Abstracts & MeSH: How to apply

제7회 의학학술지 편집인 아카데미

2013년 12월 6일(금)

권오훈

대한의학학술지편집인협의회 정보관리위원장

MeSH Indexing

NLM MeSH Indexing

- 논문단위로 MeSH 부여
- MeSH 추천 색인어 자동추출 프로그램
  Medical Text Indexer, MTI Tools
- Data Creation and Maintenance System, DCMS
- 150여명의 MeSH 색인전문가(MeSH Indexer)
- 6개월 정도의 기간 소요

MeSH Indexers

MeSH indexers must have a broad background in life sciences to understand and analyze biomedical articles.

Many MeSH indexers have advanced degrees in various biomedical sciences.

MEDLINE indexers index almost 700,000 articles each year for inclusion into Pubmed/MEDLINE – the largest bibliographic data base in the world. These articles cover a broad spectrum of literature in life sciences including:

- medicine
- nursing
- dentistry
- veterinary medicine
- health care systems
- life sciences
- some physical science (such as chemistry and physics)

http://www.nlm.nih.gov/bsd/indexing/training/INT_020.htm

Indexing Process

1) Read carefully and understand the title.
2) Read the introduction down to the point where the author states the purpose of his article and correlate it with the title. Absorb but do not necessarily attempt to index the introductory material since this is usually a statement of known facts upon which the present study is based.
3) Scan the body of the article, focus on the Materials & Methods section and the Results section.

http://www.nlm.nih.gov/bsd/indexing/training/TIP_010.htm

4) Note section headings, paragraph headings; italics, boldface; charts, plates, tables, illustrations; laboratory methods, case reports, etc. Headings supplied by the author usually herald the content of the section headed.
5) Select for indexing only those subjects actually discussed as opposed to those subjects merely mentioned (and of little or no value in retrieval).
6) Read the summary or conclusions of the author to determine whether he achieved the aims set forth in his stated purpose. Weigh conclusions based on the text but do not index implications or suggested future applications. Do not index conclusive statements not supported by discussion in the text.

http://www.nlm.nih.gov/bsd/indexing/training/TIP_010.htm

7) Scan the abstract, if there, for items missed in indexing, being careful, however, to locate actual discussions within the text of the article; ignore mere implications.
8) Scan the author's own indexing if supplied or the keywords supplied by the publisher to see whether the concepts chosen are actually discussed in the text and if they have been indexed.
9) Scan the bibliographic references supplied by the author for clues and further corroboration.

http://www.nlm.nih.gov/bsd/indexing/training/TIP_010.htm

KoreaMed MeSH Indexing

- KoreaMed 전체 문헌에 대한 일괄 부여 (MEDLINE 학술지 제외)
- KoreaMed MeSH Indexer
- 매년 11,000~12,000편의 문헌 추가
- MeSH TFT/XMLink
- 즉시 부여 및 이후 수정

KoreaMed MeSH Indexer

KoreaMed MeSH Indexer를 이용한 **MeSH** 자동 색인 시스템 구축

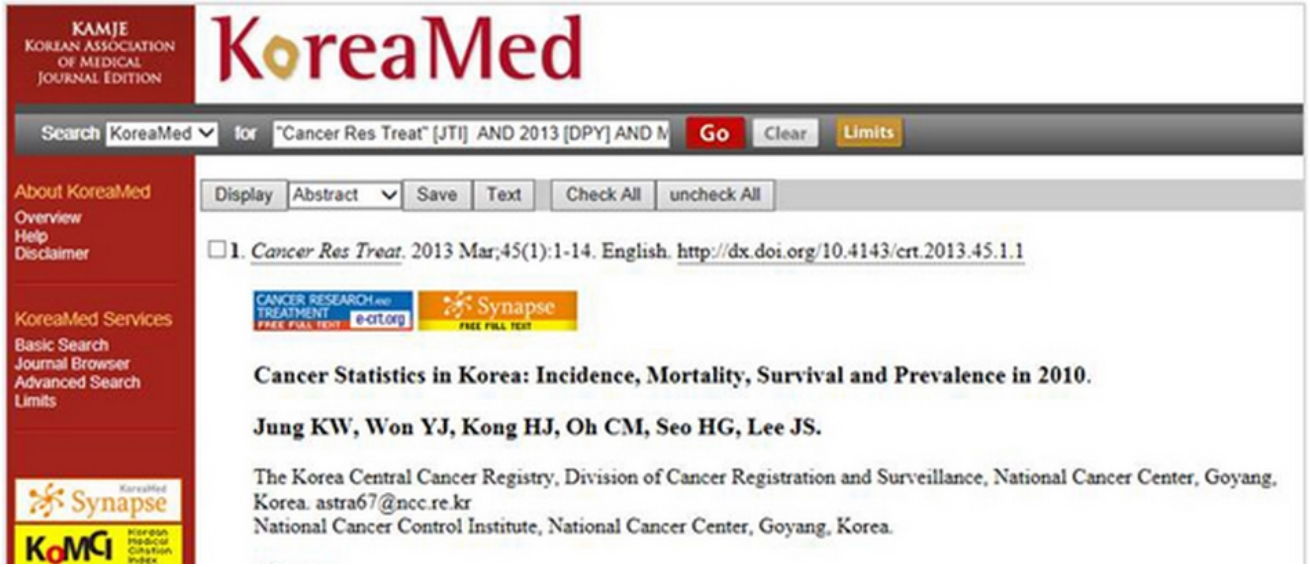
조회 수 25178 추천 수 0 | 2013.05.23 14:35:24

ADMIN http://www.kamje.or.kr/xe_board/?document_srl=63973

안녕하세요?

KoreaMed는 KoreaMed MeSH Indexer를 이용한 MeSH 색인 시스템을 구축하였습니다. KoreaMed MeSH Indexer는 KoreaMed MeSH 부여 과정을 획기적으로 개선하였으며, MeSH 부여에 관한 새로운 이정표를 제시하고 있습니다. 2013년 1월 1일 이후 처리한 모든 KoreaMed 논문은 KoreaMed MeSH Indexer를 이용하여 새로운 방식으로 MeSH를 부여하고 있습니다 (그림 1).

그림 1. KoreaMed MeSH Indexer를 이용하여 MeSH가 부여된 KoreaMed 레코드



Title
Abstract
Author Keywords

ICMJE Recommendations

Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals:

Publishing and Editorial Issues Related to Publication in Medical Journals:Preparing a Manuscript for Submission to a Medical Journal

Article title. The title provides a distilled description of the complete article and should include information that, along with the Abstract, will make electronic retrieval of the article sensitive and specific. Reporting guidelines recommend and some journals require that information about the study design be a part of the title (particularly important for randomized trials and systematic reviews and meta-analyses). Some journals require a short title, usually no more than 40 characters (including letters and spaces) on the title page or as a separate entry in an electronic submission system. Electronic submission systems may restrict the number of characters in the title.

http://www.icmje.org/manuscript_a.html

Article title. The title provides a distilled description of the complete article and should include information that, along with the Abstract, will make electronic retrieval of the article sensitive and specific.

http://www.icmje.org/manuscript_a.html

1. *Arch Plast Surg*. 2013 Nov;40(6):789-790. English. http://dx.doi.org/10.5999/aps.2013.40.6.789

Paraffinoma of the Knee 60 Years after Primary Injection.

Grassetti L, Lazzeri D, Torresetti M, Bottoni M, Scalise A, Di Benedetto G.

Department of Plastic and Reconstructive Surgery, Regional Hospital, Marche Polytechnic University Medical School, Ancona, Italy. lucagrassetti2000@gmail.com
Department of Plastic and Reconstructive Surgery Unit, Hospital of Pisa, Pisa, Italy.

Abstract

No abstract available.

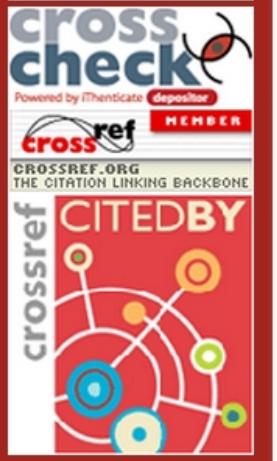
Images from this publication. 2 figures . Full Text

Publication Types:

- Case Reports

MeSH Terms:

- Knee*



1. *J Gynecol Oncol.* 2013 Oct;24(4):291-292. English. http://dx.doi.org/10.3802/jgo.2013.24.4.291

Squamous cell carcinoma antigen in cervical cancer and beyond.

Kim BG.

Department of Obstetrics and Gynecology, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea. bgkim@skku.edu

Abstract

No abstract available.

Publication Types:

- Editorial

MeSH Terms:

- Antigens, Neoplasm
- Carcinoma, Squamous Cell
- Serpins
- Uterine Cervical Neoplasms

Substances:

- Antigens, Neoplasm
- Serpins
- squamous cell carcinoma-related antigen

ICMJE Recommendations

b. Abstract

Original research, systematic reviews, and meta-analyses require structured abstracts.

http://www.icmje.org/manuscript_a.html

b. Abstract

The abstract should provide the context or background for the study and should state the study's purpose, basic procedures (selection of study participants, settings, measurements, analytical methods), main findings (giving specific effect sizes and their statistical and clinical significance, if possible), and principal conclusions.

http://www.icmje.org/manuscript_a.html

b. Abstract

It should emphasize new and important aspects of the study or observations, note important limitations, and not overinterpret findings. Clinical trial abstracts should include items that the CONSORT group has identified as essential.

http://www.icmje.org/manuscript_a.html

b. Abstract

Funding sources should be listed separately after the Abstract to facilitate proper display and indexing for search retrieval by MEDLINE.

http://www.icmje.org/manuscript_a.html

b. Abstract

Because abstracts are the only substantive portion of the article indexed in many electronic databases, and the only portion many readers read, authors need to ensure that they accurately reflect the content of the article.

http://www.icmje.org/manuscript_a.html

b. Abstract

Unfortunately, information in abstracts often differs from that in the text. Authors and editors should work in the process of revision and review to ensure that information is consistent in both places.

http://www.icmje.org/manuscript_a.html

b. Abstract

The format required for structured abstracts differs from journal to journal, and some journals use more than one format; authors need to prepare their abstracts in the format specified by the journal they have chosen.

http://www.icmje.org/manuscript_a.html

b. Abstract

The ICMJE recommends that journals publish the clinical trial registration number at the end of the abstract. The ICMJE also recommends that, when a registration number is available, authors list that number the first time they use a trial acronym to refer to the trial they are reporting or to other trials that they mention in the manuscript.

http://www.icmje.org/manuscript_a.html

Author Keywords

- 3-10개의 주제어 작성
- 연구의 내용을 가장 잘 표현할 수 있는 단어 선정
- 모두 제목에 나타나는 수준의 단어로 선정
- MeSH 사용 (학술지의 투고규정에 정함)

홍성태. 의학논문 매력있게 쓰자. 서울 : 서울대학교출판문화원, 2012.

Article Skimming

An Example

- The title & subtitle or introductory by-line.
- The headings and subheadings
- The first sentence of each paragraph
- Key words and visual aids
- The last paragraph or conclusion

제목 → 초록의 결론 부분 → 초록 (10%) → 본문 (1%)

서지 DB에서 논문이 검색되게 하려면 ?

- 서지데이터베이스
  - 제목, 초록, 저자키워드를 대상으로 색인어 추출
  - 검색어와 매칭되는 색인어를 검색결과로 추출

"DB에서 쉽게 검색될 수 있도록 핵심단어를 사용해 제목, 초록, 저자키워드 작성"

"MeSH, 관련분야 용어집을 참고하여 통제된 어휘로 저자키워드를 작성"

정소나. Author Keywords & MeSH. 의편협 논문작성 워크숍. 2013.

NLM MeSH Browser의 활용

Navigate from tree top

MeSH Browser (2013 MeSH):
The files are updated every week on Sunday.
Go to 2014 MeSH

Search: sono

Find Exact Term | Find Terms with ALL Fragments | Find Terms with ANY Fragment

Search Options:

- (•) All
- ( ) Main Headings
- ( ) Qualifiers
- ( ) Supplementary Concepts
- ( ) MeSH Unique ID
- ( ) Text words in Annotation & Scope Note
- ( ) Search in these fields of chemicals:
  - [ ] Heading Mapped To (HM) (Supplementary List)
  - [ ] Indexing Information (II) (Supplementary List)
  - [ ] Pharmacological Action (PA)
  - [ ] CAS Registry/EC Number/UNII Code (RN)
  - [ ] Related Registry Number (RR)

National Library of Medicine - Medical Subject Headings

2013 MeSH

Return to Entry Page

Please select a term from list:

Animals, Poisonous
    Poisonous Animals
Elasticity Imaging Techniques
    Sonoelastography
Endosonography
    Endoscopic Ultrasonography
    Ultrasonography, Endoscopic
Fishes, Poisonous
Microscopy, Acoustic
    Ultrasonographic Biomicroscopy
Plants, Toxic
    Plants, Poisonous
Sound Spectrography
    Sonography, Sound
    Sonography, Speech
    Speech Sonography
Ultrasonography
    Sonography, Medical
Ultrasonography, Doppler
    Doppler Ultrasonography
Ultrasonography, Doppler, Color
    Color Doppler Ultrasonography
    Color Ultrasonography, Doppler
    Doppler Color Ultrasonography
    Doppler Ultrasonography, Color
    Ultrasonography, Color Doppler
    Ultrasonography, Doppler Color
Ultrasonography, Doppler, Duplex
    Doppler Duplex Ultrasonography

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MeSH Browser (2013 MeSH):
The files are updated every week on Sunday.
Go to 2014 MeSH

Search: Echocardiography

Find Exact Term | Find Terms with ALL Fragments | Find Terms with ANY Fragment

Search Options:

- (•) All
- ( ) Main Headings
- ( ) Qualifiers
- ( ) Supplementary Concepts
- ( ) MeSH Unique ID
- ( ) Text words in Annotation & Scope Note
- ( ) Search in these fields of chemicals:
  - [ ] Heading Mapped To (HM) (Supplementary List)
  - [ ] Indexing Information (II) (Supplementary List)
  - [ ] Pharmacological Action (PA)
  - [ ] CAS Registry/EC Number/UNII Code (RN)
  - [ ] Related Registry Number (RR)

National Library of Medicine - Medical Subject Headings

2013 MeSH

MeSH Descriptor Data

Return to Entry Page

Standard View. Go to Concept View; Go to Expanded Concept View

MeSH Heading	Echocardiography
Tree Number	E01.370.350.130.750
Tree Number	E01.370.350.850.220
Tree Number	E01.370.370.380.220
Annotation	GEN only; prefer / ultrasonogr with specific heart dis; note X ref ECHOCARDIOGRAPHY, TRANSTHORACIC; ECHOCARDIOGRAPHY, TRANSESOPHAGEAL is also available; DF: ECHOCARDIOGR
Scope Note	Ultrasonic recording of the size, motion, and composition of the heart and surrounding tissues. The standard approach is transthoracic.
Entry Term	2-D Echocardiography
Entry Term	2D Echocardiography
Entry Term	Contrast Echocardiography
Entry Term	Cross-Sectional Echocardiography
Entry Term	Echocardiography, 2-D
Entry Term	Echocardiography, 2D
Entry Term	Echocardiography, Contrast
Entry Term	Echocardiography, Cross-Sectional
Entry Term	Echocardiography, M-Mode
Entry Term	Echocardiography, Transthoracic

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MeSH Home | Contact NLM | Site Index | Search Our Web Site | NLM Home

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MeSH Browser (2013 MeSH):
The files are updated every week on Sunday.
Go to 2014 MeSH

Search: Echocardiography

Find Exact Term | Find Terms with ALL Fragments | Find Terms with ANY Fragment

Search Options:

- (•) All
- ( ) Main Headings
- ( ) Qualifiers
- ( ) Supplementary Concepts
- ( ) MeSH Unique ID
- ( ) Text words in Annotation & Scope Note
- ( ) Search in these fields of chemicals:
  - [ ] Heading Mapped To (HM) (Supplementary List)
  - [ ] Indexing Information (II) (Supplementary List)
  - [ ] Pharmacological Action (PA)
  - [ ] CAS Registry/EC Number/UNII Code (RN)
  - [ ] Related Registry Number (RR)

National Library of Medicine - Medical Subject Headings

2013 MeSH

Return to Entry Page

Please select a term from list:

- Echocardiography
  - 2-D Echocardiography
  - 2D Echocardiography
  - Contrast Echocardiography
  - Cross-Sectional Echocardiography
  - Echocardiography, 2-D
  - Echocardiography, 2D
  - Echocardiography, Contrast
  - Echocardiography, Cross-Sectional
  - Echocardiography, M-Mode
  - Echocardiography, Transthoracic
  - Echocardiography, Two-Dimensional
  - M-Mode Echocardiography
  - Transthoracic Echocardiography
  - Two-Dimensional Echocardiography
- Echocardiography, Doppler
  - 2-D Doppler Echocardiography
  - 2D Doppler Echocardiography
  - Continuous Doppler Echocardiography
  - Doppler Echocardiography
  - Doppler Echocardiography, 2-D
  - Doppler Echocardiography, 2D
  - Doppler Echocardiography, Continuous
  - Doppler Echocardiography, Two-Dimensional
  - Echocardiography, 2-D Doppler
  - Echocardiography, 2D Doppler
  - Echocardiography, Continuous Doppler
  - Echocardiography, Two-Dimensional Doppler

MEDICAL SUBJECT HEADINGS

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MeSH Browser (2013 MeSH):

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Go to 2014 MeSH

Search: CT scan

Find Exact Term | Find Terms with ALL Fragments | Find Terms with ANY Fragment

Search Options:

- (•) All
- ( ) Main Headings
- ( ) Qualifiers
- ( ) Supplementary Concepts
- ( ) MeSH Unique ID
- ( ) Text words in Annotation & Scope Note
- ( ) Search in these fields of chemicals:
  - [ ] Heading Mapped To (HM) (Supplementary List)
  - [ ] Indexing Information (II) (Supplementary List)
  - [ ] Pharmacological Action (PA)
  - [ ] CAS Registry/EC Number/UNII Code (RN)
  - [ ] Related Registry Number (RR)

National Library of Medicine - Medical Subject Headings

2013 MeSH

Return to Entry Page

Please select a term from list:

Cone-Beam Computed Tomography
- CT Scan, Cone-Beam

Electron Microscope Tomography
- Scanning Transmission Electron Microscopy Tomography

Four-Dimensional Computed Tomography
- 4D CT Scan
- Four-Dimensional CT Scan

Microscopy, Electron, Scanning
- Electron Scanning Microscopy
- Scanning Electron Microscopy

Microscopy, Electron, Scanning Transmission
- Electron Microscopy, Scanning Transmission
- Scanning Transmission Electron Microscopy

Radiography, Dual-Energy Scanned Projection
- Digital Scan Projection Radiography, Dual Energy
- Digital Scan Projection Radiography, Dual-Energy
- Digital Scanned Projection Radiography, Dual Energy
- Digital Scanned Projection Radiography, Dual-Energy
- Dual Energy Scanned Projection Radiography
- Dual-Energy Scanned Projection Radiography
- Radiography, Dual Energy Scanned Projection

Spiral Cone-Beam Computed Tomography
- CT Scan, Spiral Cone-Beam
- Spiral Cone-Beam CT Scan

Tomography Scanners, X-Ray Computed
- CT Scanner, X-Ray

Tomography, Emission-Computed
- CT Scan, Radionuclide

Tomography, Emission-Computed, Single-Photon
- CT Scan, Single-Photon Emission
- Single-Photon Emission CT Scan

Tomography, Spiral Computed
- CT Scan, Spiral

Tomography, X-Ray Computed
- CT Scan, X-Ray

X-Ray Microtomography
- X-Ray Micro-CT Scans

scandium(III)-octaethylporphryin

Return to Entry Page

Link to NLM Cataloging Classification

MEDICAL SUBJECT HEADINGS

Navigate from tree top

MeSH Browser (2013 MeSH):

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Go to 2014 MeSH

Search: CT scan

Find Exact Term | Find Terms with ALL Fragments | Find Terms with ANY Fragment

Search Options:

- (•) All
- ( ) Main Headings
- ( ) Qualifiers
- ( ) Supplementary Concepts
- ( ) MeSH Unique ID
- ( ) Text words in Annotation & Scope Note
- ( ) Search in these fields of chemicals:
  - [ ] Heading Mapped To (HM) (Supplementary List)
  - [ ] Indexing Information (II) (Supplementary List)
  - [ ] Pharmacological Action (PA)
  - [ ] CAS Registry/EC Number/UNII Code (RN)
  - [ ] Related Registry Number (RR)

National Library of Medicine - Medical Subject Headings

2013 MeSH

Return to Entry Page

Please select a term from list:

- Absorptiometry, Photon
  - DEXA Scan
  - Dual-Energy X-Ray Absorptiometry Scan
  - DXA Scan
- Acetyldigoxins
  - ct-Arzneimittel Brand of beta-Acetyldigoxin
  - digox von ct
- Acyclovir
  - aciclovir von ct
  - Activir
  - ct-Arzneimittel Brand of Aciclovir
  - Zovirax for Injection
- Alfaxalone Alfadolone Mixture
  - CT-1341
- Arabinofuranosylcytosine Triphosphate
  - Ara-CTP
- Arthrodermataceae
  - Ctenomyces
- Bisacodyl
  - ct-Arzneimittel Brand of Bisacodyl
- Bromazepam
  - bromazep von ct
  - ct-Arzneimittel Brand of Bromazepam
- Bromhexine
  - bromhexin von ct
  - ct-Arzneimittel Brand of Bromhexine Hydrochloride
- Calorimetry, Differential Scanning
  - Differential Scanning Calorimetry
- Cardiotocography

Tomography, Spiral Computed
- CAT Scan, Spiral
- CT Scan, Spiral
- Helical CT
- Spiral CT

Tomography, X-Ray Computed
- CAT Scan, X Ray
- CAT Scan, X-Ray
- Cine-CT
- CT Scan, X-Ray
- CT X Ray
- Electron Beam Computed Tomography
- Electron Beam Tomography

Whole Body Imaging
- Whole Body Scan
- Whole Body Scanning

X-Ray Microtomography
- MicroCT
- X-Ray Micro-CAT Scans
- X-Ray Micro-CT
- X-Ray Micro-CT Scans
- X-ray MicroCT
- Xray Micro-CT
- Xray MicroCT

(2-carbazoylethyl)-1-thio-beta-galactopyranoside
- 2-CTGP

(3S,3'S,5')-3,3'-di(tetradecanoyloxy)-5'-hydroxy-5,6,5',6'-diseco-beta,beta-carotene-5,6,6'-trione
- DTT-D-beta-CT

(ctm)PrP
- ctm-PrP

(phenylmethoxy)carbonylcysteinyl(phenylmethyl)-tyrosyl-isoleucine tert-butyl ester
- Bz-CTI-OtBu

(S)-4-tert-butyldimethylsilyloxy-2-cyclopenten-1-one
- CTC-8 cpd

1',1'-dimethylheptyl-delta(8)-tetrahydrocannabinol-11-oic acid
- CT3 cpd

1,1,1-trifluoro-2-chloroethane
- 2-CTE

1,4,8,11-tetraazacyclotetradecyl-1,4,8,11-tetramethylenephosphonic acid
- CTMP cpd

1-(5-(carboxyphenylthio)-2-thenylideneamino)hydantoin
- 1-CTTAH

National Library of Medicine - Medical Subject Headings

2013 MeSH

MeSH Descriptor Data

Return to Entry Page

Standard View. Go to Concept View; Go to Expanded Concept View

MeSH Heading	Tomography, X-Ray Computed
Tree Number	E01.370.350.350.810
Tree Number	E01.370.350.600.350.700.810
Tree Number	E01.370.350.700.700.810
Tree Number	E01.370.350.700.810.810
Tree Number	E01.370.350.825.810.810
Annotation	uses x-rays & computer: do not confuse with TOMOGRAPHY, EMISSION-COMPUTED using radionuclides & computer; "computed tomography" unspecified probably goes here; / instrum: consider also TOMOGRAPHY SCANNERS, X-RAY COMPUTED; do not confuse entry term ELECTRON BEAM TOMOGRAPHY with ELECTRON TOMOGRAPHY see ELECTRON MICROSCOPE TOMOGRAPHY; DF: CT XRAY
Scope Note	Tomography using x-ray transmission and a computer algorithm to reconstruct the image.
Entry Term	CAT Scan, X Ray
Entry Term	CAT Scan, X-Ray
Entry Term	Cine-CT
Entry Term	Computed Tomography, X-Ray

Entry Term	CAT Scan, X Ray
	CAT Scan, X-Ray
	Cine-CT
	Computed Tomography, X-Ray
	Computed X Ray Tomography
	Computerized Tomography, X Ray
	Computerized Tomography, X-Ray
	CT Scan, X-Ray
	CT X Ray
	Electron Beam Computed Tomography
	Electron Beam Tomography
	Tomodensitometry
	Tomography, Transmission Computed
	Tomography, X Ray Computed
	Tomography, X-Ray Computer Assisted
	Tomography, X-Ray Computerized
	Tomography, X-Ray Computerized Axial
	Tomography, Xray Computed
	X Ray Computerized Tomography
	X Ray Tomography, Computed
	X-Ray Computer Assisted Tomography
	X-Ray Computerized Axial Tomography
	X-Ray Tomography, Computed

Computed Tomography 관련 MeSH/Entry terms

Cone-Beam Computed Tomography [MH]

CAT Scan, Cone-Beam
Cone-Beam Computer-Assisted Tomography
Cone-Beam Computerized Tomography
Cone-Beam CT
CT Scan, Cone-Beam
Tomography, Cone-Beam Computed
Tomography, Volume Computed
Volume Computed Tomography
Volume CT
Volumetric Computed Tomography
Volumetric CT

Four-Dimensional Computed Tomography [MH]
4D CAT Scan
4D Computed Tomography
4D CT
4D CT Scan
Four-Dimensional CAT Scan
Four-Dimensional CT
Four-Dimensional CT Scan

Multidetector Computed Tomography [MH]
Multidetector-Row Computed Tomography
Multisection Computed Tomography
Multislice Computed Tomography

Positron-Emission Tomography and Computed Tomography [MH]
Computed Tomography and Positron-Emission Tomography
Computed Tomography and Single-Photon Emission Computerized Tomography
CT and SPECT
Hybrid Pet and CT
Hybrid SPECT and CT
Integrated PET CT
PET and CT
Single-Photon Emission Computerized Tomography and Computed Tomography
SPECT and CT
X-Ray Computed Tomography and Positron-Emission Tomography

Spiral Cone-Beam Computed Tomography [MH]
CAT Scan, Spiral Cone-Beam
CT Scan, Spiral Cone-Beam
Helical Cone-Beam CT
Spiral Cone-Beam CAT Scan
Spiral Cone-Beam Computer-Assisted Tomography
Spiral Cone-Beam Computerized Tomography
Spiral Cone-Beam CT
Spiral Cone-Beam CT Scan
Spiral Volume CT
Spiral Volumetric CT
Tomography, Spiral Volumetric Computed

Tomography Scanners, X-Ray Computed [MH]
CAT Scanner, X-Ray
CAT Scanners, X-Ray
Computed Tomography Scanner, X-Ray
Computed Tomography Scanners, X-Ray
CT Scanner, X-Ray
Tomography, Computed, Scanners
Tomography, X-Ray Computed, Scanner
Tomography, X-Ray Computed, Scanners
X-Ray Computed Tomography Scanner
X-Ray Computed Tomography Scanners

Tomography, Emission-Computed [MH]
CAT Scan, Radionuclide
Computed Tomographic Scintigraphy
Computerized Emission Tomography
CT Scan, Radionuclide
Emission-Computed Tomography
Radionuclide Computer-Assisted Tomography
Radionuclide Computerized Tomography
Radionuclide Tomography, Computed
Radionuclide-Computed Tomography
Radionuclide-Emission Computed Tomography
Scintigraphy, Computed Tomographic
Tomography, Computerized Emission
Tomography, Radionuclide-Computed

Tomography, Emission-Computed, Single-Photon [MH]
CAT Scan, Single-Photon Emission
CT Scan, Single-Photon Emission
Radionuclide Tomography, Single-Photon Emission-Computed
Single-Photon Emission Computer-Assisted Tomography
Single-Photon Emission Computerized Tomography
Single-Photon Emission CT Scan
Single-Photon Emission-Computed Tomography
SPECT
Tomography, Single-Photon, Emission-Computed

Tomography, Spiral Computed [MH]
CAT Scan, Spiral
Computed Tomography, Spiral
Computer-Assisted Tomography, Spiral
Computerized Tomography, Spiral
CT Scan, Spiral
Helical Computed Tomography
Helical CT
Spiral Computed Tomography
Spiral CT
Tomography, Helical Computed

Tomography, X-Ray Computed [MH]
CAT Scan, X Ray
CAT Scan, X-Ray
Cine-CT
Computed Tomography, X-Ray
Computed X Ray Tomography
Computerized Tomography, X Ray
Computerized Tomography, X-Ray
CT Scan, X-Ray
CT X Ray
Electron Beam Computed Tomography
Electron Beam Tomography
Tomodensitometry
Tomography, Transmission Computed
Tomography, X Ray Computed
Tomography, X-Ray Computer Assisted
Tomography, X-Ray Computerized
Tomography, X-Ray Computerized Axial
Tomography, Xray Computed
X Ray Computerized Tomography
X Ray Tomography, Computed
X-Ray Computer Assisted Tomography
X-Ray Computerized Axial Tomography
X-Ray Tomography, Computed

X-Ray Microtomography [MH]
Microcomputed Tomography
MicroCT
X-Ray Micro-CAT Scans
X-Ray Micro-Computed Tomography
X-Ray Micro-CT
X-Ray Micro-CT Scans
X-Ray Microcomputed Tomography
X-ray MicroCT
Xray Micro-CT
Xray MicroCT

실제 사용된 용어	Suggested MeSH terms
CT scan	Tomography, X-Ray Computed
chest radiograph	Radiography, Thoracic
Digital Radiographs	Radiographic Image Enhancement
PET/CT	Positron-Emission Tomography and Computed Tomography
Stent graft	Blood Vessel Prosthesis
coil embolization	Embolization, Therapeutic
rat model	Models, Animal
MR Imaging	Magnetic Resonance Imaging
Congenital Anomaly	Congenital Abnormalities
Radiation dose	Radiation Dosage
Congenital heart disease	Heart Defects, Congenital
infundibular pulmonary stenosis	Pulmonary Subvalvular Stenosis
(Dental) Adhesives	Dental Cements
dental bleaching	Tooth Bleaching
lingual bracket	Orthodontic Brackets
Angiotensin-II receptor blocker	Angiotensin Receptor Antagonists
serum/plasma glucose	Blood Glucose
glycosylated hemoglobin	Hemoglobin A, Glycosylated
statin	Hydroxymethylglutaryl-CoA Reductase Inhibitors
Total Hip Arthroplasty	Arthroplasty, Replacement, Hip
Intertrochanteric Femoral Fracture	Hip Fractures
house dust mite	Pyroglyphidae

Summary

- NLM vs. KoreaMed MeSH Indexing
- 핵심단어를 사용한 제목, 초록, 저자키워드 작성
- MeSH, 관련분야 용어집을 참고한 통제된 어휘로 저자키워드 작성
- NLM MeSH Browser의 활용

MeSH TFT & XMLink Staffs