Human Health Campus website. The top navigation bar includes links for Home, Nuclear Medicine, Radiopharmacy, Radiation Oncology, Medical Physics, Technologies, and Nutrition. Below the navigation is a world map titled "DATOL use worldwide". To the right of the map is a text box stating: "DATOL, an online training resource for nuclear medicine professionals, is now available on the Human Health Campus. DATOL is suitable for personal study, continuous professional development, formal vocational training and for adoption by universities and colleges." On the left side, there is a sidebar with a tree icon and a list of medical specialties: Nuclear Medicine, PET/CT Gallery, Webinars, E-learning Modules, International Conference IMIC 2013, Oncology, Cardiovascular and Pulmonary, Endocrinology, Neurology, Paediatrics and Nephrology, Other Systems/Organs, Infection Inflammation and Musculoskeletal, Radioguided Surgery and Radionuclide Therapy, International Conference IPET 2011, Quality Practice, Nuclear Medicine Library, and Nuclear Medicine Latest.



Achievements

- Success of DATOL due to and dependent on:
 - quality of local coordination
 - commitment of management and students
 - formal professionally-recognised certification
- Continuing inquiries from other countries.
- Supervisors of IAEA Fellows requesting access for Fellows to DATOL learning materials.



Extent of DATOL use worldwide

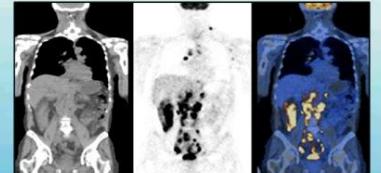
 **DATOL** 

Distance Assisted Training On-Line
For Nuclear Medicine Professionals

<http://www.datnmt.org/>

Suitable for either personal study & continuous professional development,
or formal vocational training
<http://www.datnmt.org/>

Available in Human Health Campus
humanhealth.iaea.org/



Constraints / Issues

- Poor engagement with HEIs due to:
 - limited National DATOL coordination in BGD, VIE, SIN, IND, CPR
 - slow progress in SRL, PHI, PAK
 - retirement and replacement of Coordinators
- HEIs encouraged to use the resources to help create indigenous training courses – **promotion required**
- Certification to recognise course completion not activated by Asian Society of NM (cf Latin America)

Comments and Questions

