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| * + - 1. Diagnostic Radiology   Conventional & Digital Radiology  Interventional Radiology  Angiography  Mammography  Dental Radiology  Contrast Media  Image Artifacts  Patient Dosimetry  Radiation Protection  Personnel Dosimetry  Imaging & Image Processing  Quality Control   * + - 1. Computed Tomography Scan   Multislice CT  Contrast Media  Patient Dosimetry  Radiation Protection  Personnel Dosimetry  Imaging & Image Processing  Image Artifacts  Quality Control   * + - 1. Magnetic Resonance Imaging (MRI)   Pulse Sequences  MR Instruments  Magnetic Resonance Angiography (MRA)  Magnetic Resonance Spectroscopy (MRS)  MRI Artifacts  MRI Safety  Patient Screening  Contrast Media  Imaging & Image Processing  Quality Control   * + - 1. Radiobiology   Biological Effects of Ionizing Radiations  Radiation Sensitivity Factors  Dose-Response Relationships  Risk Estimates  Biological Effects of Non-Ionizing Radiations   * + - 1. Sound & Ultrasound   Imaging & Image Processing  Image Artifacts  Quality Control  Contrast Media   * + - 1. Nuclear Medicine   Hot Lab  Gamma Camera  SPECT  PET  Dual-modality imaging system  Imaging & Image Processing  Image Artifacts  Quantitative techniques  Quality Control   * + - 1. Radiotherapy   LINAC  Brachytherapy  Treatment Planning  Patient Dosimetry  Quality Control   * + - 1. Environmental Radiation   Natural Environmental Radiation Monitoring  Radon Monitoring  Environmental Radiation Protection  Radiation Effects   * + - 1. Lasers & Optics   Imaging & Image Processing  Image Artifacts   * + - 1. Nanomedicine   Molecular Imaging (theranostics nanoparticles)  Medical Education   * + - 1. Medical Education   Student Assessment & Evaluation  Clinical Skills Training  Clinical Competence Assessment  Communication Skills Training  Student Characteristics  Objective Structured Clinical Exam (OSCE)  Professionalism in Medicine  (incl. Attitudes, Cultural Competence, Ethics)  Faculty Development  Use of simulations |