別表 2　キーワードの例

一般
head and neck, spine, chest, abdomen, heart, pelvic, liver, breast, bone, vessel, muscle, physics, measurement, dosimetry, others

放射線技術概論・放射線管理
- absorbed dose
- accident
- automatic exposure control (AEC)
- autopsy imaging (Ai)
- average glandular dose (AGD)
- back scatter factor (BSF)
- chamber
- diagnostic reference level (DRL)
- dose area product meter
- dose index
- education
- effctive dose (E)
- entrance skin dose (ESD)
- external exposed dose
- fluoroglass dosimeter
- half value layer (HVL)
- human body phantom
- human error
- incident
- internal exposure dose
- maintenance check
- manual
- medical exposure
- Monte Carlo calculation/simulation
- on the job training (OJT)
- optically stimulated luminescence (OSL)
- optimisation
- optimisation of protection (and safety)
- organ dose
- phantom
- public exposure
- quality assurance (QA)
- quality control (QC)
- questionnaire survey
- radiation equipment management
- radiation weighting factor (WR)
- re-exposure
- risk analysis
- safety management
- scattering radiation
- simulation
- thermo luminescence dosimeter (TLD)
- tissue reaction
- tissue weighting factor (WT)
- X-ray protection clothes

画像工学
- computed radiography (CR)
- computer- aided diagnosis (CAD)
- contrast noise ratio (CNR)
- contrast transfer function (CTF)
- conventional screen-film system
- detective quantum efficiency (DQE)
- digital mammography
- digital radiography (DR)
- dynamic range
- exposure index (EI)
- flat panel detector (FPD)
- image processing
- image reconstruction
- input-output characteristic curve
- liquid crystal display (LCD)
- modulation transfer function (MTF)
- noise equivalent quanta (NEQ)
- noise power spectrum (NPS)
- observer study
- optical transfer function (OTF)
- patient dose reduction
- photon counting system
- presampled MTF
- receiver operating characteristic (ROC) analysis
- root mean square (RMS)
- sensitivity
- signal-noise ratio (SNR)
- specificity
- unsharp masking (USM)
- wiener spectrum (WS)

X線CT
- artifact
- bolus tracking
- contrast noise ratio (CNR)
- CT dose index (CTDI)
- CT fluoroscopy
- CT-automatic exposure control (CT-AEC)
- density detectability
- ECG gated scan
- effective slice width
- helical pitch (HP)
- high resolution CT (HRCT)
- iterative reconstruction
- modulation transfer function (MTF)
- noise power spectrum (NPS)
- pitch factor (PF)
- reconstruction factor
- slice sensitivity profile at z axis (SSP)
- spatial resolution
- temporal resolution
- time sensitivity profile (TSP)

X線検査
- active matrix liquid crystal displays
- 3D rotational angiography
- angiography
- angio CT
- arthrography
- anti-scatter grid
- artifacts
- automatic brightness control
- automatic exposure control
- computed radiography (CR)
- cone-beam computed tomography (CBCT)
- contrast medium
- dental radiology
- detective quantum efficiency (DQE)
- digital radiography (DR)
- digital subtraction angiography (DSA)
- dose area product (DAP)
- dynamic analysis
- dynamic study
- energy subtraction
- examination table
- exposure condition
- exposure index (EI)
- extra filtration
- flat panel detector (FPD)
- general radiography
- general vertebral colum radiography ; while spine
- image intensifier (I.I.)
- image processing
- image post-processing
- image quality
- image stitching
- interventional reference point (IRP)
- interventional radiology (IVR)
- long view examination
- mammography
- mobile x-ray unit
- modulation transfer function (MTF)
- noise power spectrum (NPS)
- non-vascular intervention
- panoramic radiography
- patient dose
- pediatric radiology
- phase contrast
- positioning
- pulsed fluoroscopy
- quality assurance (QA)
- quality control (QC)
- quantitative coronary angiography (QCA)
- radiation protection
- signal-to-noise ratio (SNR)
- system sensitivity
- tomosynthesis
- trauma
- vascular intervention
- wedge filter
- X-ray spectrum

超音波
- artifact
- contrast enhanced ultrasonography
- contrast harmonic imaging (CHI)
- doppler color flow imaging
- mechanical index (MI)
- pulse repetition frequency (PRF)
- spectrum analysis
- tissue harmonic imaging (THI)
- transducer
- ultrasonic diagnostic equipment

MR
- 3D imaging
- 7.0 T
- arterial spin labering (ASL)
- artifact
- B1 shimming
- computer simulation
- contrast agent
- device
- diffusion weighted image (DWI)
- dynamic imaging
- echo planar imaging (EPI)
- fast imaging
- fat suppression
- functional MRI (fMRI)
- gating
- gradient echo (field echo)
- high magnetic field MRI
- image processing
- inversion recovery (IR)
- k-space
- MR angiography (MRA)
- MR elastography
- MR hydrography
- MR mammography
- MR microscopy
- MR myelography
- MR spectroscopy (MRS)
- MR venography (MRV)
- open MRI
- parallel imaging
- perfusion weighted image (PWI)
- pulse sequence
- radial imaging
- reconstruction
- safety
- shimming
- SNR (CNR)
- spin echo (SE)
- steady state free precession (SSFP)
- surface coil
- tool

骨塩定量
- bone mineral content (BMC)
- bone mineral density (BMD)
- conputed X-ray densitometer (CXD)
- digital image processing method (DIP)
- dual energy X-ray absoptiomery (DXA)
- microdensitometry (MD)
- osteoporosis
- quantitative computed tomography (QCT)
- quantitative Ultrasound (QUS)
- single X-ray absorptiometry (SXA)

核医学
- ^{18}F-fluorodeoxyglucose (FDG
- 3D stereotactic surface projection (3D-SSP)
- attenuation correction
- brain perfusion
- Bull's eye
- cerebral blood flow (CBF)
- coincidence
- collimator
- dynamic SPECT
- filtered back projection (FBP)
- fourier analysis
- gated myocardial perfusion
- image fusion
- iterative reconstruction
- listmode
- motion correction
- myocardial perfusion
- noise equivalent count rate (NECR)
- normalized mean square error(NMSE)
- ordered subset-expectation maximization (OSEM)
- PET
- PET/CT
- PET/MRI
- phase analysis
- point spread function (PSF)
- respiratory motion
- resolution correction
- scatter correction
- scintillator detector
- sentinel lymph node (SLN)
- simulation
- SPECT
- SPECT/CT
- standardized uptake value (SUV)
- statistical image
- time of flight (TOF)

放射線治療
- 3D radiation planning
- brachytherapy
- calculation algorithm
- cone beam computed tomography (CBCT)
- detector characteristic
- dose evaluation
- dosimetric verification
- dosimetry
- electric portal image device (EPID)
- electron beam
- geometric verification
- geometrical precision
- image-guided radiation therapy (IGRT)
- immobilization precision
- intensity modulated radiation therapy (IMRT)
- intracavitary irradiation
- irradiation precision
- irradiation technology
- monitor unit calculation
- multi-leaf collimator (MLC)
- output factor
- particle-beam radiation therapy
- patient positioning
- precision control
- quality assurance (QA)
- quality control (QC)
- radiation biology
- radiation exposure control
- radiation field verification
- radiation planning
- respiratory gating
- simulation
- stereotactic irradiation
- system
- target setting
- verification image

医療情報
- business intelligence (BI)
- business management
- cloud computing
- data mining
- data warehouse (DWH)
- database (DB)
- digital imaging and communication in medicine (DICOM)
- education
- electronic health record (HER)
- electronic learning (e-learning)
- guidelines
- health level 7 (HL7)
- hospital information exchange
- hospital information system (HIS)
- image display
- image quality assurance
- information security
- information studies
- information technology infrastructure (IT infrastructure)
- integrating the healthcare enterprise (IHE)
- JJ1017
- master
- mobile computing
- national database
- natural language processing (NLP)
- ontology
- personal health record (PHR)
- picture archiving and communication system (PACS)
- radiology information system (RIS)
- reporting system
- risk management
- standardization
- statistical analysis
- system development
- system management
- telemedicine and telecare
- terminology
- work flow