

## Guideline & Reports

医学物理学教育委員会資料

report	title	year	keyword 1	keyword 2
AAPM				
TG365	Academic program recommendations for graduate degrees in medical physics: AAPM Report No. 365 (Revision of Report No. 197)	2022	medical physics	graduate degrees
TG374	AAPM WGTG51 Report 374: Guidance for TG-51 reference dosimetry	2022	photon beam dosimetry	TG-51 Addendum
TG303	MRI Implementation in HDR Brachytherapy - Considerations from Simulation to Treatment (TG303)	2022	MRI	Brachytherapy
TG251	Survey of Pediatric Fluoroscopic Exposure Rates (TG251)	2022	fluoroscopic	air kerma rates
TG302	Surface Image Guided Radiotherapy (TG302)	2022	Surface Image Guide	clinical use
TG290	Respiratory Motion Management for Particle Therapy (TG290)	2022	Respiratory Motion	Particle Therapy
TG272	Comprehensive Acceptance Testing and Evaluation of Fluoroscopy Imaging Systems (TG272)	2022	Fluoroscopy Imaging	acceptance test
TG222	Recommendations for intraoperative mesh brachytherapy	2021	intraoperative	Mesh brachytherapy
TG262	Electronic Charting of Radiation Therapy Planning and Treatment: Report of Task Group 262	2021	chart check	RO-EMR
TG241	AAPM Task Group 241: A Medical Physicist's Guide to MRI-guided Focused Ultrasound Body Systems	2021	focused ultrasound	MR-guided
TG219	Report of AAPM Task Group 219 on independent calculation-based dose/MU verification for IMRT	2021	Independent verification	IMRT
TG155	Report of AAPM Task Group 155: Megavoltage photon beam dosimetry in small fields and non-equilibrium conditions	2021	small field	dosimetry
TG357	Estimation of patient skin dose in fluoroscopy: summary of a joint report by AAPM TG357 and EFOMP	2021	skin dose	RDSR
TG198	An Implementation Guide for TG 142 Quality Assurance of Medical Accelerators	2021	quality assurance	extension of TG 142
TG294	Magnetic Resonance Biomarkers in Radiation Oncology: Report of AAPM Task Group 294	2021	MR biomarkers	response
TG201	Quality Management of External Beam Therapy Data Transfer	2021	Data Transfer	Information Systems
TG178	Recommendations on the Practice of Calibration, Dosimetry, and Quality Assurance for Gamma Stereotactic Radiosurgery	2021	Gamma Knife	calibration
TG284	Magnetic Resonance Imaging Simulation in Radiotherapy: Considerations for Clinical Implementation, Optimization, and Quality Assurance	2021	MR-SIM	QA
TG264	The Safe Clinical Implementation of MLC Tracking in Radiotherapy	2020	tracking	MLC
TG185	Clinical commissioning of intensity modulated proton therapy systems: Report of AAPM Task Group 185	2020	IMPT	commissioning
TG235	Radiochromic Film Dosimetry: An Update to TG-55	2020	radiochromic film	dosimetry
TG253	Surface brachytherapy: Joint report of the AAPM and the GEC-ESTRO Task Group No. 253	2020	surface brachytherapy	skin brachytherapy
TG270.A	Practical application of AAPM Report 270 in display quality assurance: A report of Task Group 270	2020	display	quality assurance
TG292	Dose-rate considerations for the INTRABEAM electronic brachytherapy system: Report from the American association of physicists in medicine task group no. 292	2020	INTRABEAM	electronic-brachytherapy
TG291	Principles and Applications of Multi-energy CT Report of AAPM Task Group 291	2020	multi-energy CT	principles and applications
TG202	Physical Uncertainties in the Planning and Delivery of Light Ion Beam Treatments	2020	uncertainties	light ion beam
TG200	The Design and Use of the ICRU/AAPM CT Radiation Dosimetry Phantom: An Implementation of AAPM Report 111	2020	CT	radiation dosimetry
TG275	Strategies for Effective Physics Plan and Chart Review in Radiation Therapy: Report of AAPM Task Group 275	2020	chart review	physics plan
TG329	AAPM Task Group 329: Reference dose specification for dose calculations: dose-to-water or dose-to-muscle?	2019	dose-to-water	dose-to-muscle
TG221	AAPM recommendations on medical physics practices for ocular plaque brachytherapy: Report of Task Group 221	2019	ocular plaque	brachytherapy
TG182	Electronic Intracavitary Brachytherapy Quality Management based on Risk Analysis: The Report of AAPM TG 182	2019	electronic brachytherapy	quality management
TG157	Beam modeling and beam model commissioning for Monte Carlo dose calculation-based radiation therapy treatment planning: Report of AAPM Task Group 157	2019	MC-based TPS	commissioning
TG126	PET/CT Acceptance Testing and Quality Assurance	2019	PET/CT	acceptance test
TG191	AAPM TG 191 Clinical Use of Luminescent Dosimeters: TLDs and OSLDs	2019	dosimetry	luminescence
TG203	Management of Radiotherapy Patients with Implanted Cardiac Pacemakers and Defibrillators: A Report of the AAPM TG-203	2019	Pacemakers	patient management
TG246	Estimating Patient Organ Dose with Computed Tomography: A Review of Present Methodology and Required DICOM Information	2019	organ dose	CT
TG174	Utilization of [18F]Fluorodeoxyglucose Positron Emission Tomography ([18F]FDG-PET) in Radiation Therapy	2019	PET	radiation therapy
TG224	Comprehensive proton therapy machine quality assurance	2019	proton therapy	QA
TG233	Performance Evaluation of Computed Tomography Systems	2019	performance assessment	CT
TG293	Size Specific Dose Estimate (SSDE) for Head CT	2019	SSDE	CT
TG177	Acceptance Testing and Annual Physics Survey Recommendations for Gamma Camera, SPECT, and SPECT/CT Systems	2019	acceptance	gamma camera
TG270	Display Quality Assurance	2019	flat-panel display	QA
TG256	Report of the AAPM TG-256 on the relative biological effectiveness of proton beams in radiation therapy	2019	proton therapy	relative biological effectiveness
TG109	Code of Ethics for the American Association of Physicists in Medicine (Revised): Report of Task Group 109	2019	Code of Ethics	AAPM

TG248	Interoperability Assessment for the Commissioning of Medical Imaging Acquisition Systems	2019	Imaging acquisition systems	equipment interoperability
TG260	Considerations for the Use of Handheld Image Viewers: The Report of AAPM Task Group 260	2018	handheld viewers	
TRS-483	Dosimetry of small static fields used in external photon beam radiotherapy: Summary of TRS-483, the IAEA-AAPM international Code of Practice for reference and relative dose determination	2018	small fields	dosimetry
TG263	Standardizing Nomenclatures in Radiation Oncology	2018	nomenclatures	oncology
TG232	Current State of Practice Regarding Digital Radiography Exposure Indicators and Deviation Indices: Report of AAPM Imaging Physics Committee Task Group 232	2018	radiography	exposure indicators
TG218	Tolerance Limits and Methodologies for IMRT Measurement-Based Verification QA: Recommendations of AAPM Task Group No. 218	2018	IMRT	tolerance limits
TG180	Image Guidance Doses Delivered During Radiotherapy: Quantification, Management, and Reduction	2018	image doses	radiotherapy
TG113	Guidance for the Physics Aspects of Clinical Trials	2018	clinical trials	
WGDRD	Development and testing of a database of NIH research funding of AAPM members: A report from the AAPM Working Group for the Development of a Research Database (WGDRD)	2017	database	NIH research
TG268	RECORDS: improved Reporting of monte Carlo RaDiation transport Studies: Report of the AAPM Research Committee Task Group 268	2017	monte carlo	
TG211	Classification and evaluation strategies of auto-segmentation approaches for PET	2017	PET	auto-segmentation
TG162	Software for Planar Image Quality Metrology	2017	2D Image	quality metrology
TG158	Measurement and calculation of doses outside the treated volume from external-beam radiation therapy	2017	dose	outside the treated volume
TG132	Use of image registration and fusion algorithms and techniques in radiotherapy	2017	image registration	fusion
UN 25	Joint recommendations by the AAPM and GEC-ESTRO: Supplement 2 for the 2004 update of the AAPM Task Group No. 43 Report	2017	brachytherapy	
TG100	Application of risk analysis methods to radiation therapy quality management	2016	risk analysis	
TG196	Technical Note: Gray tracking in medical color displays—A report of Task Group 196	2016	displays	
TG175	Acceptance Testing and Quality Control of Dental Imaging Equipment	2016	dental	QC
TG167	Guidelines by the AAPM and GEC-ESTRO on the use of innovative brachytherapy devices and applications	2016	brachytherapy	
TG195	Monte Carlo Reference Data Sets for Imaging Research	2015	monte carlo	imaging research
TG190	Accuracy and calibration of integrated radiation output indicators in diagnostic radiology	2015	diagnostic radiology	radiation output
TG151	Ongoing Quality Control in Digital Radiography	2015	DR	QC
TG118	Parallel Imaging in MRI: Technology, Applications, and Quality Control	2015	MRI	QC
TG071	Monitor unit calculations for external photon and electron beams	2014	MU	
TG223	Radiation dosimetry in digital breast tomosynthesis	2014	tomosynthesis	
TG220	Use of Water Equivalent Diameter for Calculating Patient Size and Size-Specific Dose Estimates (SSDE) in CT	2014	CT	
TG192	AAPM and GEC-ESTRO guidelines for image-guided robotic brachytherapy	2014	brachytherapy	robotic
TG136	Potential Hazard Due to Induced Radioactivity Secondary to Radiotherapy	2014	radioactivity	radiotherapy
TG176	Dosimetric effects caused by couch tops and immobilization devices	2014	couch tops	dosimetry
255	An introduction to molecular imaging in radiation oncology: A report by the AAPM Working Group on Molecular Imaging in Radiation Oncology (WGMIR)	2013	molecular imaging	oncology
249	Essentials and Guidelines for Clinical Medical Physics Residency Training Programs	2013	residency training	
TG217	Radiation Dose from Airport Scanners	2013	airport scanners	
TG140	Absolute calibration of optical power for PDT	2013	PDT	calibration
229	Dose Calculation for Photon-Emitting Brachytherapy Sources with Average Energy Higher than 50 keV	2012	photon-emitting brachytherapy	calibration
TG186	Model-based dose calculation methods in brachytherapy beyond the TG-43 formalism: Current status and recommendations for clinical implementation	2012	brachytherapy	model-based
TG181	The Selection, Use, Calibration, and Quality Assurance of Radionuclide Calibrators Used in Nuclear Medicine	2012	nuclear medicine	calibration
TG179	Quality assurance for image-guided radiation therapy utilizing CT-based technologies	2012	IGRT	QA
TG166	The Use and QA of Biologically Related Models for Treatment Planning	2012	biological model planning	QA
TG147	Quality assurance for nonradiographic radiotherapy localization and positioning systems	2012	nonradiographic positioning	QA
TG129	Dosimetry of 125I and 103Pd COMS eye plaques for intraocular tumors	2012	eye plaques	dosimetry
TG125	Functionality and Operation of Fluoroscopic Automatic Brightness Control/Automatic Dose Rate Control Logic in Modern Cardiovascular and Interventional Angiography Systems	2012	interventional angiography	fluoroscopy
TG124	A Guide for Establishing a Credentialing and Privileging Program for Users of Fluoroscopic Equipment in Healthcare Organizations	2012	fluoroscopy	healthcare
TG204	Size-Specific Dose Estimates (SSDE) in Pediatric and Adult Body CT Examinations	2011	CT	SSDE
197S	The Essential Medical Physics Didactic Elements for Physicists Entering the Profession through an Alternative Pathway	2011	didactic	physicists
TG154	Quality assurance of U.S.-guided external beam radiotherapy for prostate cancer	2011	U.S.-guide	prostate
TG144	Recommendations of the American Association of Physicists in Medicine on dosimetry, imaging, and quality assurance procedures for 90Y microsphere brachytherapy in the treatment of hepatic malignancies	2011	90Y	liver brachytherapy
TG135	Quality assurance for robotic radiosurgery	2011	robotic radiosurgery	QA
TG120	Dosimetry tools and techniques for IMRT	2011	IMRT	QA
TG114	Verification of monitor unit calculations for non-IMRT clinical radiotherapy	2011	MU	non-IMRT

TG160	Radiation Safety Officer Qualifications for Medical Facilities	2010	radiation safety	facilities
TG159	Recommended ethics curriculum for medical physics graduate and residency programs	2010	curriculum	medical physics
TG148	QA for helical tomotherapy	2010	tomotherapy	QA
TG121	Off-label use of medical products in radiation therapy	2010	labeling regarding	products
TG111	Comprehensive Methodology for the Evaluation of Radiation Dose in X-Ray Computed Tomography	2010	CT	dose
TG101	Stereotactic body radiation therapy	2010	SBRT	
TG001	Acceptance Testing and Quality Assurance Procedures for Magnetic Resonance Imaging Facilities	2010	MR	QA
TG201	Information technology resource management in radiation oncology	2009	information technology	oncology
197	Academic Program Recommendations for Graduate Degrees in Medical Physics	2009	academic program	medical physics
152	The 2007 AAPM response to the CRCPD request for recommendations for the CRCPD's model regulations for electronic brachytherapy	2009	electronic brachytherapy	
TG142	Quality assurance of medical accelerators	2009	QA	accelerator
TG137	AAPM recommendations on dose prescription and reporting methods for permanent interstitial brachytherapy for prostate cancer	2009	interstitial brachytherapy	
TG119	IMRT commissioning: Multiple institution planning and dosimetry comparisons	2009	IMRT	commissioning
TG116	An Exposure Indicator for Digital Radiography	2009	exposure Indicator	digital radiography
TG109	Code of Ethics for the American Association of Physicists in Medicine	2009	code	ethics
TG104	The Role of In-Room kV X-Ray Imaging for Patient Setup and Target Localization	2009	in-room kV image	
TG070	Recommendations for clinical electron beam dosimetry: Supplement to the recommendations of Task Group 25	2009	electron	dosimetry
TG074	In-air output ratio, Sc, for megavoltage photon beams	2009	in-air output ratio	
TG133	Alternative Clinical Medical Physics Training Pathways for Medical Physicists	2008	medical physicists	training
TG128	Quality assurance tests for prostate brachytherapy ultrasound systems	2008	ultrasound guide	prostate brachytherapy
TG106	Accelerator beam data commissioning equipment and procedures	2008	commissioning	accelerator
098	Third-party brachytherapy source calibrations and physicist responsibilities	2008	brachytherapy	calibrations
TG023	The Measurement, Reporting, and Management of Radiation Dose in CT	2008	CT	ALARA
TG069	Radiographic film for megavoltage beam dosimetry	2007	radiographic film	dosimetry
TG076	The Management of Respiratory Motion in Radiation Oncology	2006	respiratory motion	
TG068	Intracranial stereotactic positioning systems	2005	intracranial stereotactic positioning	
TG065	Tissue Inhomogeneity Corrections for Megavoltage Photon Beams	2004	tissue inhomogeneity	
TG066	Quality assurance for computed-tomography simulators and the computed-tomography-simulation process	2003	CT-simulation	QA
082	Guidance document on delivery, treatment planning, and clinical implementation of IMRT	2003	IMRT	

ESTRO Physics Booklets

GEC-ESTRO ACROP Recommendations	GEC-ESTRO ACROP Recommendations on Calibration and Traceability of HE HDR-PDR Photon-Emitting Brachytherapy Sources at the Hospital Level	2022	Brachytherapy	Dosimetry
ESTRO-ACROP guideline	ESTRO ACROP guidelines for external beam radiotherapy of patients with uncomplicated bone metastases	2022	external beam radiotherapy	uncomplicated bone metastases
ESTRO-ACROP guideline	ESTRO ACROP guidelines for external beam radiotherapy of patients with complicated bone metastases	2022	external beam radiotherapy	complicated bone metastases
ESTRO ACROP and SIOPE recommendations	ESTRO ACROP and SIOPE recommendations for myeloablative total body irradiation in children	2022	TBI	children
ESTRO-ACROP guideline	ESTRO-ACROP guideline on surface guided radiation therapy	2022	surface guide	guidelines
GEC ESTRO ACROP consensus recommendations	GEC ESTRO ACROP consensus recommendations for contact brachytherapy for rectal cancer	2021	brachytherapy	rectal cancer
Joint EANM/SNMMI/ESTRO practice recommendations	Perspective paper about the joint EANM/SNMMI/ESTRO practice recommendations for the use of 2-[18F]FDG-PET/CT external beam radiation treatment planning in lung cancer	2022	FDG-PET/CT	lung cancer
GEC-ESTRO ACROP	GEC-ESTRO ACROP prostate brachytherapy guidelines	2022	brachytherapy	prostate
	European Society for Radiotherapy and Oncology Advisory Committee in Radiation Oncology Practice consensus recommendations on patient selection and dose and fractionation for external beam radiotherapy in early breast cancer	2022	patient selection	early breast cancer
ESTRO ACROP guidelines	ESTRO ACROP guidelines for the delineation of lymph nodal areas in upper gastrointestinal malignancies	2021	delineation of lymph node	gastrointestinal malignancies
IBS-GEC ESTRO-ABS recommendations	CT based contouring in image guided adaptive brachytherapy for cervical cancer	2021	cervical cancer	CT based contouring
An ESTRO ACROP Delphi	Salvage stereotactic body radiotherapy (SBRT) for intraprostatic relapse after prostate cancer radiotherapy	2021	prostate cancer	salvage SBRT
ESTRO-ACROP recommendations	clinical implementation of hybrid MR-linac systems in radiation oncology	2021	MR-Linac	Implementation
ESGO/ESTRO/ESP guidelines	management of patients with endometrial carcinoma	2021	endometrial carcinoma	guidelines
No. 1	Methods for in vivo Dosimetry in external Radiotherapy		RT	in vivo Dosimetry
No. 2	Recommendations for a Quality Assurance Programme in External Radiotherapy		RT	QA
No. 3	Physics for Clinical Radiotherapy		RT	physics
No. 4	Practical Guidelines for the Implementation of Quality System in Radiotherapy		RT	quality system
No. 5	Practical Guidelines for the Implementation of in vivo dosimetry with diodes in external radiotherapy with photon beams (entrance dose)		in vivo Dosimetry	diodes
No. 6	Monitor Unit Calculation For High Energy Photon Beams, Practical Examples		RT	MU
No. 7	Quality Assurance of Treatment Planning Systems – Practical Examples for non-IMRT Photon Beams		TPS	QA
No. 8	A Practical Guide to Quality Control of Brachytherapy Equipment		brachytherapy	QA
No. 9	Guidelines for the verification of IMRT		IMRT	verification
No. 10	Independent Dose Calculations Concepts and Models		RT	independent calculations
WP1	Dose Delivery Audit	2006	audit system	brachytherapy
WP2	Geometric Reconstruction Audit	2006	reconstruction	brachytherapy
WP3	QA Recommendations	2004	Quality Control	brachytherapy
WP6	Prostate Survey of Practices	2007	Prostate implants	brachytherapy
WP7	Phantom Studies for Physics Part	2005	Prostate implants	phantoms
WP8	Evaluation of Clinical Part of Implant Techniques		Prostate implants	Implant Techniques
WP9	New recommendations	2007	Prostate implants	New recommendations
WP10	DVH Calculation Evaluation	2007	DVH	brachytherapy treatment planning
WP11	Physics Data	2008	protection data	brachytherapy
WP12	QA for Implant Dosimetry in LDR and HDR	2019	ultrasound	QA checks
WP13	Uncertainties in Brachytherapy			
WP15	Interobserver Variability Study	2010	prostate implants	Interobserver
WP16	Integral Doses in Brachytherapy		brachytherapy	integral doses
WP18	LDR Source		calibration	LDR Source

Human Health Reports No. 17	Selecting Megavoltage Treatment Technologies in External Beam Radiotherapy	2022	Megavoltage Treatment Technologies	selecting
Human Health Series No. 38	Atlas of Non-FDG PET-CT in Diagnostic Oncology	2021	Non-FDG PET-CT	Diagnostic Oncology
Human Health Series No. 39	Implementation of a Remote and Automated Quality Control Programme for Radiography and Mammography Equipment	2021	Radiography and Mammography	Remote and Automated Quality Control
Human Health Series No. 37	Nuclear Medicine Resources Manual 2020 Edition	2020	nuclear medicine	practice
Human Health Reports No. 16	Introduction of Image Guided Radiotherapy into Clinical Practice	2019	image guide	quality assurance
Human Health Series No. 36	SPECT/CT Atlas of Quality Control and Image Artefacts	2019	SPECT	quality control
Human Health Reports No. 15	Medical Physics Staffing Needs in Diagnostic Imaging and Radionuclide Therapy: An Activity Based Approach	2018	staffing	medical physics
Human Health Series No. 35	Assessment of Zinc Metabolism in Humans Using Stable Zinc Isotope Techniques	2018	metabolism	zinc isotope
Human Health Series No. 31	Accuracy Requirements and Uncertainties in Radiotherapy	2016	uncertainties	radiotherapy
Human Health Series No. 34	Atlas of Skeletal SPECT/CT Clinical Images	2016	atlas	SPECT
Human Health Series No. 23 (Rev.1)	Nuclear Cardiology: Guidance on the Implementation of SPECT Myocardial Perfusion Imaging	2016	nuclear cardiology	SPECT
Human Health Series No. 33	Quality Management Audits in Nuclear Medicine Practices	2015	Nuclear Medicine	Quality Management,
Human Health Series No. 32	Clinical PET/CT Atlas: A Casebook of Imaging in Oncology	2015	casebook	PET
Human Health Series No. 25	Roles and Responsibilities, and Education and Training Requirements for Clinically Qualified Medical Physicists	2015	education and training	medical physicists
Human Health Series No. 24	Dosimetry in Diagnostic Radiology for Paediatric Patients	2014	dosimetry	paediatric
Human Health Series No. 29	Guided Intraoperative Scintigraphic Tumour Targeting (GOSTT) Implementing Advanced Hybrid Molecular Imaging and Non-imaging Probes for Advanced Cancer Management	2014	radiopharmaceuticals	sentinel lymph node
Human Health Series No. 30	Implementation of High Dose Rate Brachytherapy in Limited Resource Settings	2015	brachytherapy	developing countries
Human Health Series No. 27	PET/CT Atlas on Quality Control and Image Artefacts	2014	PET/CT	image artefacts
Human Health Reports No. 10	Radiotherapy Facilities: Master Planning and Concept Design Considerations	2014	radiotherapy facility	master planning
Human Health Series No. 14	Planning National Radiotherapy Services: A Practical Tool	2015	national radiotherapy services	
Human Health Reports No. 9	Quantitative Nuclear Medicine Imaging: Concepts, Requirements and Methods	2014	nuclear medicine imaging	
Human Health Series No. 5	Radiolabelled Autologous Cells: Methods and Standardization for Clinical Use	2015	radiolabelled	autologous cells
Human Health Series No. 7	Stable Isotope Technique to Assess Intake of Human Milk in Breastfed Infants	2015	isotope technique	nutrition
Human Health Reports No. 14	Aspectos Clínicos de la Garantía de Calidad en Radioterapia: Guía de Gestión de Calidad Clínica	2015	<Spanish>	
Human Health Reports No. 13	Staffing in Radiotherapy: An Activity Based Approach	2015	radiotherapy	staffing
Human Health Reports No. 11	Strategies for the Management of Localized Prostate Cancer: A Guide for Radiation Oncologists	2015	prostate cancer	strategies
Human Health Reports No. 12	The Transition from 2-D Brachytherapy to 3-D High Dose Rate Brachytherapy	2015	brachytherapy	3-D
Human Health Series No. 28	Worldwide Implementation of Digital Imaging in Radiology	2015	digital imaging	
Technical Reports Series No. 487	Quality Assurance and Quality Control in Neutron Activation Analysis: A Guide to Practical Approaches	2022	Neutron Activation Analysis	Quality Assurance
Technical Reports Series No. 1001	Managing the Interface between Safety and Security for Normal Commercial Shipments of Radioactive Material	2021	Radioactive Material	Safe Transport
Technical Reports Series No. 1000	The Nuclear Safety and Nuclear Security Interface: Approaches and National Experiences	2021	Nuclear Safety	Security Interface
Technical Reports Series No. 486	Guidelines on Soil and Vegetation Sampling for Radiological Monitoring	2019	radiological monitoring	soil
Technical Reports Series No. 485	Improvement of the Reliability and Accuracy of Heavy Ion Beam Analysis	2019	heavy ion beam	reliability
Technical Reports Series No. 483	Dosimetry of Small Static Fields Used in External Beam Radiotherapy An International Code of Practice for Reference and Relative Dose Determination Prepared Jointly by the IAEA and AAPM	2016	small fields	dosimetry
General Safety Guides No. GSG-14	Arrangements for Public Communication in Preparedness and Response for a Nuclear or Radiological Emergency	2020	radiological emergency	Public Communication
Specific Safety Guides No. SSG-57	Radiation Safety in Well Logging	2020	Safety Guide	radiation protection
Specific Safety Guides No. SSG-59	Radiation Safety of Accelerator Based Radioisotope Production Facilities	2020	Safety Guide	production of radioisotopes
Clinical, Medical Physics, Radiation Protection and Safety Aspects	Setting Up a Radiotherapy Programme	2015	radiotherapy	programme
Services Series 21-updated	Guidance for States Implementing Comprehensive Safeguards Agreements and Additional Protocols (IAEA Services Series 21-updated) (December 2014)	2014	safeguards	
	Nuclear Medicine Physics A Handbook for Teachers and Students	2015	nuclear medicine	teachers and students
	Diagnostic Radiology Physics A Handbook for Teachers and Students	2014	diagnostic	teachers and students
Proceedings Series	Advances in Radiation Oncology (ICARO-2)	2020	Radiation Oncology	International Conference
Non-serial Publications	Comprehensive Audits of Radiotherapy Practices: A Tool for Quality Improvement	2022	audits	Radiotherapy Practices
Non-serial Publications	Artificial Intelligence for Accelerating Nuclear Applications, Science and Technology	2022	AI	Nuclear Applications
Non-serial Publications	Setting Up a Cancer Centre: A WHO-IAEA Framework	2022	Cancer Centre	Roadmap
Non-serial Publications	Integrated Non-Invasive Cardiovascular Imaging: A Guide for the Practitioner	2021	Non-Invasive Cardiovascular Imaging	
Non-serial Publications	COVID-19 Pandemic: Technical Guidance for Nuclear Medicine Departments	2020	COVID-19	Nuclear Medicine
Non-serial Publications	Radiotherapy in Cancer Care: Facing the Global Challenge	2017	radiotherapy	global

Radioisotopes and Radiopharmaceuticals Reports No. 2	Accelerator-based Alternatives to Non-HEU Production of Technetium-99m	2017	production and separat	Technetium-99m
Radioisotopes and Radiopharmaceuticals Reports No. 6	Cyclotron Produced Radionuclides: Emerging Positron Emitters for Medical Applications: 64Cu and 124I	2016	production and applications	64Cu and 124I
Radioisotopes and Radiopharmaceuticals Series No. 6	Radiopharmaceuticals for Sentinel Lymph Node Detection: Status and Trends	2015	sentinel lymph node detection	radiopharmaceuticals
Radioisotopes and Radiopharmaceuticals Series No. 5	Yttrium-90 and Rhenium-188 Radiopharmaceuticals for Radionuclide Therapy	2015	radionuclide	therapy
TECDOC Series No. 1583	Commissioning of Radiotherapy Treatment Planning Systems: Testing for Typical External Beam Treatment Techniques Report of the Coordinated Research Project on Development of Procedures for Quality Assurance of Dosimetry Calculations in Radiotherapy	2016	commissioning	TPS
TECDOC Series No. 1782	Good Practice for Introducing Radiopharmaceuticals for Clinical Use	2015	radiopharmaceuticals	expedite the introduction
TECDOC Series No. 1735	The Information System on Occupational Exposure in Medicine, Industry and Research (ISEMIR): Interventional Cardiology	2015	cardiology	protection

## ICRU

ICRU Report 96	Dosimetry-Guided Radiopharmaceutical Therapy	2021	Radiopharmaceutical therapy	Dosimetry
ICRU Report 95	Operational Quantities for External Radiation Exposure	2020	Conversion coefficients	protection
ICRU Report 94	Methods for Initial-Phase Assessment of Individual Doses Following Acute Exposures to Ionizing Radiation	2020	acute exposure	dose assessment
ICRU Report 93	Prescribing, Recording, and Reporting Light Ion Beam Therapy	2020	ion beam therapy	RBE-weighted dose
ICRU Report 92	Radiation Monitoring for Protection of the Public after Major Releases of Radionuclides to the Environment	2019	radiation monitoring	radionuclides
ICRU Report 91	Prescribing, Recording, and Reporting of Stereotactic Treatments with Small Photon Beams	2018	stereotactic treatments	
ICRU Report 90	Key Data For Ionizing-Radiation Dosimetry: Measurement Standards And Applications	2017	dosimetry	key data
ICRU Report 89	Prescribing, Recording, and Reporting Brachytherapy for Cancer of the Cervix	2016	brachytherapy	
ICRU Report 88	Measurement and Reporting of Radon Exposures	2013	radon exposures	
ICRU Report 87	Radiation Dosimetry and Image Quality Assessment in Computed Tomography	2012	CT	QA
ICRU Report 85a-Revised	Fundamental Quantities and Units for Ionizing Radiation	2011	quantities, units	
ICRU Report 86	Quantification and Reporting of Low-Dose and Other Heterogeneous Exposures	2011	quantification	absorbed dose
ICRU Report 83	Prescribing, Recording, and Reporting Intensity-Modulated Photon-Beam Therapy (IMRT)	2010	IMRT	prescribing
ICRU Report 78	Prescribing, Recording, and Reporting Proton-Beam Therapy	2007	proton	prescribing
ICRU Report 71	Prescribing, Recording, and Reporting Electron Beam Therapy	2004	electron	prescribing
ICRU Report 62	Prescribing, Recording and Reporting Photon Beam Therapy	1999	new concepts	volumes
ICRU Report 50	Prescribing, Recording, and Reporting Photon Beam Therapy	1993	radiation therapy	volumes

Publication 152	Radiation Detriment Calculation Methodology	2022	Radiation Detriment	Calculation Methodology
Publication 151	Occupational Intakes of Radionuclides: Part 5	2022	Occupational Intakes	Radionuclides
Publication 150	Cancer Risk from Exposure to Plutonium and Uranium	2021	Cancer risk	Plutonium and Uranium
Publication 149	Occupational Radiological Protection in Brachytherapy	2021	Protection	Brachytherapy
Publication 148	Radiation Weighting for Reference Animals and Plants	2021	biological impact	RBE
Publication 147	Use of Dose Quantities in Radiological Protection	2021	protection	effective dose
ICRU Report 95 (joint with ICRP)	Operational Quantities for External Radiation Exposure	2020	Conversion coefficients	protection
ICRP 2019 Proceedings	Proceedings of the Fifth International Symposium on the System of Radiological Protection	2019	protection	Symposium
Publication 146	Radiological Protection of People and the Environment in the Event of a Large Nuclear Accident	2020	nuclear accident	protection
Publication 145	Adult Mesh-type Reference Computational Phantoms	2020	Phantoms	mesh-type
Publication 144	Dose Coefficients for External Exposures to Environmental Sources	2020	coefficients	PHITS
Publication 143	Paediatric Computational Reference Phantoms	2020	Paediatric	phantoms
Publication 142	Radiological Protection from Naturally Occurring Radioactive Material (NORM) in Industrial Processes	2019	protection	naturally occurring radioactive
Publication 141	Occupational Intakes of Radionuclides: Part 4	2019	intakes of radionuclides	effective dose
Publication 140	Radiological Protection in Therapy with Radiopharmaceuticals	2019	Radiopharmaceuticals	calculating radiation doses
ICRP2017 Proceedings	Proceedings of the Fourth International Symposium on the System of Radiological Protection	2018	protection	symposium
Publication 139	Occupational Radiological Protection in Interventional Procedures	2018	protection	Interventional
Publication 138	Ethical Foundations of the System of Radiological Protection	2018	protection	ethics
Publication 137	Occupational Intakes of Radionuclides: Part 3	2017	occupational intakes	
Publication 136	Dose Coefficients for Non-human Biota Environmentally Exposed to Radiation	2017	dose coefficients	non-human
Publication 135	Diagnostic Reference Levels in Medical Imaging	2016	reference levels	medical imaging
Fukushima Proceedings	Proceedings of the International Workshop on the Fukushima Dialogue Initiative	2016	Fukushima	workshop
Publication 134	Occupational Intakes of Radionuclides: Part 2	2016	occupational intakes	
Publication 133	The ICRP Computational Framework for Internal Dose Assessment for Reference Adults: Specific Absorbed Fractions	2016	internal exposures	radionuclides
Publication 132	Radiological Protection from Cosmic Radiation in Aviation	2016	protection	cosmic radiation
Publication 131	Stem Cell Biology with Respect to Carcinogenesis Aspects of Radiological Protection	2015	protection	stem cells
Publication 130	Occupational Intakes of Radionuclides: Part 1	2015	occupational intakes	
Publication 129	Radiological Protection in Cone Beam Computed Tomography (CBCT)	2015	radiological protection	CBCT
Publication 128	Radiation Dose to Patients from Radiopharmaceuticals: A Compendium of Current Information Related to Frequently Used Substances	2015	radiation dose to patients	
Publication 127	Radiological Protection in Ion Beam Radiotherapy	2014	radiological protection	radiotherapy
Publication 126	Radiological Protection against Radon Exposure	2014	radiological protection	radon exposure
Publication 125	Radiological Protection in Security Screening	2014	protection	security screening
Publication 124	Protection of the Environment under Different Exposure Situations	2014	protection	

Report No. 187	Operational Radiation Safety Program	2022	radiation safety	
Report No. 186	Approaches for Integrating Information from Radiation Biology and Epidemiology to Enhance Low-Dose Health Risk Assessment	2020	radiation-induced cancers	risk assessment
Report No. 185	Evaluating and Communicating Radiation Risks for Studies Involving Human Subjects: Guidance for Researchers and Institutional Review Boards	2020	radiation risks	accurate guidance
Report No. 184	Medical Radiation Exposure of Patients in the United States	2019	medical exposure of patients	individual effective dose
Report No. 183	Radiation Exposure in Space and the Potential for Central Nervous System Effects: Phase II	2019	space radiation exposure	space activities
Report No. 182	Radiation Safety of Sealed Radioactive Sources	2019	sealed radioactive source	radiation safety
Report No. 181	Evaluation of the Relative Effectiveness of Low-Energy Photons and Electrons in Inducing Cancer in Humans	2018	probability density functions	lower-energy groups of photons
Report No. 180	Management of Exposure to Ionizing Radiation: Radiation Protection Guidance for the United States	2018	medical use of ionizing radiation	radiation protection
Report No. 179	Guidance for Emergency Response Dosimetry	2017	emergency response	nuclear incident
Report No. 178	Deriving Organ Doses and Their Uncertainty for Epidemiologic Studies (with a Focus on the One Million U.S. Workers and Veterans Study of Low-Dose Radiation Health Effects)	2018	organ doses	low-dose radiation health
Report No. 177	Radiation Protection in Dentistry and Oral & Maxillofacial Imaging	2019	dental practice	radiation protection
Report No. 176	Radiation Safety Aspects of Nanotechnology	2017	nanotechnology	radiation safety
Report No. 175	Decision Making for Late-Phase Recovery from Major Nuclear or Radiological Incidents	2014	recovery	incidents
Report No. 174	Preconception and Prenatal Radiation Exposure: Health Effects and Protective Guidance	2013	health effects	