

**Medical Physics Support for Nuclear or Radiological Emergency (NRE) Response
Train-the-trainers Workshop, Fukushima Medical University, 22-26 June 2015**

The IAEA, in consultation with the [World Health Organization \(WHO\)](#), the [International Organization for Medical Physics \(IOMP\)](#) and the [International Radiation Protection Association \(IRPA\)](#), developed a training package to help prepare medical physicists to support Nuclear or Radiological Emergency (NRE) situations.

The training package was developed with the kind support of the Government of Japan and in collaboration with [Fukushima Medical University \(FMU\)](#) and the National Institute of Radiological Sciences (NIRS). The package was endorsed by the Japan Society of Medical Physics (JSMP).

Hugh Wilkins was a member of the international steering group which created the training package, and module leader for modules 5 and 6 (Monitoring and decontamination of people at the Scene of incident, in Radiation Monitoring Units and in hospitals).

- Module 1: Introduction
- Module 2: Nuclear and radiological emergencies
- Module 3: Radiation measurements and instrumentation
- Module 4: Dose assessment and dose reconstruction
- Module 5: Monitoring and decontamination of people - Scene and RMU
- Module 6: Monitoring and decontamination of people - Hospital
- Module 7: Large area surveys - monitoring of food and water
- Module 8: Biological effects of radiation - cell and tissue effects
- Module 9: Biological effects of radiation - stochastic effects
- Module 10: Protection strategies for the public
- Module 11: Protection strategies for workers
- Module 12: Medical management
- Module 13: Psychological effects and impacts on mental health
- Module 14: Effective risk communication

[Website](#) (IAEA Human Health Campus):

<https://nucleus.iaea.org/HHW/MedicalPhysics/TrainingEvents/FukushimaJune2015/index.html>