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IEC SC62A MT 23

Liaison Report to C63<sup>®</sup> SC8

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# IEC SC62A MT23 Liaison Report

- Edition 4 of IEC 60601-1-2
  - Amendment 1 in progress
- IEC/TR 60601-4-2: Medical electrical equipment – Part 4-2: Guidance and interpretation – Electromagnetic immunity; performance of medical electrical equipment and medical electrical systems
  - Circulated on October 24 as 62A/971/CD
  - Comments due January 9, 2015
  - Former Annex J of 60601-1-2 Ed 4

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# IEC SC62A MT23 Liaison Report (cont'd)

## ■ Performance TR

- ❑ Assumption is that IEC 60601-1-2 testing has been performed
- ❑ Extensive references to 60601-1-2 Ed 4
- ❑ Recommends to combine -1-2 and -4-2 testing
- ❑ Scope: This Technical Report applies to the ELECTROMAGNETIC IMMUNITY of the INTENDED USE of ME EQUIPMENT and ME SYSTEMS.
- ❑ No emissions requirements (beyond 60601-1-2)

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## IEC SC62A MT23 Liaison Report (cont'd)

- Performance TR (cont'd)
  - Whereas immunity test levels in -1-2 are considered to be reasonably foreseeable maximum, immunity test levels in the TR are considered to be typical
  - Immunity test levels for home and hospital are the same
  - Ongoing debate in MT23 regarding the ESD immunity contact discharge test level (4 kV or 6 kV) (Air discharge is 8 kV)

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## IEC SC62A MT23 Liaison Report (cont'd)

- Performance TR (cont'd)
  - Performance criteria are modified versions of A, B, C

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## IEC SC62A MT23 Liaison Report (cont'd)

- IEC 61000-4-39: Electromagnetic compatibility (EMC) – Part 4-39: Testing and measurement techniques – Radiated fields in close proximity immunity test (77B/717/CD)
  - At one time a similar test was in the draft IEC 60601-1-2 Ed 4
  - IEC SC62A MT23 requested that TC77 develop this standard
  - MT23 prepared and submitted comments
  - Comments were due 10-10-2014

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## IEC SC62A MT23 Liaison Report (cont'd)

- MT23 members presented workshops at EMC 2014
  - Introduction to Medical EMC
  - Risk-Managing EMC