

別表 2 キーワードの例

| 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 | | MR angiography (MRA) | output factor |
| | manual | X線検査 | 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) | |
| | risk analysis | digital subtraction angiography (DSA) | spin echo (SE) | 医療情報 |
| | safety management | dose area product (DAP) | steady state free precession (SSFP) | business intelligence (BI) |
| | scattering radiation | dynamic analysis | surface coil | business management |
| | simulation | dynamic study | tool | cloud computing |
| | thermo luminescence dosimeter (TLD) | energy subtraction | | data mining |
| | tissue reaction | examination table | 骨値定量 | 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) |
| | | extra filtration | computed X-ray densitometer (CXD) | education |
| | 画像工学 | 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 | | image quality assurance |
| | digital radiography (DR) | interventional reference point (IRP) | 核医学 | information security |
| | dynamic range | interventional radiology (IVR) | ¹⁸ 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 | |
| | | 超音波 | point spread function (PSF) | |
| | | artifact | respiratory motion | |
| | | contrast enhanced ultrasonography | resolution correction | |
| | | contrast harmonic imaging (CHI) | scatter correction | |
| | | doppler color flow imaging | scintillator detector | |
| | | mechanical index (MI) | sentinel lymph node (SLN) | |
| | | pulse repetition frequency (PRF) | simulation | |
| | | spectrum analysis | SPECT | |
| | | tissue harmonic imaging (THI) | SPECT/CT | |
| | | transducer | standardized uptake value (SUV) | |
| | | ultrasonic diagnostic equipment | statistical image | |
| | | | time of flight (TOF) | |