EURADOS Working Group 2

Harmonisation of Individual Monitoring

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WG02 Progress

Intercomparisons

Training Courses

Survey of QA
Progress - Intercomparisons

Extremity Dosemeter Intercomparison 2015 - Completed

• photon and beta radiations
• 52 participants, 72 systems
• 22 countries
• participants’ meeting at AM2016
Progress - Intercomparisons

Fulfil valuable role in harmonisation of individual monitoring

Provides opportunity for IMSs for cost-effective proficiency tests

100% “would participate in future”
Progress – Training Courses

- 27 participants
- positive feedback
Progress – Training Courses


Feedback for future courses

- very positively received (again)
- more focus on dosimetry topics
- less focus on management aspects of QA
- networking is valuable
Progress – Survey on QA

QA Survey 2012
- Full report issued and circulated
- Task complete
Overall picture:

- Quality management has a high profile
- Most IMSs use a QMS
- Dosimetric QA is good or very good in most cases
- Some differences in practice are due to differing national requirements/custom
- Causes of error often due to users rather than IMSs

Some IMSs - room for improvement in:

- frequency of traceability checks, audits
- rigour of uncertainty analysis
Progress - Dissemination

EURADOS Reports in 2015 (http://www.eurados.org)


Individual Monitoring Conference, Bruges, April 2015

Presentations, posters, papers
IM2015 Proceedings – Radiation Protection Dosimetry

• Chevallier, M-A et al. EURADOS IC2012n: Further Information Derived from a EURADOS International Comparison of Neutron Personal Dosemeters.

• Figel, M et al. EURADOS Intercomparisons on Whole-Body Dosemeters for Photons from 2008 to 2014.

• Grimbergen T et al. EURADOS Programme of Intercomparisons for Individual Monitoring Services: Seven Years of Development and Future Plans.

• Stadtmann, H et al. The results of EURADOS Intercomparison IC2014 for Whole Body Dosemeters in Photon Fields.

Progress - Dissemination

11th International Workshop on Ionizing Radiation Monitoring - Oarai (Japan), December 2015
• oral papers on EURADOS Survey 2012 and on ICs

Continued dissemination of RP160 recommendations via “RP160” training course, Lisbon 2015
AM2016 Discussions

End of QA Survey task – consider further needs for Harmonisation

Proposals for further ICs

Proposal for further TC
Proposals - Intercomparisons

Perform valuable harmonisation role
Increasing in popularity
Continue for foreseeable future

Working on how to sustain resources in long term
Need to complete reports on recent ICs

2016:
• ICph
• Plan for ICn in 2017
Proposals – Training Courses

Completed three successful courses on RP160. Like ICs, the TCs cover their costs

Have considered demand – still sufficient

Proposal for further course in 2017
• further adjustments to content, based on feedback