

Sesión “Radiodiagnóstico médico y radiología dental”.

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Abstract

This article summarizes the conclusions of the session on “Medical Radiodiagnosis and Dental Radiology” during the Iberoamerican Conference on Radiation Protection in Medicine (Madrid, Spain, October 2016). The main problems identified were: significant number of unjustified radiological procedures, insufficient optimization of protection in radiological procedures, lack of Diagnostic Reference Levels (DRLs), lack of RP continued education and training programs, need to strengthen RP culture in health care including risk/ benefit dialogue; and lack of an effective regulation in radiodiagnosis. The following solutions were proposed: adoption/adaptation of referral guidelines for referring physicians and use of IT support solutions; elaboration of quality control handbooks and protocols adapted to the clinical purpose, establishment of DRLs and use of dose management tools; introduction and integration of RP in the pre- and post-graduate education; higher clinical interaction between radiologists and their colleagues and patients, use of adverse event reporting systems, promotion of RP campaigns, alliances and message dissemination emphasizing benefits/risks; periodical update of RP regulations in radiodiagnosis and capacity building for regulatory inspections. The following progress indicators were suggested: number of countries with referral guidelines for referring physicians and quality handbooks, number of guidelines/protocols, number of countries with DRLs, annual number of education and training programs/activities; number of hospitals with adverse event reporting systems, number of ongoing PR campaigns; number of updated norms and number of trained inspectors.