

## Key word

Key wordは、以下の表を参考に語句を選んでください。

- (1)まず、左端の一般の白抜きから1つ選んでください。
- (2)次に、該当する演題区分の中から適応する語句4つ以内で選んでください。
- (3)投稿区分が多岐にわたる場合は、区分を超えて選んでいただいて結構です。
- (4)該当語句がない場合は、その他を選んでいただき自由に記入してください。

別表3 Key word の例

一 般	放射線技術概論・放射線管理	X線CT	MR	放射線治療
head and neck	absorbed dose	artifact	3D imaging	3D radiation planning
spine	accident	bolus tracking	7.0 T	brachytherapy
chest	automatic exposure control (AEC)	contrast noise ratio (CNR)	arterial spin labeling (ASL)	calculation algorithm
abdomen	autopsy imaging (AI)	CT dose index (CTDI)	artifact	cone beam computed tomography (CBCT)
heart	average glandular dose (AGD)	CT fluoroscopy	B1 shimming	detector characteristic
pelvic	back scatter factor (BSF)	CT-automatic exposure control (CT-AEC)	computer simulation	dose evaluation
liver	chamber	density detectability	contrast agent	dosimetric verification
breast	diagnostic reference level (DRL)	ECG gated scan	device	dosimetry
bone	dose area product meter	effective slice width	diffusion weighted image (DWI)	electric portal image device (EPID)
vessel	dose index	helical pitch (HP)	dynamic imaging	electron beam
muscle	education	high resolution CT (HRCT)	echo planar imaging (EPI)	geometric verification
physics	effective dose (E)	iterative reconstruction	fast imaging	geometrical precision
measurement	entrance skin dose (ESD)	modulation transfer function (MTF)	fat suppression	image-guided radiation therapy (IGRT)
dosimetry	external exposed dose	noise power spectrum (NPS)	functional MRI (fMRI)	immobilization precision
others	fluoroglass dosimeter	pitch factor (PF)	gating	intensity modulated radiation therapy (IMRT)
	half value layer (HVL)	reconstruction factor	gradient echo (field echo)	intracavitary irradiation
	human body phantom	slice sensitivity profile at z axis (SSP)	high magnetic field MRI	irradiation precision
	human error	spatial resolution	image processing	irradiation technology
	incident	temporal resolution	inversion recovery (IR)	monitor unit calculation
	internal exposure dose	time sensitivity profile (TSP)	k-space	multi-leaf collimator (MLC)
	maintenance check	<b>X線検査</b>	MR angiography (MRA)	output factor
	manual		MR elastography	particle-beam radiation therapy
	medical exposure	active matrix liquid crystal displays	MR hydrography	patient positioning
	Monte Carlo calculation/simulation	3D rotational angiography	MR mammography	precision control
	on the job training (OJT)	angiography	MR microscopy	quality assurance (QA)
	optically stimulated luminescence (OSL)	angio CT	MR myelography	quality control (QC)
	optimisation	arthrography	MR spectroscopy (MRS)	radiation biology
	optimisation of protection (and safety)	anti-scatter grid	MR venography (MRV)	radiation exposure control
	organ dose	artifacts	open MRI	radiation field verification
	phantom	automatic brightness control	parallel imaging	radiation planning
	public exposure	automatic exposure control	perfusion weighted image (PWI)	respiratory gating
	quality assurance (QA)	computed radiography (CR)	pulse sequence	simulation
	quality control (QC)	cone-beam computed tomography (CBCT)	radial imaging	stereotactic irradiation
	questionnaire survey	contrast medium	reconstruction	system
	radiation equipment management	dental radiology	safety	target setting
	radiation weighting factor (WR)	detective quantum efficiency (DQE)	shimming	verification image
	re-exposure	digital radiography (DR)	SNR (CNR)	<b>医療情報</b>
	risk analysis	digital subtraction angiography (DSA)	spin echo (SE)	business intelligence (BI)
	safety management	dose area product (DAP)	steady state free precession (SSFP)	business management
	scattering radiation	dynamic analysis	surface coil	cloud computing
	simulation	dynamic study	tool	
	thermo luminescence dosimeter (TLD)	energy subtraction	<b>骨値定量</b>	data mining
	tissue reaction	examination table		data warehouse (DWH)
	tissue weighting factor (WT)	exposure condition	bone mineral content (BMC)	database (DB)
	X-ray protection clothes	exposure index (EI)	bone mineral density (BMD)	digital imaging and communication in medicine (DICOM)
	<b>画像工学</b>	extra filtration	computed X-ray densitometer (CXD)	education
		flat panel detector (FPD)	digital image processing method (DIP)	electronic health record (HER)
	computed radiography (CR)	general radiography	dual energy X-ray absorptiometry (DXA)	electronic learning (e-learning)
	computer-aided diagnosis (CAD)	general vertebral column radiography ; while spine	microdensitometry (MD)	guidelines
	contrast noise ratio (CNR)	image intensifier (I.I.)	osteoporosis	health level 7 (HL7)
	contrast transfer function (CTF)	image processing	quantitative computed tomography (QCT)	hospital information exchange
	conventional screen-film system	image post-processing	quantitative Ultrasound (QUS)	hospital information system (HIS)
	detective quantum efficiency (DQE)	image quality	single X-ray absorptiometry (SXA)	image display
	digital mammography	image stitching	<b>核医学</b>	image quality assurance
	digital radiography (DR)	interventional reference point (IRP)		information security
	dynamic range	interventional radiology (IVR)	<sup>18</sup> F-fluorodeoxyglucose (FDG)	information studies
	exposure index (EI)	long view examination	3D stereotactic surface projection (3D-SSP)	information technology infrastructure (IT infrastructure)
	flat panel detector (FPD)	mammography	attenuation correction	integrating the healthcare enterprise (IHE)
	image processing	mobile x-ray unit	brain perfusion	JJ1017
	image reconstruction	modulation transfer function (MTF)	Bull's eye	master
	input-output characteristic curve	noise power spectrum (NPS)	cerebral blood flow (CBF)	mobile computing
	liquid crystal display (LCD)	non-vascular intervention	coincidence	national database
	modulation transfer function (MTF)	panoramic radiography	collimator	natural language processing (NLP)
	noise equivalent quanta (NEQ)	patient dose	dynamic SPECT	ontology
	noise power spectrum (NPS)	pediatric radiology	filtered back projection (FBP)	personal health record (PHR)
	observer study	phase contrast	fourier analysis	picture archiving and communication system (PACS)
	optical transfer function (OTF)	positioning	gated myocardial perfusion	radiology information system (RIS)
	patient dose reduction	pulsed fluoroscopy	image fusion	reporting system
	photon counting system	quality assurance (QA)	iterative reconstruction	risk management
	presampled MTF	quality control (QC)	listmode	standardization
	receiver operating characteristic (ROC) analysis	quantitative coronary angiography (QCA)	motion correction	statistical analysis
	root mean square (RMS)	radiation protection	myocardial perfusion	system development
	sensitivity	signal-to-noise ratio (SNR)	noise equivalent count rate (NECR)	system management
	signal-noise ratio (SNR)	system sensitivity	normalized mean square error(NMSE)	telemedicine and telecare
	specificity	tomosynthesis	ordered subset-expectation maximization (OSEM)	terminology
	unsharp masking (USM)	trauma	PET	work flow
	wiener spectrum (WS)	vascular intervention	PET/CT	
		wedge filter	PET/MRI	
		X-ray spectrum	phase analysis	
		<b>超音波</b>	point spread function (PSF)	
			respiratory motion	
		artifact	resolution correction	
		contrast enhanced ultrasonography	scatter correction	
		contrast harmonic imaging (CHI)	scintillator detector	
		doppler color flow imaging	sentinel lymph node (SLN)	
		mechanical index (MI)	simulation	
		pulse repetition frequency (PRF)	SPECT	
		spectrum analysis	SPECT/CT	
		tissue harmonic imaging (THI)	standardized uptake value (SUV)	
		transducer	statistical image	
		ultrasonic diagnostic equipment	time of flight (TOF)	