

**The IAEA Dosimetry Laboratory - calibration capabilities, services provided to the member states and development of the robotic calibration bench**

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The IAEA Dosimetry laboratory is an integral part of the IAEA laboratories established in 1961. It is the central and coordinating laboratory of the IAEA/WHO network of Secondary Standard Dosimetry Laboratories (SSDLs). A wide range of services provided by the laboratory will be presented, the calibration and audit facilities will be described.

The latest acquisition of the laboratory – a medical linear accelerator is used for various activities in multiple set-ups. Robotic calibration bench (RCB) has been developed and installed to simplify change between the clinical set-up used for audit activities and experimental set-up used for calibration services. Operation of the RCB will be described.