

Søgning i PubMed

Onsdag d. 7. januar 2015

Undervisere:

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Maria Østerbye maoe@statsbiblioteket.dk

Dagens program

- Søgestrategi
- PubMed
 - Herunder at skaffe en artikel
 - Intro til MY NCBI
- Citationssøgning i Web of Science
- Arbejde med egen opgave.
- Afslutning

Søgestrategier

- 3 grundtrin:
- 1. runde – søg fritekst og se på keywords, Mesh-termer, andre søgeord i resultatet
- 2. runde – identificer ord og begreber og søg igen, denne gang gerne systematisk.
- 3. runde – se på referencer og citationer.

Søgeteknik – en anbefaling

- Udarbejd gerne en søgeprotokol inden du går i gang.
- Især hvis du er usikker på, hvordan dit projekt skal 'skæres'

Et eksempel på en søgeprotokol

Informationssøgning

Hjælpeværktøj til bedre informations- og litteratursøgning.

Problemstilling/ Problemformulering/

Hvad er det helt præcist, du ønsker information om?

Beskriv projektet kort. Formuler din problemstilling som et spørgsmål, hvis det er muligt.

Nøglebegreber

Hvilke aspekter skal (i første omgang) med i søgningen? Vælg de mest betydningsbærende ord fra din problemstilling.

Alternative nøglebegreber

Tænk på synonymmer, ordformer, søgesprog, forkortelser m.m.

Afgrænsninger

Overvej om det er muligt at afgrænse søgningen. F.eks. til bestemt køn, aldersgruppe, sprog, bestemte publikationstyper, årstalsgrænser osv.

Vælg informationskilde

Vælg de databaser og informationskilder du mener, kan være relevante: Tænk både på databaser, medier, bøger, tidsskrifter, institutioner, styrelser, ministerier, osv.

Søgestrategi(er)

Skriv din(e) søgetermer. Kombiner med operatorene: og (and) eller (or) ikke (not)

Fire trin til informationssøgning:

1. Udarbejdelse af søgeprotokol (dette dokument)
2. Informationssøgning i valgte databaser/kilder
3. Udvælgelse og kritisk gennemgang af materialet
4. Evt redigering af søgeprotokol på baggrund af ny viden fra tidligere søgninger

PubMed

- Udvikles og vedligeholdes af National Library of Medicine
- En bibliografisk database der dækker medicin, molekylær medicin, sygepleje, tandlægevidenskab, veterinærmedicin, m.m.
- Tidsperiode : 1946 og frem
- Opdateres dagligt
- Indeholder mere end 24 mill. henvisninger på adskillige sprog
- Frit tilgængelig for alle

The screenshot shows the PubMed website interface. At the top, there is a navigation bar with 'NCBI Resources' and 'How To' links, and a 'Sign in to N' link on the right. Below this is the 'PubMed.gov' logo and a search bar with a dropdown menu set to 'PubMed' and a 'Search' button. The main content area features a 'PubMed' section with a description: 'PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.' To the right of this is the 'PubMed Commons' section, which includes a 'Featured comment' dated Dec 18 about 'Inheriting disease: D Danso-Abeam connects a case report to genetics studies of Olmsted Syndrome' with a link to '1.usa.gov/1tR1sBb'. Below these are three columns of links: 'Using PubMed' (PubMed Quick Start Guide, Full Text Articles, PubMed FAQs, PubMed Tutorials, New and Noteworthy), 'PubMed Tools' (PubMed Mobile, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, Topic-Specific Queries), and 'More Resources' (MeSH Database, Journals in NCBI Databases, Clinical Trials, E-Utilities (API), LinkOut).

Find litteratur om patientens lejring under CT scanning

NCBI Resources How To Sign in to NCBI

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed ct scans patient positioning Search

RSS Save search Advanced

Article types
Clinical Trial
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Clear all
Show additional filters

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: Filters: Manage Filters

Results: 1 to 20 of 1351 << First < Prev Page 1 of 68 Next > Last >>

[A New Navigational Tool for Pedicle Screw Placement in Patients with Severe Scoliosis: A Pilot Study to Prove Feasibility, Accuracy, and Identify Operative Challenges.](#)
Putzier M, Strube P, Cecchinato R, Lamartina C, Hoff E.
J Spinal Disord Tech. 2014 Nov 12. [Epub ahead of print]
PMID: 25393666 [PubMed - as supplied by publisher]
[Related citations](#)

[Intraoperative computed tomography for intracranial electrode implantation surgery in medically refractory epilepsy.](#)
Lee DJ, Zwienerberg-Lee M, Seyal M, Shahlaie K.
J Neurosurg. 2014 Oct 31;1-6. [Epub ahead of print]
PMID: 25361483 [PubMed - as supplied by publisher]
[Related citations](#)

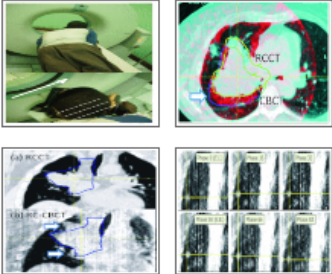
[Novel free-hand T1 pedicle screw method: Review of 44 consecutive cases.](#)
Rivkin MA, Okun JF, Yocom SS.
J Neurosci Rural Pract. 2014 Oct;5(4):349-54. doi: 10.4103/0976-3147.139974.
PMID: 25288835 [PubMed] **Free PMC Article**
[Related citations](#)

[Positional obstruction of the superior mesenteric artery by an intra-aortic balloon pump placed through subclavian artery approach.](#)
Tabit CE, Onsager DR, Kim GH, Jeevanandam V, Fedson SE.
Circ Heart Fail. 2014 Sep;7(5):864-7. doi: 10.1161/CIRCHEARTFAILURE.114.001463. No abstract available.
PMID: 25228321 [PubMed - indexed for MEDLINE]
[Related citations](#)

New feature
Try the new Display Settings option - Sort by Relevance

Results by year
Download CS

PMC Images search for ct scans patient positioning



Søgning v.h.a. "" og *

- Ved at sætte anførelstegn om et begreb, søges ordene som en sætning i stedet for to adskilte ord.
F.eks: "cell phone" giver færre hit end cell phone
- Skrives en * i slutningen af et ord, søges på alle bøjningsformer af ordet.
F.eks: Pregna* giver hits på pregnant, pregnancy, pregnancies

Søgeresultat

- Vi fik 713 hits. Artiklerne er sorteret, så nyeste artikler ligger først.
- Man kan også sortere efter 'relevans'

NCBI Resources How To Sign in to NCBI

PubMed.gov US National Library of Medicine National Institutes of Health

PubMed ct scans "patient positioning" Search

RSS Save search Advanced Help

Article types: Clinical Trial, Review, Customize ...

Text availability: Abstract, Free full text, Full text

Publication dates: 5 years, 10 years, Custom range...

Species: Humans, Other Animals

Clear all Show additional filters

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: Filters: Manage Filters

Results: 1 to 20 of 713 << First < Prev Page 1 of 36 Next > Last >>

New feature
Try the new Display Settings option - **Sort by Relevance**

Find related data
Database: Select Find items

Search details
("tomography, x-ray computed"[MeSH Terms] OR ("tomography"[All Fields] AND "x-ray"[All Fields] AND "computed"[All

1. [Intraoperative computed tomography for intracranial electrode implantation surgery in medically refractory epilepsy.](#)
Lee DJ, Zwienberg-Lee M, Seyal M, Shahlaie K.
J Neurosurg. 2014 Oct 31:1-6. [Epub ahead of print]
PMID: 25361483 [PubMed - as supplied by publisher]
[Related citations](#)

2. [Novel free-hand T1 pedicle screw method: Review of 44 consecutive cases.](#)
Rivkin MA, Okun JF, Yocom SS.
J Neurosci Rural Pract. 2014 Oct;5(4):349-54. doi: 10.4103/0976-3147.139974.
PMID: 25288835 [PubMed] **Free PMC Article**
[Related citations](#)

3. [Positional obstruction of the superior mesenteric artery by an intra-aortic balloon pump placed through subclavian artery approach.](#)
Tabit CE, Onsager DR, Kim GH, Jeevanandam V, Fedson SE.
Circ Heart Fail. 2014 Sep;7(5):864-7. doi: 10.1161/CIRCHEARTFAILURE.114.001463. No abstract available.
PMID: 25228321 [PubMed - indexed for MEDLINE]
[Related citations](#)

Find en artikel, der har interesse. Klik på titlen for at se mere

PMID: 24919100 [PubMed - indexed for MEDLINE]

[Related citations](#)

[Towards integration of PET/MR hybrid imaging into radiation therapy treatment planning.](#)

10. Paulus DH, Thorwath D, Schmidt H, Quick HH.

Med Phys. 2014 Jul;41(7):072505. doi: 10.1118/1.4881317.

PMID: 24989408 [PubMed - in process]

[Related citations](#)

[Effect of patient centering on patient dose and image noise in chest CT.](#)

11. Kaasalainen T, Palmu K, Reijonen V, Kortensniemi M.

AJR Am J Roentgenol. 2014 Jul;203(1):123-30. doi: 10.2214/AJR.13.12028.

PMID: 24951205 [PubMed - indexed for MEDLINE]

[Related citations](#)

Man får nu vist et abstract. Og det er også herfra, der er adgang til selve artiklen

NCBI Resources How To Sign in to NCBI

PubMed.gov US National Library of Medicine National Institutes of Health PubMed Advanced Search Help

Display Settings: Abstract Send to: Full Text Am J Roentgenol AU Link

[AJR Am J Roentgenol. 2014 Jul;203\(1\):123-30. doi: 10.2214/AJR.13.12028.](#)

Effect of patient centering on patient dose and image noise in chest CT.

[Kaaalalainen T¹](#), [Palmu K](#), [Reilonen V](#), [Kortesanien M](#).

Author information

Abstract

OBJECTIVE: The objective of our study was to evaluate the effect of vertical centering on dose and image noise in chest MDCT of different-sized patients using anthropomorphic phantoms and retrospectively studying examinations of clinical patients.

MATERIALS AND METHODS: Three different anthropomorphic phantoms were scanned using different vertical centering (offset ± 6 cm) and were assessed with radiation dose-monitoring software. The effect of vertical positioning on the radiation dose was studied using the volume CT dose index, dose-length product, and size-specific dose estimates for different-sized phantoms. Image noise was determined from CT number histograms. Vertical positioning for chest CT examinations of 112 patients ranging from neonates to adults were retrospectively assessed.

RESULTS: Radiation doses were highest when using the posteroanterior scout image for automatic exposure control (AEC) and when phantoms were set in the lowest table position, and radiation doses were lowest when phantoms were set in the uppermost table position. For the adult phantom, relative doses increased by 38% in the lowest table position and decreased by 23% in the highest table position. Similarly, doses for pediatric 5-year-old and newborn phantoms were 21% and 12% higher in the lowest table position and 12% and 8% lower in the highest table position, respectively. The effect decreased when a lateral scout image was used for AEC. The relative noise was lowest when the phantoms were properly centered and increased with vertical offset. In clinical patients, we observed offset with a median value varying from 25 to 35 mm below the isocenter.

CONCLUSION: Regardless of patient size, most patients in this study were positioned too low, which negatively affected both patient dose and image noise. Miscentering was more pronounced in smaller pediatric patients.

KEYWORDS: chest CT; image quality; off-centering; optimization; size-specific dose estimate

PMID: 24951205 [PubMed - indexed for MEDLINE]

MeSH Terms

Save items Add to Favorites

Related citations in PubMed

Effect of vertical positioning on organ dose, image noise and contrast in [Pediatri Radiol. 2013]

Impact of miscentering on patient dose and image noise in x-ray CT imaging [Phys Med. 2012]

In-plane shielding for CT: effect of off-centering, automatic exposure contr [Korean J Radiol. 2009]

Strategies for formulating appropriate MDCT techniques when in [AJR Am J Roentgenol. 2004]

Review Principles of CT: radiation dose and image quality. [J Nucl Med Technol. 2007]

See reviews... See all...

Recent Activity


Effect of patient centering on patient dose and image noise in chest CT. PubMed

ct scans AND "patient positioning" (713) PubMed

("Patient Positioning"[Mesh]) AND

Der er også link ud til andre artikler, der er emnemæssigt beslægtede.

Advanced Search

Send to:  Full Text Am J Roentgenol **AU Link**

doi: 10.2214/AJR.13.12028.

patient dose and image noise in chest CT.

tesniemi M.

... was to evaluate the effect of vertical centering on dose and image noise in chest MDCT of different-sized phantoms and retrospectively studying examinations of clinical patients.

... different anthropomorphic phantoms were scanned using different vertical centering (offset ± 6 cm) and were processed using software. The effect of vertical positioning on the radiation dose was studied using the volume CT dose index, and dose estimates for different-sized phantoms. Image noise was determined from CT number histograms. Vertical centering of 112 patients ranging from neonates to adults were retrospectively assessed.

... best when using the posteroanterior scout image for automatic exposure control (AEC) and when phantoms were positioned at the lowest table position. Radiation doses were lowest when phantoms were set in the uppermost table position. For the adult phantom, the radiation dose was lowest at the lowest table position and decreased by 23% in the highest table position. Similarly, doses for pediatric 5-year-old and 12% higher in the lowest table position and 12% and 8% lower in the highest table position, respectively. The scout image was used for AEC. The relative noise was lowest when the phantoms were properly centered and for clinical patients, we observed offset with a median value varying from 25 to 35 mm below the isocenter.

... size, most patients in this study were positioned too low, which negatively affected both patient dose and image quality, especially in smaller pediatric patients.

... centering; optimization; size-specific dose estimate

Save items

☆ Add to Favorites

Related citations in PubMed

- Effect of vertical positioning on organ dose, image noise and contrast in [Pediatr Radiol. 2013]
- Impact of miscentering on patient dose and image noise in x-ray CT imaging [Phys Med. 2012]
- In-plane shielding for CT: effect of off-centering on automatic exposure control [Korean J Radiol. 2009]
- Strategies for formulating appropriate MDCT techniques when in [AJR Am J Roentgenol. 2004]
- Review** Principles of CT: radiation dose and image quality. [J Nucl Med Technol. 2007]

See reviews...
See all...

Recent Activity

Det er fra samme side, man kan se de emneord – Mesh-ord - som er hæftet på den aktuelle artikel.

Klik på 'MeSH-terms' og listen over denne artikels emneord folder sig ud

MeSH Terms

MeSH Terms[Artifacts](#)[Humans](#)[Patient Positioning*](#)[Phantoms, Imaging](#)[Radiation Dosage*](#)[Radiography, Thoracic/standards*](#)[Retrospective Studies](#)[Software](#)[Tomography, X-Ray Computed/standards*](#)

Hvad er MeSH?

- MeSH står for Medical Subject Headings
- Alle artikler forsynes med kontrollerede emneord. D.v.s emneord, som er konsistente gennem hele databasen.
- Ved hjælp af MeSH kan man opbygge en meget præcis søgning
- OBS: Helt nye artikler findes ikke ved MeSH-søgning

Søgning v.h.a. MeSH-ordene

- Brug enten MeSH ordene fra en artikel, som man har fundet og som man synes er relevant. (genbrugsmetoden)

eller

- Søg via MeSH-databasen. (Den direkte metode)

MeSH og 'genbrugsmetoden'

- Analysér de emneord, der er på den relevante artikel og udvælg dem, der skal søges videre på.
- I eksemplet vælger vi 'Patient Positioning' og 'Tomography X-Ray Computed'

MeSH Terms

MeSH Terms

[Artifacts](#)

[Humans](#)

[Patient Positioning*](#)

[Phantoms, Imaging](#)

[Radiation Dosage*](#)

[Radiography, Thoracic/standards*](#)

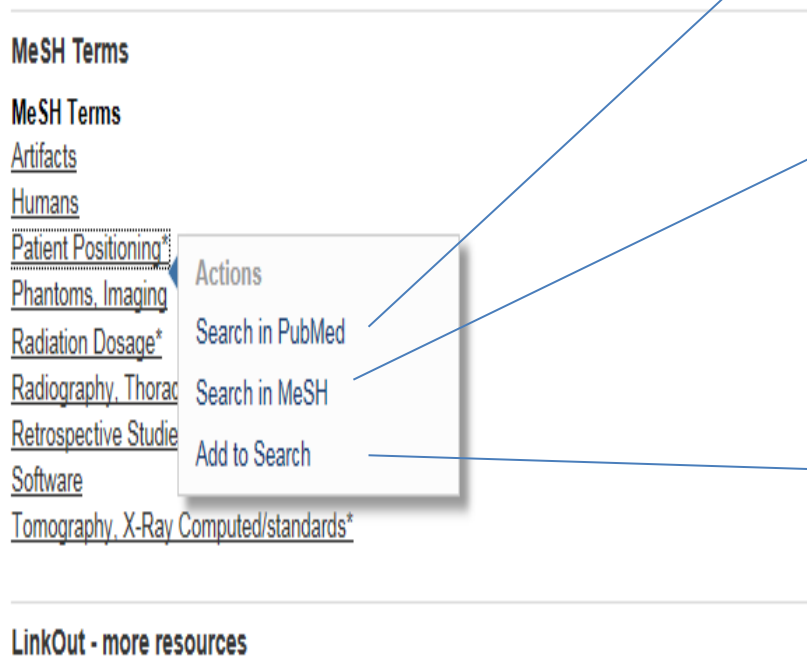
[Retrospective Studies](#)

[Software](#)

[Tomography, X-Ray Computed/standards*](#)

Mesh og 'genbrugsmetoden'

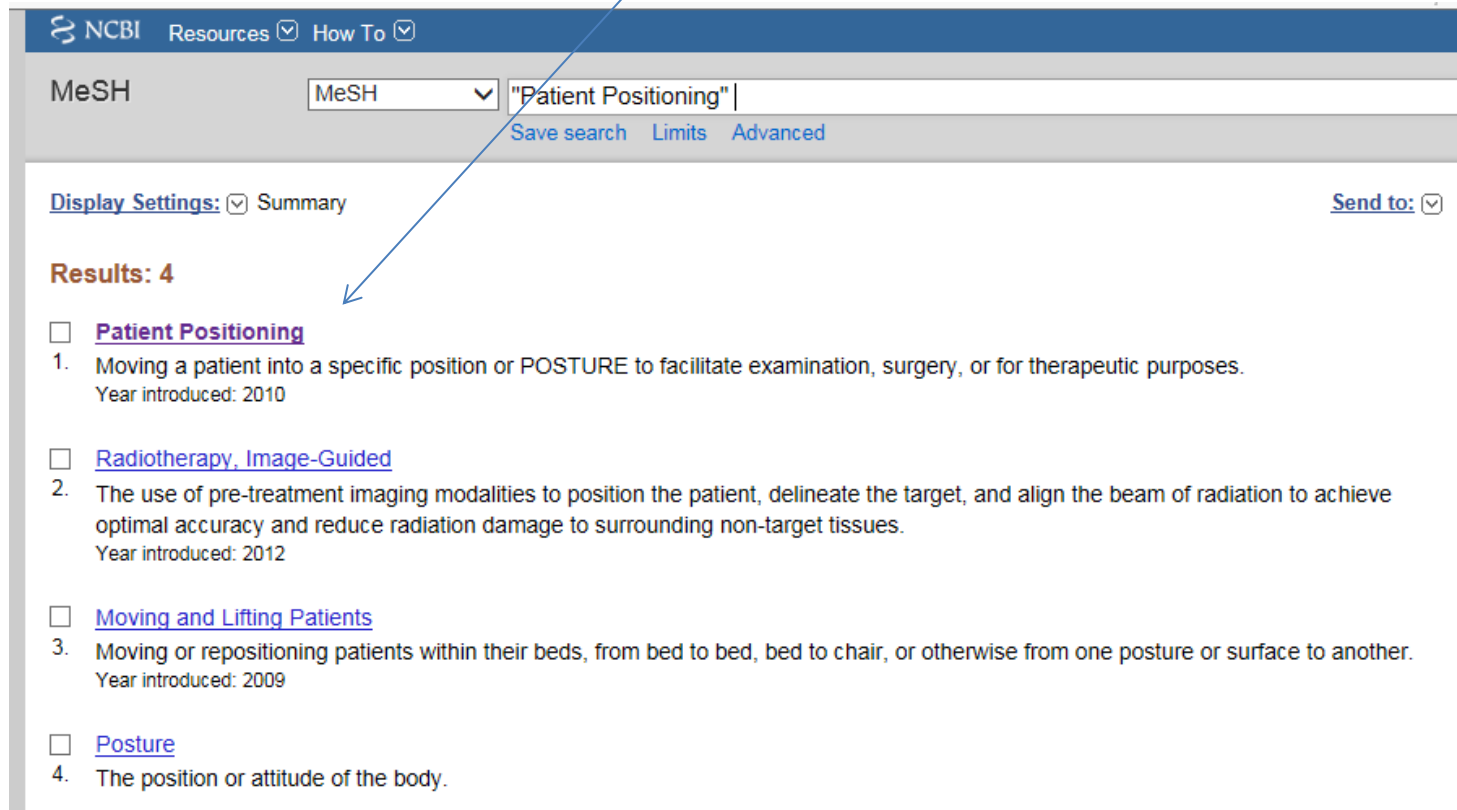
- Der er nu 3 valgmuligheder:
- Vælg gerne at klikke på 'MeSH'



- Klikkes på 'PubMed' foretages en ny søgning i PubMed på det valgte søgeord
- Klikkes på 'MeSH' sendes søgeordet til MeSH databasen, hvor det f.eks. er muligt at læse mere om søgetermen.
- Klikkes på 'Add to Search' sendes søgetermen til PubMed's søgeboks, hvor den kan redigeres, kombineres med andre søgeord eller blot sendes til søgning.

MeSH-databasen

- Der er 4 hits i MeSH-databasen på ordene 'Patient positioning'. De mest generelle vises først. Klik for at se mere



The screenshot shows the MeSH database search interface. At the top, there is a navigation bar with 'NCBI Resources' and 'How To' menus. Below this, the search bar contains 'MeSH' in a dropdown menu and the search term '"Patient Positioning"'. There are links for 'Save search', 'Limits', and 'Advanced'. Below the search bar, there are 'Display Settings' and 'Summary' options, and a 'Send to' button. The results section is titled 'Results: 4' and lists four items, each with a checkbox and a description:

- [Patient Positioning](#)
 1. Moving a patient into a specific position or POSTURE to facilitate examination, surgery, or for therapeutic purposes.
Year introduced: 2010
- [Radiotherapy, Image-Guided](#)
 2. The use of pre-treatment imaging modalities to position the patient, delineate the target, and align the beam of radiation to achieve optimal accuracy and reduce radiation damage to surrounding non-target tissues.
Year introduced: 2012
- [Moving and Lifting Patients](#)
 3. Moving or repositioning patients within their beds, from bed to bed, bed to chair, or otherwise from one posture or surface to another.
Year introduced: 2009
- [Posture](#)
 4. The position or attitude of the body.

A blue arrow points from the text 'Klik for at se mere' in the bullet point above to the first result, 'Patient Positioning'.

MeSH

- Læs definitionen af MeSH ordet og overvej om det er relevant at søge på

Limits Advanced

Display Settings: Full [Send](#)

Patient Positioning

Moving a patient into a specific position or POSTURE to facilitate examination, surgery, or for therapeutic purposes.
Year introduced: 2010

PubMed search builder options

[Subheadings:](#)

| | | |
|--|--|--|
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> methods | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> contraindications | <input type="checkbox"/> mortality | <input type="checkbox"/> therapeutic use |
| <input type="checkbox"/> economics | <input type="checkbox"/> nursing | <input type="checkbox"/> therapy |
| <input type="checkbox"/> epidemiology | <input type="checkbox"/> organization and administration | <input type="checkbox"/> trends |
| <input type="checkbox"/> ethics | <input type="checkbox"/> pharmacology | <input type="checkbox"/> utilization |
| <input type="checkbox"/> history | <input type="checkbox"/> psychology | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> instrumentation | <input type="checkbox"/> standards | |

Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): E02.760.670, N02.421.585.700
MeSH Unique ID: D056888
Entry Terms:

- Patient Positionings
- Positioning, Patient
- Positionings, Patient

See Also:

- [Posture](#)
- [Moving and Lifting Patients](#)

Mesh

- Man kan også se synonymer for søgeordet og emne hierarkiet, som ordet indgår i.
Man kan vælge om man vil søge mere generelt eller mere specifikt

Tree Number(s): E02.760.670, N02.421.585.700

MeSH Unique ID: D056888

Entry Terms:

- Patient Positionings
- Positioning, Patient
- Positionings, Patient

See Also:

- [Posture](#)
- [Moving and Lifting Patients](#)

[All MeSH Categories](#)

[Analytical, Diagnostic and Therapeutic Techniques and Equipment Category](#)

[Therapeutics](#)

[Patient Care](#)

Patient Positioning

[Kangaroo-Mother Care Method](#)

[All MeSH Categories](#)

[Health Care Category](#)

[Health Care Facilities, Manpower, and Services](#)

[Health Services](#)

[Patient Care](#)

Patient Positioning

MeSH

- Hvis man vurderer, at MeSH ordet er relevant at søge på vælges 'add to search builder' og dernæst klikkes på 'Search PubMed'

on or POSTURE to facilitate examination, surgery, or for therapeutic purposes.

methods

mortality

nursing

organization and administration

pharmacology

psychology

standards

statistics and numerical data

therapeutic use

therapy

trends

utilization

veterinary

Send to:

PubMed Search Builder

"Patient Positioning" [Mesh]

Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

PubMed

PubMed - Major Topic

Clinical Queries

MeSH

- Man er nu tilbage i PubMed, hvor alle artiklerne er. Vi fik 2383 hits på søgningen på MeSH-ordet 'Patient positioning'

The screenshot shows the PubMed search results page for the MeSH term "Patient Positioning". The search bar at the top contains the query "Patient Positioning"[Mesh] and shows 2383 results. The page is filtered to show results 1 to 20 of 2383. The results are sorted by "Recently Added" and displayed in a summary view. The first three results are listed below:

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: **Filter your results:** All (2383)

Results: 1 to 20 of 2383 << First < Prev Page 1 of 120 Next > Last >>

- [Anesthesia in the degenerative pathology of the spine.](#)
1. Trapelli V, Latronico N.
J Neurosurg Sci. 2014 Jun;58(2 Suppl 1):119-21. No abstract available.
PMID: 25371961 [PubMed - indexed for MEDLINE]
[Related citations](#)
- [Use of somatosensory evoked potentials to detect and prevent impending brachial plexus injury during surgical positioning for the treatment of supratentorial pathologies.](#)
2. La Neve JE, Zitney GP.
Neurodiagn J. 2014 Sep;54(3):260-73.
PMID: 25351034 [PubMed - indexed for MEDLINE]
[Related citations](#)
- ['Singing is beneficial'. Research into preterm health.](#)
3. [No authors listed]
Midwives. 2014;17(5):7. No abstract available.
PMID: 25328962 [PubMed - indexed for MEDLINE]
[Related citations](#)

On the left side, there are filters for Article types (Clinical Trial, Review, Customize...), Text availability (Abstract, Free full text, Full text), PubMed Commons (Reader comments), Publication dates (5 years, 10 years, Custom range...), and Species (Humans, Other Animals). A "Clear all" link is also present.

On the right side, there is a "New feature" section with the text "Try the new Display Setting Sort by Relevance" and a "Results by year" section with a chart area.

MeSH

- Vi klikker os tilbage til den artikel vi fandt med de relevante MeSH ord. Næste ord er 'Tomography X-Ray Computed'.
- Vi klikker på ordet og vælger igen at videre klikke på MeSH

MeSH Terms

MeSH Terms

[Artifacts](#)

[Humans](#)

[Patient Positioning*](#)

[Phantoms, Imaging](#)

[Radiation Dosage*](#)

[Radiography, Thoracic/standards*](#)

[Retrospective Studies](#)

[Software](#)

[Tomography, X-Ray Computed/standards*](#)



MeSH

- Denne gang er der 9 hits i MeSH databasen på vores søgeord.
- Vi klikker på det første

Display Settings: Full

Tomography, X-Ray Computed

Tomography using x-ray transmission and a computer algorithm to reconstruct the image.

Year introduced: 1980

PubMed search builder options

Subheadings:

- | | | |
|--|--|--|
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> instrumentation | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> classification | <input type="checkbox"/> methods | <input type="checkbox"/> supply and distribution |
| <input type="checkbox"/> contraindications | <input type="checkbox"/> mortality | <input type="checkbox"/> therapeutic use |
| <input type="checkbox"/> economics | <input type="checkbox"/> nursing | <input type="checkbox"/> therapy |
| <input type="checkbox"/> education | <input type="checkbox"/> organization and administration | <input type="checkbox"/> trends |
| <input type="checkbox"/> epidemiology | <input type="checkbox"/> pharmacology | <input type="checkbox"/> utilization |
| <input type="checkbox"/> ethics | <input type="checkbox"/> psychology | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> history | <input type="checkbox"/> standards | |

Restrict to MeSH Major Topic.

Do not include MeSH terms found below this term in the MeSH hierarchy.

MeSH

- Igen klikker vi på 'Add to search builder' efterfulgt af et klik på 'Search PubMed'

The screenshot shows the MeSH interface. At the top right is a 'Help' link. Below it is a 'Send to:' dropdown menu. The main content area is titled 'PubMed Search Builder' and contains a text box with the query: "Tomography, X-Ray Computed" [Mesh]. Below the text box are two buttons: 'Add to search builder' and 'Search PubMed'. To the right of the 'Add to search builder' button is a dropdown menu showing 'AND'. Below the buttons is a 'YouTube Tutorial' link. At the bottom is a 'Related information' section with links to 'PubMed', 'PubMed - Major Topic', 'Clinical Queries', and 'NLM MeSH Browser'. On the left side, there is a list of checkboxes for various MeSH categories: statistics and numerical data, supply and distribution, therapeutic use, therapy, trends, utilization, and veterinary.

[Help](#)

[Send to:](#)

PubMed Search Builder

"Tomography, X-Ray Computed" [Mesh]

[YouTube Tutorial](#)

Related information

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

- statistics and numerical data
- supply and distribution
- therapeutic use
- therapy
- trends
- utilization
- veterinary

MeSH

- Vi får 308128 hits på vores søgning på MeSH-Ordet 'Tomography, X-Ray Computed'

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed

[RSS](#) [Save search](#) [Advanced](#)

Article types
Clinical Trial
Review
Customize ...

Text availability
Abstract
Free full text
Full text

PubMed Commons
Reader comments

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

[Clear all](#)

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: **Filter your results:**

Results: 1 to 20 of 308128 << First < Prev Page of 15407 Next > Last >>

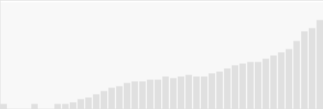
[Appendicitis: a benign differential diagnosis in acute abdomen.](#)
1. Nagaich N, Ashdir P, Pokharna RK, Nepalia S. Trop Gastroenterol. 2014 Apr-Jun;35(2):118-9. No abstract available. PMID: 25470877 [PubMed - indexed for MEDLINE] [Related citations](#)

[Images in clinical medicine. Enterointeric intussusception.](#)
2. Burgers P, Dawson I. N Engl J Med. 2014 Dec 4;371(23):2217. doi: 10.1056/NEJMicm1313388. No abstract available. PMID: 25470697 [PubMed - indexed for MEDLINE] [Free Article](#) [Related citations](#)

[Pulmonary hypertension caused by persistent anomalous vertical vein bridging the left subclavian vein and left atrium with hypertrophic cardiomyopathy.](#)
3. Maemura S, Ishizuka M, Nakata R, Motozawa Y, Yamamoto K, Takizawa M, Uozumi H, Ikenouchi H. Circulation. 2014 Oct 28;130(18):e153-6. doi: 10.1161/CIRCULATIONAHA.114.007639. No abstract available. PMID: 25462825 [PubMed - indexed for MEDLINE] [Related citations](#)

All (308128)
[Items with Abstracts \(238405\)](#)
[Review \(33438\)](#)
[Manage f](#)

New feature
Try the new Display Settings option - **Sort by Relevance**

Results by year

[Download](#)

MeSH

- De to søgninger skal nu kombineres, så vi søger på 'Patient positioning' AND 'Tomography, X-Ray Computed'.

Vælg 'advanced'

NCBI Resources How To

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed "Tomography, X-Ray Computed"[Mesh]

RSS Save search Advanced

Article types: Clinical Trial, Review, Customize ...

Text availability: Abstract, Free full text, Full text

PubMed Commons Reader comments

Publication dates: 5 years, 10 years, Custom range...

Species: Humans, Other Animals

Clear all

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: Filter you

Results: 1 to 20 of 308128

<< First < Prev Page 1 of 15407 Next > Last >>

1. [Appendagitis: a benign differential diagnosis in acute abdomen.](#)
Nagaich N, Ashdir P, Pokharna RK, Nepalia S.
Trop Gastroenterol. 2014 Apr-Jun;35(2):118-9. No abstract available.
PMID: 25470877 [PubMed - indexed for MEDLINE]
[Related citations](#)

2. [Images in clinical medicine. Enterointeric intussusception.](#)
Burgers P, Dawson I.
N Engl J Med. 2014 Dec 4;371(23):2217. doi: 10.1056/NEJMicm1313388. No abstract available.
PMID: 25470697 [PubMed - indexed for MEDLINE] **Free Article**
[Related citations](#)

3. [Pulmonary hypertension caused by persistent anomalous vertical vein bridging the left subclavian vein and left atrium with hypertrophic cardiomyopathy.](#)
Maemura S, Ishizuka M, Nakata R, Motozawa Y, Yamamoto K, Takizawa M, Uozumi H, Ikenouchi H.
Circulation. 2014 Oct 28;130(18):e153-6. doi: 10.1161/CIRCULATIONAHA.114.007639. No abstract available.
PMID: 25462825 [PubMed - indexed for MEDLINE]
[Related citations](#)

New feat
Try the ne
Sort by R

Results I

MeSH

- På siden 'advanced' findes bl.a. søgehistorien.
- Klik på 'add' ud for de søgninger, der skal kombineres

Use the builder below to create your search

[Edit](#) [Clear](#)

Builder

All Fields - [Show index list](#)

AND All Fields - + [Show index list](#)

or [Add to history](#)

History [Download history](#) [Clear history](#)

| Search | Add to builder | Query | Items found | Time |
|---------------------|---------------------|---|------------------------|----------|
| #14 | Add | Search "Tomography, X-Ray Computed"[Mesh] | 308128 | 08:32:41 |
| #6 | Add | Search "Patient Positioning"[Mesh] | 2383 | 08:32:35 |
| #2 | Add | Search ct scans "patient positioning" | 713 | 08:23:50 |
| #1 | Add | Search ct scans patient positioning | 1351 | 07:50:56 |

MeSH

- Søgningerne skal kombineres med AND, fordi vores søgning skal handle om 'Patient Positioning' og 'Tomography X-Ray computed'.
- Klik dernæst på 'Search'

("Patient Positioning"[Mesh]) AND "Tomography, X-Ray Computed"[Mesh]

[Edit](#) [C](#)

Builder

| | | | | | |
|-------|------------|---|------------------------------------|-----|---------------------------------|
| | All Fields | ▼ | "Patient Positioning"[Mesh] | ⊖ | Show index list |
| AND ▼ | All Fields | ▼ | "Tomography, X-Ray Computed"[Mesh] | ⊖ | Show index list |
| AND ▼ | All Fields | ▼ | | ⊖ ⊕ | Show index list |

[Search](#) or [Add to history](#)

MeSH

- Vi får 397 hits på vores søgning

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed

[RSS](#) [Save search](#) [Advanced](#)

Article types
Clinical Trial
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

[Clear all](#)

[Show additional filters](#)

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: **Filter by:** All

Results: 1 to 20 of 397 << First < Prev Page of 20 Next > Last >>

[Positional obstruction of the superior mesenteric artery by an intra-aortic balloon pump placed through subclavian artery approach.](#)
1. Tabit CE, Onsager DR, Kim GH, Jeevanandam V, Fedson SE.
Circ Heart Fail. 2014 Sep;7(5):864-7. doi: 10.1161/CIRCHEARTFAILURE.114.001463. No abstract available.
PMID: 25228321 [PubMed - indexed for MEDLINE]
[Related citations](#)

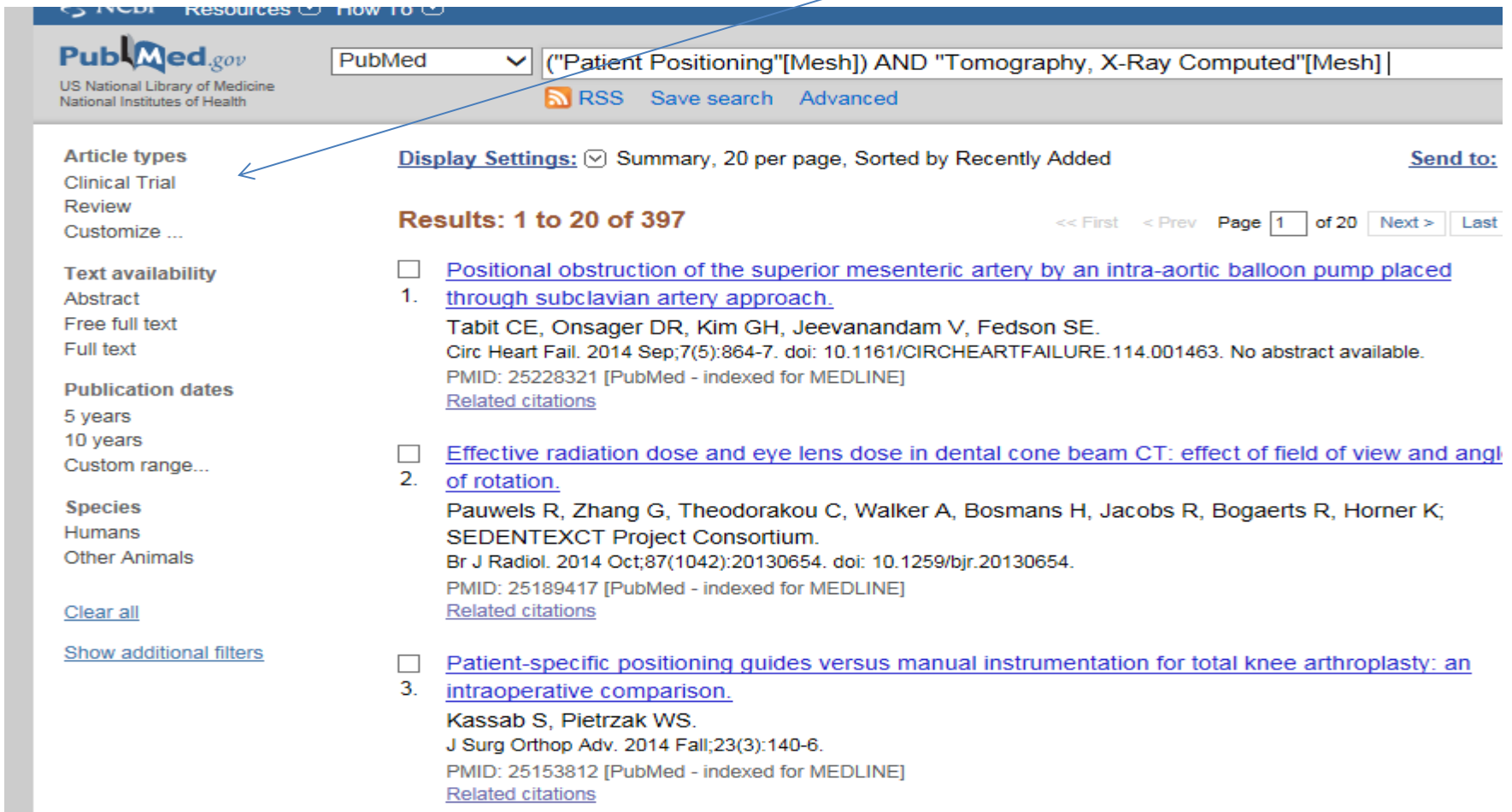
[Effective radiation dose and eye lens dose in dental cone beam CT: effect of field of view and angle of rotation.](#)
2. Pauwels R, Zhang G, Theodorakou C, Walker A, Bosmans H, Jacobs R, Bogaerts R, Horner K; SEDENTEXCT Project Consortium.
Br J Radiol. 2014 Oct;87(1042):20130654. doi: 10.1259/bjr.20130654.
PMID: 25189417 [PubMed - indexed for MEDLINE]
[Related citations](#)

[Patient-specific positioning guides versus manual instrumentation for total knee arthroplasty: an intraoperative comparison.](#)
3. Kassab S, Pietrzak WS.
J Surg Orthop Adv. 2014 Fall;23(3):140-6.
PMID: 25153812 [PubMed - indexed for MEDLINE]

New for you
Try the Sort by
43 free Central MRI and volume Optimized for patient Use of motion

Filtre

- Man kan afgrænse sin søgning yderligere v.h.a. 'filters'



PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed ("Patient Positioning"[Mesh]) AND "Tomography, X-Ray Computed"[Mesh]

RSS Save search Advanced

Article types
Clinical Trial
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

[Clear all](#)

[Show additional filters](#)

Display Settings: Summary, 20 per page, Sorted by Recently Added [Send to:](#)

Results: 1 to 20 of 397 << First < Prev Page 1 of 20 Next > Last

[Positional obstruction of the superior mesenteric artery by an intra-aortic balloon pump placed through subclavian artery approach.](#)
1. Tabit CE, Onsager DR, Kim GH, Jeevanandam V, Fedson SE.
Circ Heart Fail. 2014 Sep;7(5):864-7. doi: 10.1161/CIRCHEARTFAILURE.114.001463. No abstract available.
PMID: 25228321 [PubMed - indexed for MEDLINE]
[Related citations](#)

[Effective radiation dose and eye lens dose in dental cone beam CT: effect of field of view and angle of rotation.](#)
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PMID: 25189417 [PubMed - indexed for MEDLINE]
[Related citations](#)

[Patient-specific positioning guides versus manual instrumentation for total knee arthroplasty: an intraoperative comparison.](#)
3. Kassab S, Pietrzak WS.
J Surg Orthop Adv. 2014 Fall;23(3):140-6.
PMID: 25153812 [PubMed - indexed for MEDLINE]
[Related citations](#)

Filtre

- Her afgrænses til 'review' – altså oversigtsartikler. Vores søgeresultat er nu 43 artikler.
- OBS – at vi nu har filtre slået til også på fremtidige søgninger.

The screenshot shows the PubMed search interface. At the top, the search query is: ("Patient Positioning"[Mesh]) AND "Tomography, X-Ray Computed"[Mesh]. The search results are displayed in a list format, with the following filters applied:

- Article types:** Review (checked)
- Text availability:** Abstract, Free full text, Full text
- Publication dates:** 5 years, 10 years, Custom range...
- Species:** Humans, Other Animals

The search results show 43 items, with the first three items listed:

- [Imaging of radial wrist pain. I. Imaging modalities and anatomy.](#)
1. Lee RK, Griffith JF, Ng AW, Wong CW. Skeletal Radiol. 2014 Jun;43(6):713-24. doi: 10.1007/s00256-014-1840-7. Epub 2014 Mar 5. **Review.** PMID: 24595440 [PubMed - indexed for MEDLINE] [Related citations](#)
- [Kyphoplasty and vertebroplasty.](#)
2. Teyssédou S, Saget M, Pries P. Orthop Traumatol Surg Res. 2014 Feb;100(1 Suppl):S169-79. doi: 10.1016/j.otsr.2013.11.005. Epub 2014 Jan 7. **Review.** PMID: 24406028 [PubMed - indexed for MEDLINE] [Related citations](#)
- [Surgery for slipped capital femoral epiphysis in adolescents.](#)
3. Abu Amara S, Leroux J, Lechevallier J

Det sidste om MeSH

- Man kan også gå direkte i MeSH databasen fra PubMed's forside og søge

The screenshot displays the PubMed website interface. At the top, there is a navigation bar with 'NCBI Resources' and 'How To' menus. Below this is the 'PubMed.gov' logo and a search bar with a dropdown menu set to 'PubMed' and a 'Search' button. A 'Filters removed' indicator is visible. The main content area features a 'PubMed' section with a description of the database's size and content. To the right, there is a 'PubMed Commons' section with a featured comment. At the bottom, three columns of links are provided: 'Using PubMed', 'PubMed Tools', and 'More Resources'. A blue arrow points from the 'MeSH Database' link in the 'More Resources' column to the search bar at the top of the page.

NCBI Resources How To bnc1 My NCBI Sign

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed
Advanced

Filters removed.

PubMed
PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

PubMed Commons

Featured comment - Dec 26, 2014
Regulating ribosome recruitment? | Shatsky critiques proposed RNA regulon mechanism. 1.usa.gov/1zfZekD

Using PubMed

- [PubMed Quick Start Guide](#)
- [Full Text Articles](#)
- [PubMed FAQs](#)
- [PubMed Tutorials](#)
- [New and Noteworthy](#)

PubMed Tools

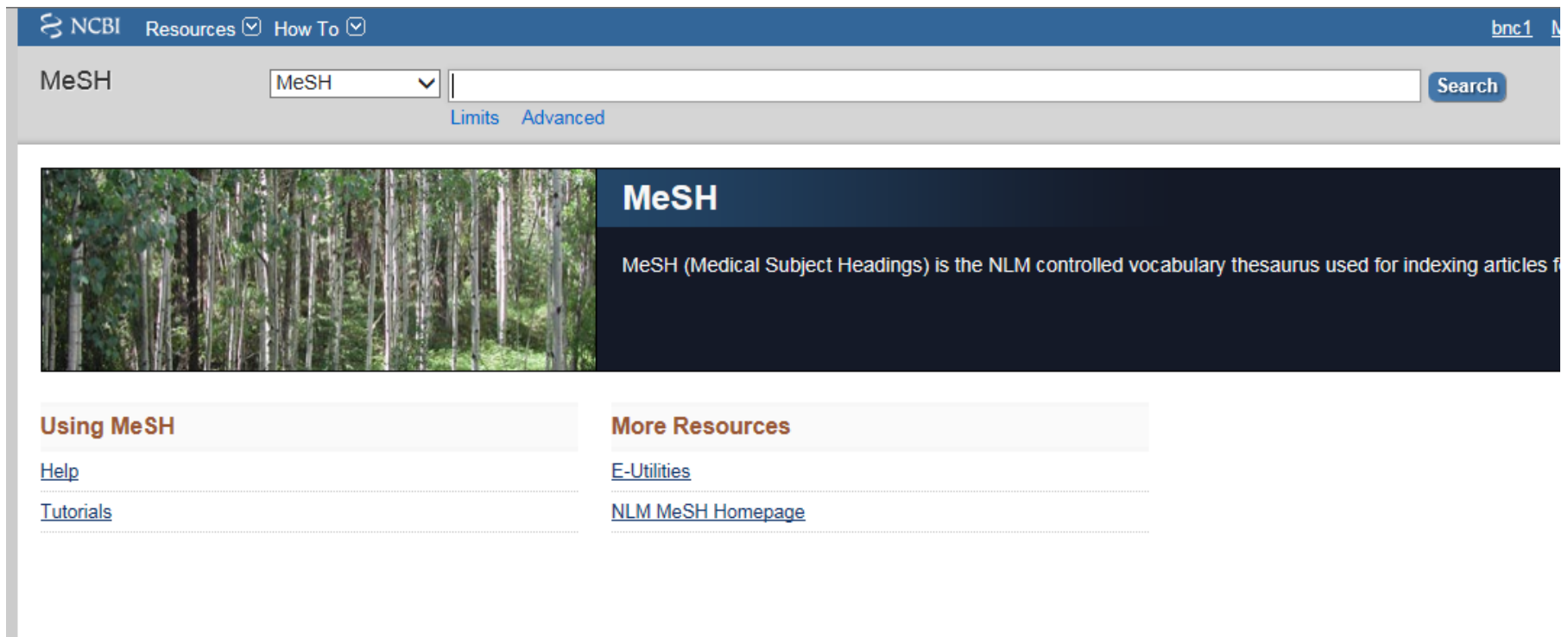
- [PubMed Mobile](#)
- [Single Citation Matcher](#)
- [Batch Citation Matcher](#)
- [Clinical Queries](#)
- [Topic-Specific Queries](#)

More Resources

- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
- [E-Utilities \(API\)](#)
- [LinkOut](#)

Den 'direkte søgning' i MeSH

- Man er nu i MeSH databasen og kan indtaste sit søgeord.



NCBI Resources How To bnc1

MeSH MeSH Search

Limits Advanced

MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles f

Using MeSH

[Help](#)

[Tutorials](#)

More Resources

[E-Utilities](#)

[NLM MeSH Homepage](#)

Mere om MeSH

- Eksempler på forskellige søgemåder og antal hits de giver:
- Asthma AND obesity - Fritekst = 2190 hits
- Asthma AND obesity – MeSH = 998 hits
- Asthma AND obesity – Majr = 561 hits

My NCBI

- PubMed giver mulighed for at gemme en søgning og få nye artikler tilsendt, der matcher søgningen
- Man skal oprette en 'konto' ved NCBI

NCBI Resources How To **Sign in to NCBI**

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed
PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

PubMed COMMONS
Featured comment - Dec 26, 2014
Regulating ribosome recruitment? | Shatsky critiques proposed RNA regulon mechanism. 1.usa.gov/1zfZekD

Using PubMed
[PubMed Quick Start Guide](#)
[Full Text Articles](#)
[PubMed FAQs](#)
[PubMed Tutorials](#)
[New and Noteworthy](#)

PubMed Tools
[PubMed Mobile](#)
[Single Citation Matcher](#)
[Batch Citation Matcher](#)
[Clinical Queries](#)
[Topic-Specific Queries](#)

More Resources
[MeSH Database](#)
[Journals in NCBI Databases](#)
[Clinical Trials](#)
[E-Utilities \(API\)](#)
[LinkOut](#)

My NCBI

- Hvis man ikke har en konto klikker man på 'Register for an NCBI account' og følger vejledningen på følgende side.
- Har man en konto skriver man passwords ind i felterne

Sign in to NCBI

Sign in with

Google NIH Login eRA Commons

[See more 3rd party sign in options](#)

OR

Sign in directly to NCBI

Keep me signed in

[Forgot NCBI username or password?](#)

[Register for an NCBI account](#)

My NCBI retains user information and database preferences to provide services for many NCBI databases.

[My NCBI Overview](#)

My NCBI features include:

- Save searches & automatic e-mail alerts
- Display format preferences
- Filter options
- My Bibliography & NIH public access policy compliance
- [SciENcy](#): a researcher biosketch profile service
- Highlighting search terms
- Recent activity searches & records for 6 months
- LinkOut, document delivery service & outside tool selections

NIH funded investigator?

Extramural NIH-funded investigators looking for NIH Public Access C can sign in with either "eRA Commons" or "NIH Login". Use your eRA credentials on the subsequent sign in page. Once signed in, navigate Bibliography section.

Documentation for using these features is located in the [Managing C NIH Public Access Policy](#) section of the NCBI Help Manual.

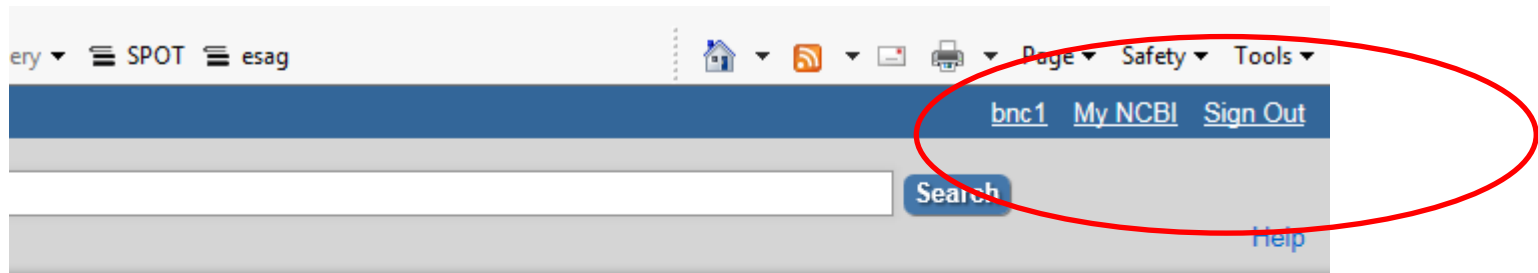
Information about the NIH Public Access Policy is located at <http://publicaccess.nih.gov.ez.statsbiblioteket.dk:2048>.

Account Troubleshooting FAQ

Expired email confirmation link message

My NCBI

- Det fremgår af øverste 'bjælke' om man er logget ind



tions for biomedical literature from
ooks. Citations may include links to full-

PubMed COMMONS



My NCBI

- Du kan gemme en søgning fra siden 'advanced' som indeholder søgehistorien.
- Klik på 'nummertegnet' ud for den søgning du vil gemme.
- Vælg 'Save in My NCBI'

| | | | |
|---------------------|---------------------|---|------------------------|
| #21 | Add | Search (Asthma [majr] AND Obesity [majr] | 301 |
| #20 | Add | Search ("Asthma"[Mesh]) AND "Obesity"[Mesh] | 998 |
| #17 | Add | Search asthma AND obesity | 2190 |
| #16 | Add | Search ("Patient Positioning"[Mesh]) AND "Tomography, X-Ray Computed"[Mesh] Filters: Review | 43 |
| #14 | AND in builder | aphy, X-Ray Computed"[Mesh] | 308128 |
| #6 | OR in builder | Positioning"[Mesh] | 2383 |
| #1 | NOT in builder | patient positioning | 1351 |

- AND in builder
- OR in builder
- NOT in builder
- Delete from history
- Show search results
- Show search details
- Save in My NCBI

My NCBI

- Det er muligt at gemme søgningen og få nye resultater tilsendt, efterhånden som artiklerne bliver registreret i PubMed

[My NCBI](#) » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Patient Positioning"[Mesh]) AND "Tomog

Search terms: ("Patient Positioning"[Mesh])
AND "Tomography, X-Ray
Computed"[Mesh]

[Test search terms](#)

Filters: Review

E-mail: bnc@statsbiblioteket.dk ([change](#))

Would you like e-mail updates of new search results?

- No, thanks.
 Yes, please.

Frequency: Monthly

Which day? the first Saturday

Formats:

Report format: Summary

Number of items:

Send at most: 5 items Send even when there aren't any new results

Any text you want to be added at the top of your e-mail (optional):

Save

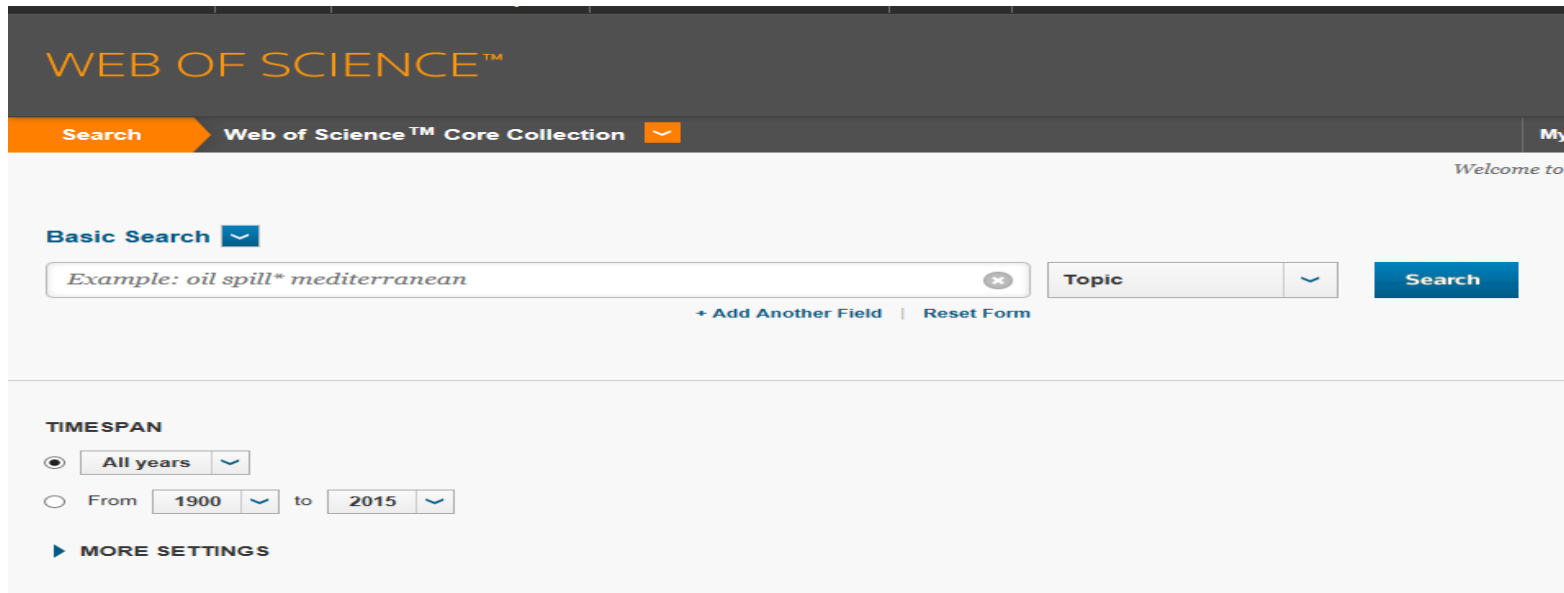
Cancel

Delete

[Skip sched](#)

Citationssøgning i Web of Science

- Tredje 'ben' i vores søgestrategi var at se på referencer og citationer.
- Referencerne findes i slutningen af artiklerne.
- Citationerne kan findes i Web of Science.



The screenshot shows the Web of Science search interface. At the top, the logo 'WEB OF SCIENCE™' is displayed in orange. Below it, a navigation bar contains 'Search' in an orange arrow, 'Web of Science™ Core Collection' with a dropdown arrow, and 'My' on the right. A 'Welcome to' message is visible in the top right corner. The main search area features a 'Basic Search' dropdown menu. The search input field contains the text 'Example: oil spill* mediterranean' and has a clear button (x). To the right of the input field is a 'Topic' dropdown menu and a blue 'Search' button. Below the search field are links for '+ Add Another Field' and 'Reset Form'. The 'TIMESPAN' section includes a radio button for 'All years' (selected), a 'From' dropdown set to '1900', and a 'to' dropdown set to '2015'. A 'MORE SETTINGS' link is located at the bottom of this section.

- Web of Science er en tværvideenskabelige database (dækker alle fagområder)

Web of Science

- Udgangspunktet er en allerede kendt artikel: **”Individualized positioning for maximum heart protection during breast irradiation”** af Varga Z
- I dette eksempel søger vi på et par ord fra titlen og første forfatter

The screenshot shows the Web of Science search interface. At the top, there are navigation links for Web of Science™, InCites™, Journal Citation Reports®, Essential Science Indicators™, and EndNote®. The main header features the 'WEB OF SCIENCE™' logo in orange. Below the header, there is a search bar with the text 'Search' and 'Web of Science™ Core Collection' with a dropdown arrow. On the right side of the header, there is a 'My Tools' link. The main content area has a 'Welcome to the new' message. The search form is titled 'Basic Search' with a dropdown arrow. It contains two search fields: the first field contains 'individualized positioning' and the second field contains 'varga'. Between the fields is a dropdown menu set to 'AND'. To the right of the search fields are two dropdown menus: 'Topic' and 'Author'. A blue 'Search' button is located to the right of the 'Author' dropdown. Below the search fields, there are links for '+ Add Another Field', 'Reset Form', and 'Select from Index'.

Web of Science™ InCites™ Journal Citation Reports® Essential Science Indicators™ EndNote®

WEB OF SCIENCE™

Search Web of Science™ Core Collection My Tools

Welcome to the new

Basic Search

individualized positioning Topic

AND varga Author Search

+ Add Another Field | Reset Form Select from Index

TIMESPAN

Web of Science

- Ved at klikke på tallet 2, vises de artikler, hvis litteraturliste henviser til Varga's artikel

Search My Tools Search History Marked List

Results: 1
(from Web of Science Core Collection)

You searched for: TOPIC:
(individualized positioning) AND
AUTHOR: (varga) ...More

Create Alert

Sort by: Publication Date -- newest to oldest Page 1 of 1

Select Page Save to EndNote online Add to Marked List

1. **Individualized positioning for maximum heart protection during breast irradiation**
By: Varga, Zoltan; Cserhati, Adrienn; Rarosi, Ferenc; et al.
ACTA ONCOLOGICA Volume: 53 Issue: 1 Pages: 58-64 Published: JAN 2014
AU Link View Abstract

Select Page Save to EndNote online Add to Marked List

Sort by: Publication Date -- newest to oldest Show: 10 per page Page 1 of 1

1 records matched your query of the 57,228,704 in the data limits you selected.

Analyze Results
Create Citation Report
Times Cited: 2
(from Web of Science Core Collection)

Refine Results

Search within results for...

Web of Science Categories

ONCOLOGY (1)

Refine

Document Types