KEY DEVELOPMENTS IN INTERNATIONAL RF SAFETY PROGRAMS

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Brief update on…

- WHO’s Environmental Health Criteria (EHC) on Radiofrequency Fields
- ICNIRP’s High-Frequency EMF Guidelines
WHO’s EHC on RF

• Environmental Health Criteria (EHC) on RF
  – Part of WHO International EMF Project (NIR & IR)
    • IARC hazard assessment complete
    • EHC represents a complementary, risk assessment process
      – Critical review of evidence for EMF effects on health
      – Heath risk assessment
      – Risk management measures
      – Research recommendations
WHO’s EHC on RF

- Environmental Health Criteria (EHC) on RF
  - Most extensive systematic review of RF health literature
  - Timeline
    - Jan 2012 – Started
    - Sept 2014 – Consultation draft
    - Now – Consultation feedback incorporated, literature updated
    - Early 2016 – Finalisation of Task Group draft
    - Mid 2016 – Internal WHO quality assurance & drafting
    - End 2016 – Publication
ICNIRP RF GUIDELINES

• Previous Guidelines
  – ICNIRP 1998 (ELF + RF)
  – ELF updated 2010

• New Guidelines
  – 100 kHz to 300 GHz (High-Frequency)
  – Protection against (amongst other things)
    • acute and chronic health effects
    • all mechanisms
    • all ages
  – Interference with medical devices (beyond scope)
High-Frequency Guidelines Timeline

- Now – in drafting phase with Main Commission
- May 2016 – Complete draft, presented at
  
  *ICNIRP 8th International NIR Workshop*
  
  *Cape Town, South Africa, May 9-11, 2016*

- 2nd Half 2016 – Consultation draft
- End 2016 – Final Guidelines
ICNIRP 8th International NIR Workshop, Cape Town, South Africa, May 9-11, 2016

The International Commission on Non-Ionizing Radiation Protection (ICNIRP) will hold its 8th International NIR Workshop (NIR2016) in conjunction with the IRPA14 Congress on the occasion of IRPA's 50th anniversary in May, 2016.

Program now available here