



Australian Government

Australian Radiation Protection and Nuclear Safety Agency

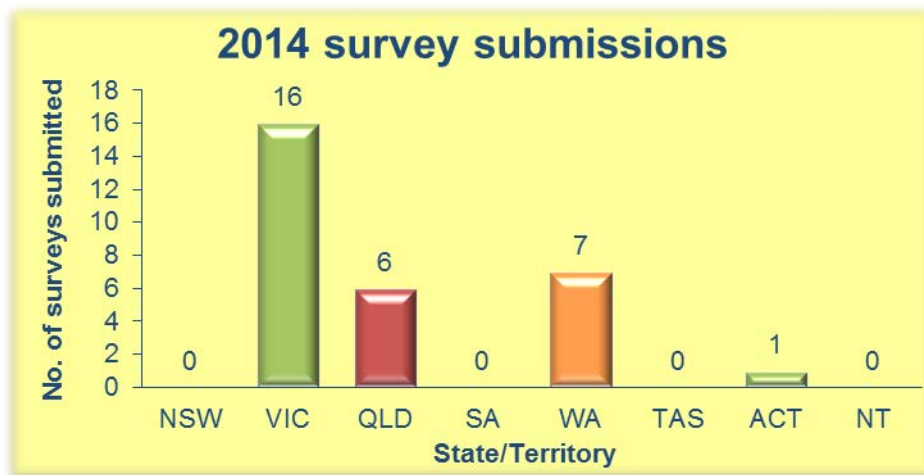
NDRL Newsletter 2014 No. 2

Dear service users,

Welcome to the second NDRL Newsletter for 2014. We are now one quarter of the way through the year and it is time for another update!

2014 data submissions so far

As of April 3rd there have been 2 new registrations during 2014 and a total of 30 surveys submitted, the following graph shows the distribution by state/territory of these surveys.



This is a slow start for the year, it would appear that not many facilities selected either January, February or March as their “DRLs month”! Perhaps April, May and June will fare better.....

New statistics page for website

Regular visitors to our website may have noticed the recent addition of the National Diagnostic Reference Level Service Statistics page. This page presents some statistics from the first three years of the survey and can be accessed directly from the following link

<http://www.arpansa.gov.au/services/ndrl/statistics.cfm>

National Diagnostic Reference Level Service Statistics

Introduction

The Medical Imaging Section (MIS) of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) is conducting an ongoing national dosimetry service of common Multi Detector Computed Tomography (MDCT) protocols from which the first Australian diagnostic reference levels (DRLs) for MDCT have

Also, the last column in the NDRLS Data Overview table shows you an update of registrations and data submitted for this year which will be updated monthly.

NDRLS Data Overview

To date, on a yearly and monthly current year basis, a brief overview of submitted data is as follows:

		2011	2012	2013	2014 April
Facility Registrations*	ACT	5	0	0	0
	NSW	13	44	12	2
	NT	0	0	0	0
	QLD	13	22	6	0
	SA	3	7	0	0
	TAS	3	6	1	0
	VIC	30	7	20	0
	WA	16	4	1	0
	Total	83	90	40	0
Adult Facility	Head	56	113	167	8
	Neck	30	57	80	3
	Chest	44	78	112	2

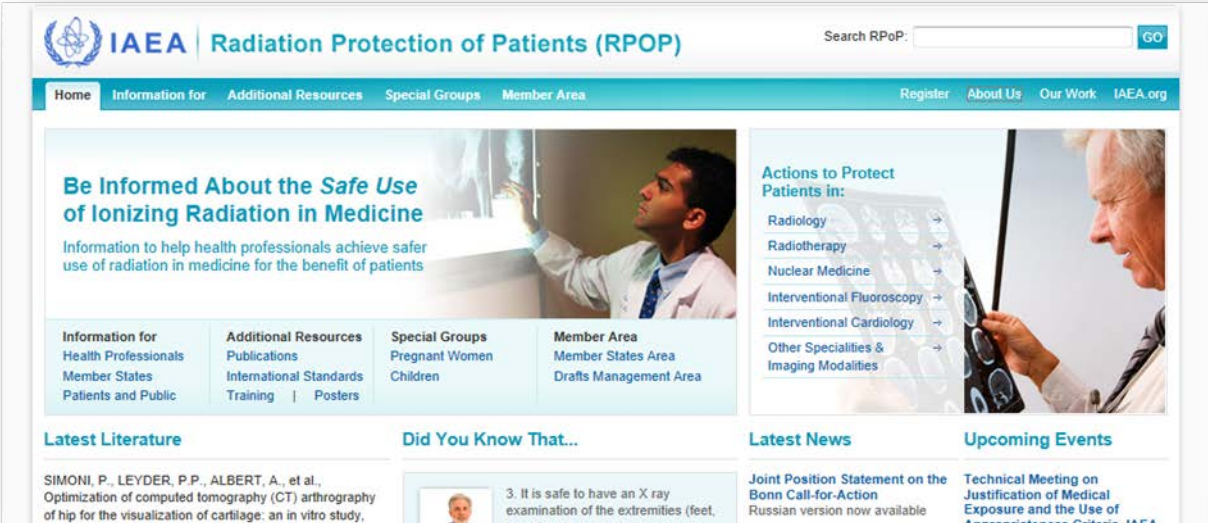
IAEA RPOP link

You may also notice a new addition to the bottom of every NDRLS web page in the form of a link to the International Atomic Energy Agency's Radiation Protection of the Patient web site.

Further information on International Best Practice for Radiation Protection of Patients can be found on the International Atomic Energy Agency Radiation Protection of Patients website, which can be accessed via the following link:



The logo features the IAEA symbol (a stylized atom) on the left, followed by the text "IAEA" in a bold, blue font, and "Radiation Protection of Patients (RPOP)" in a smaller, blue font to the right.



The screenshot shows the homepage of the IAEA Radiation Protection of Patients (RPOP) website. At the top, there is a search bar labeled "Search RPOP:" with a "GO" button. Below the search bar is a navigation menu with links for "Home", "Information for", "Additional Resources", "Special Groups", and "Member Area". On the right side of the menu, there are links for "Register", "About Us", "Our Work", and "IAEA.org". The main content area features a large banner with the heading "Be Informed About the Safe Use of Ionizing Radiation in Medicine" and a sub-heading "Information to help health professionals achieve safer use of radiation in medicine for the benefit of patients". To the right of the banner is a list of "Actions to Protect Patients in:" including "Radiology", "Radiotherapy", "Nuclear Medicine", "Interventional Fluoroscopy", "Interventional Cardiology", and "Other Specialities & Imaging Modalities". Below the banner and list are four columns of content: "Latest Literature" (with a link to a paper by SIMONI, P., LEYDER, P.P., ALBERT, A., et al.), "Did You Know That..." (with a tip about X-ray safety), "Latest News" (with a link to a "Joint Position Statement on the Bonn Call-for-Action"), and "Upcoming Events" (with a link to a "Technical Meeting on Justification of Medical Exposure and the Use of Appropriateness Criteria, IAEA").

This website, which can also be accessed directly from the link below, is a mine of information for medical uses of ionizing radiation. It contains information for health professional and patients and is well worth a look.

<https://rpop.iaea.org/RPOP/RPoP/Content/index.htm>

Remember: any surveys started this year have until Dec 31st 2014 to be completed!

[Click here to go directly to the Login page](#)

Regards,

**The NDRLD Team
ARPANSA**

Current Australian National DRLs

Australian Adult (15+ yrs) MDCT DRLs

Protocol	DLP (mGy.cm)	CTDI _{vol} (mGy)
Head	1000	60
Neck	600	30
Chest	450	15
AbdoPelvis	700	15
ChestAbdoPelvis	1200	30
Lumbar Spine	900	40

Australian Child (5-14 yrs) MDCT DRLs

Protocol	DLP (mGy.cm)	CTDI _{vol} (mGy)
Head	600	35
Chest	110	5
AbdoPelvis	390	10

Australian Baby (0-4 yrs) MDCT DRLs

Protocol	DLP (mGy.cm)	CTDI _{vol} (mGy)
Head	470	30
Chest	60	2
AbdoPelvis	170	7

Contact us:

Medical Imaging Section

Australian Radiation Protection and Nuclear Safety Agency

Free call: 1800 033 972

Email: ndrld@arpansa.gov.au