



Litteratursøgning

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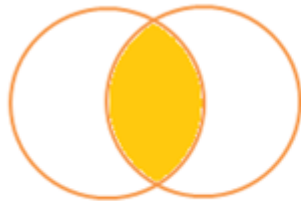
<https://library.au.dk/biblioteker/sundhedsvidenskab/>

Vigtige databaser

- Pubmed
- Embase
- Scopus
- Web of Science
- Cinahl
- PsycInfo
- SveMed (ikke opdateret siden januar 2020)

Søgeteknik

AND, OR, NOT



child AND asthma



asthma OR allergy



asthma NOT allergy

| | | |
|-----|----------------------|--------------------------------------|
| AND | = både og | (alle søgeord er inkluderet) |
| OR | = enten eller | (mindst ét søgeord er inkluderet) |
| NOT | = fratrullet | (de(t) angivne søgeord er udelukket) |

Søgeteknik

Trunkering

- Sæt en * efter dit søgeord, så søger du efter alle ord, der begynder med ordet.
F.eks.: knæ* = knæskal, knæskade, knæled osv.

Parenteser

- Kontrollerer den rækkefølge en søgning bliver udført i.
- F.eks.: (anxiety OR OCD) AND psychotherapy

Anførelstegn

- Søger du en bestemt titel eller et fast begreb, kan du sætte ordene i anførelstegn.
- F.eks.: "play therapy"

The Botulinum Treatment of Neurogenic Detrusor Overactivity: The Double-Face of the Neurotoxin

Chiara Traini ¹, Maria Giuliana Vannucchi ²

Affiliations + expand

PMID: 31652991 PMCID: PMC6891665 DOI: 10.3390/toxins11110614

Free PMC article

Abstract

Botulinum neurotoxin (BoNT) can counteract the highly frequent involuntary muscle contractions and the uncontrolled micturition events that characterize the neurogenic detrusor overactivity (NDO) due to supra-sacral spinal cord lesions. The ability of the toxin to block the neurotransmitter vesicular release causes the reduction of contractions and improves the compliance of the muscle and the bladder filling. BoNT is the second-choice treatment for NDO once the anti-muscarinic drugs have lost their effects. However, the toxin shows a time-dependent efficacy reduction up to a complete loss of activity. The cellular mechanisms responsible for BoNT effects exhaustion are not yet completely defined. Similarly, also the sites of its action are still under identification. A growing amount of data suggest that BoNT, beyond the effects on the efferent terminals, would act on the sensory system recently described in the bladder mucosa. The specimens from NDO patients no longer responding to BoNT treatment displayed a significant increase of the afferent terminals, likely excitatory, and signs of a chronic neurogenic inflammation in the mucosa. In summary, beyond the undoubted benefits in ameliorating the NDO symptomatology, BoNT treatment might bring to alterations in the bladder sensory system able to shorten its own effectiveness.

Keywords: afferent nerve endings; detrusor; innervation; nerve sprouting; sensory system; spinal cord lesion; upper lamina propria; urinary bladder; urothelium.

<https://pubmed.ncbi.nlm.nih.gov/31652991/>

Publication types

- › Research Support, Non-U.S. Gov't
- › Review

MeSH terms

- › Adult
- › Aged
- › Aged, 80 and over
- › Botulinum Toxins, Type A / adverse effects*
- › Botulinum Toxins, Type A / therapeutic use*
- › Clostridium botulinum / chemistry
- › Female
- › Humans
- › Male
- › Middle Aged
- › Muscle, Smooth / drug effects
- › Neuromuscular Agents / adverse effects*
- › Neuromuscular Agents / therapeutic use*
- › Urinary Bladder, Neurogenic / drug therapy*
- › Urinary Bladder, Overactive / drug therapy*
- › Urodynamics / drug effects*

Substances

- › Neuromuscular Agents
- › Botulinum Toxins, Type A

Kontrollerede emneord

PubMed: MeSH

All MeSH Categories

Diseases Category

Female Urogenital Diseases and Pregnancy Complications

Female Urogenital Diseases

Genital Diseases, Female

Adnexal Diseases

Fallopian Tube Diseases +

Ovarian Diseases +

Pelvic Inflammatory Disease +

Endometriosis

Gynatresia

Herpes Genitalis

Infertility

Infertility, Female

Reproductive Tract Infections

Sexual Dysfunction, Physiological

Dyspareunia

Vaginismus

<https://www.ncbi.nlm.nih.gov/mesh/?term=Genital+Diseases%2C+Female>

Tre overordnede faser

1. fase: Prøv dig frem - brug dine egne ord til at søge på. Find inspiration til søgeord.

2. fase: Kombiner alle relevante ord i en samlet, systematisk søgning.

3. fase: Se på referencer og citationer.

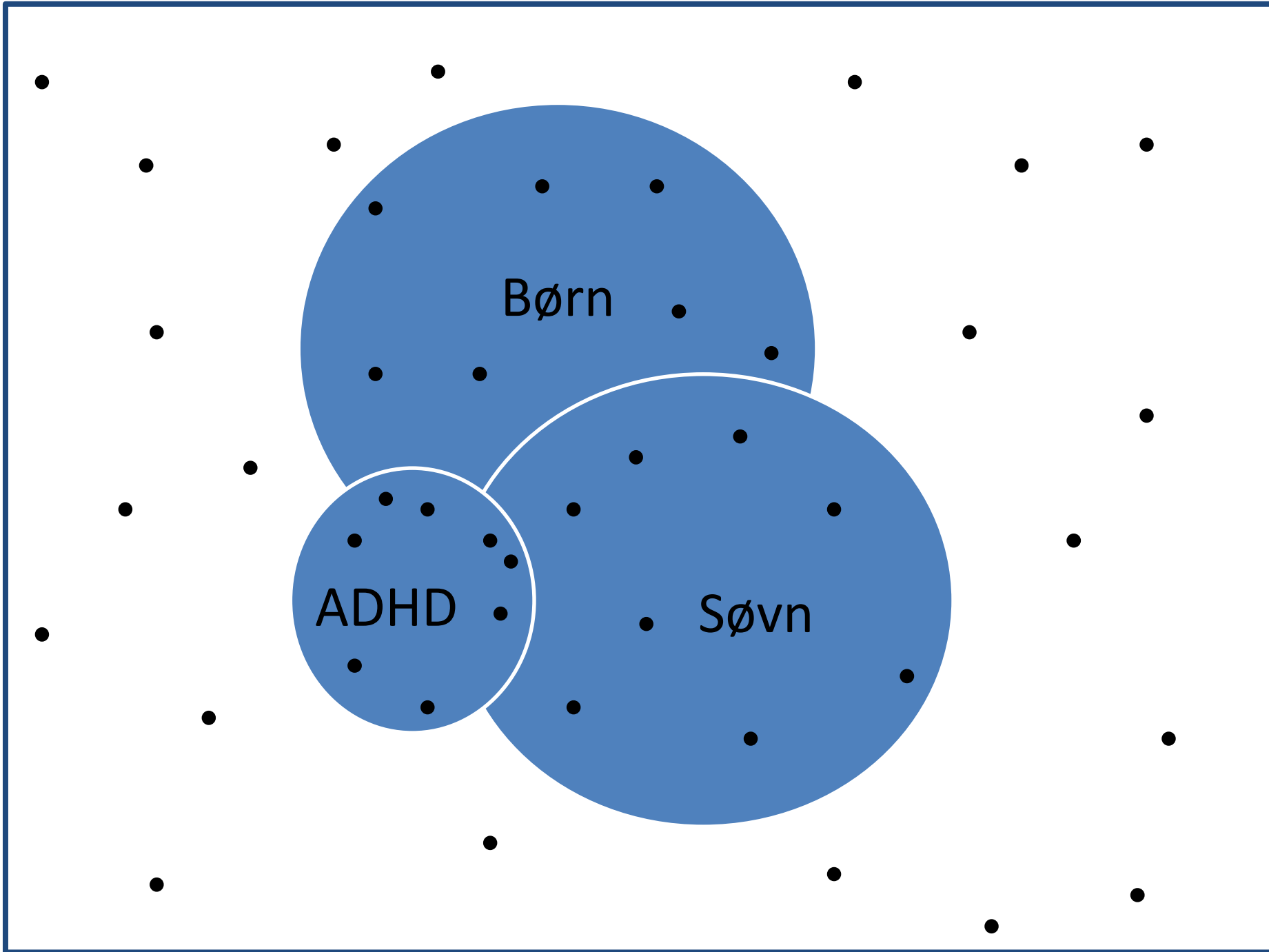
Mens du søger

- **Kig** på resultaterne. Er (nogle af) artiklerne relevante? Hvis ikke – modificer dine søgeord
- **Studer** relevante søgeresultater for at få inspiration til yderligere søgetermer
- **Skriv** dine søgeord ned løbende (f.eks. i et word-dokument), så du kan huske dem når du skal samle din søgning

Bloksøgning

Handler om at strukturere søgeordene i **blokke**. En blok kan bestå af ét eller flere begreber forbundet med OR. To eller flere blokke kombineres med AND.

Brug eventuelt **PICO** modellen.



| | | | | |
|----|-----|--|--|--|
| | AND | | | |
| OR | | | | |

- **Nøglebegreber**

Vælg de mest centrale ord fra din problemstilling.

”Hvilken effekt har CBT i behandlingen af børn med traumer?”

- **Nøglebegreber**

Vælg de mest centrale ord fra din problemstilling.

”Hvilken effekt har **CBT** i behandlingen af **børn** med **traumer**?”

- Reducerer anvendelsen af mekanisk tromboseprofylakse forekomsten af VTE ved benign gynækologisk kirurgi?

”Guideline vedr. Tromboseprofylakse ved benign gynækologisk kirurgi” (2020), Dansk Selskab for Obstetrik og Gynækologi, side 17

<https://static1.squarespace.com/static/5467abcce4b056d72594db79/t/5fc66fe1145a8629dc8ee5a9/1606840293138/Tromboseguide.pdf>

- Reducerer anvendelsen af mekanisk tromboseprofylakse forekomsten af VTE ved benign gynækologisk kirurgi?

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<https://static1.squarespace.com/static/5467abcce4b056d72594db79/t/5fc66fe1145a8629dc8ee5a9/1606840293138/Tromboseguide.pdf>

| | AND | | | |
|----|---|-----------------------------|----------------------|---|
| | Population | Intervention | Comparison | Outcome |
| OR | Patienter der får foretaget benign gynækologisk kirurgi | Mekanisk tromboseprofylakse | Placebo Ingenting | Venøs tromboemboli 30 dage postoperativt Død 30 dage postoperativt |

- **Synonymer**

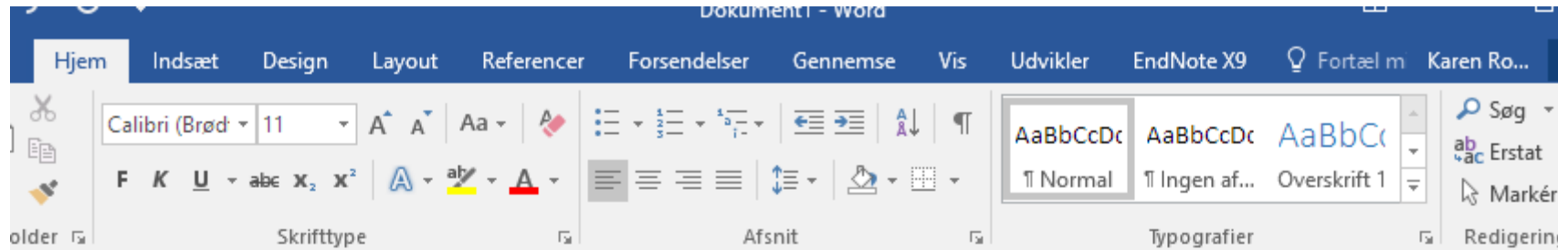
Tænk i synonymer, over- og underordnede begreber, forkortelser, alternative stavemåder m.m.

Fx child, children, schoolchildren, childhood, pediatric, paediatric ...

Kilder til søgeord: egen viden, kendte artikler, eksplorativ søgning

| | AND | |
|----|--|--|
| | Intervention | Population |
| OR | ((VTE OR "venous thromboembolism" OR thrombosis OR thromboembolic OR thromboembolic) AND (prophylaxis OR prevention)) thromboprophylaxis anti-embolism stocking* intermittent pneumatic compression IPC thrombo-embolic deterrent thromboembolic deterrent TED Compression Stocking* Compression Hose "Stockings, Compression"[Mesh] | laparoscop* AND (gynecolo* OR gynaecolo*) bilateral salpingo-oophorectomy bso unilateral salpingo-oophorectomy uso sterilization sterilisation cyst resection myomectomy laparoscopic hysterectomy (robotic OR robot assisted) AND hysterectomy laparoscopic assisted vaginal hysterectomy laparoscop* AND (prolapse surgery OR endometriosis surgery) |

Synonymer



Bør man anvende mekanisk tromboseprofylakse ved benign laparoskopisk gynækologisk kirurgi?

(Mekanisk) tromboseprofylakse

((VTE OR "venous thromboembolism" OR "Venous Thromboembolism"[Mesh] OR thrombosis OR thromboembolic OR thrombo embolic) AND (prophylaxis OR prevention))

thromboprophylaxis

anti-embolism stocking*

intermittent pneumatic compression

IPC

thrombo-embolic deterrent

thromboembolic deterrent

TED

Compression Stocking*

Compression Hose

benign laparoskopisk gynækologisk kirurgi

laparoscop* AND (gynecolo* OR gynaecolo*)

bilateral salpingo-oophorectomy

bso

unilateral salpingo-oophorectomy

uso

Bred vs. smal søgning

Bred

- Indeholder både meget specifikke og mere overordnede søgetermer
- Bruger både kontrollerede emneord og fritekstord
- Mange synonymer der kombineres med OR
- Ingen 'limits'
- Resultat: Mange referencer – mange irrelevante, men lav risiko for at frasortere relevante artikler.

Smal

- Bruger specifikke søgetermer
- Indeholder kun/overvejende kontrollerede emneord
- Mange søgetermer der kombineres med AND
- limits
- Resultat: Mange relevante referencer, få irrelevante. MEN større risiko for at sortere relevante referencer fra.

Guidelinefiltre – i PubMed og Embase

- **PubMed (filteret er adapteret fra Ovid interface til PubMed):**
 - ("Guideline"[Publication Type] OR "guideline*" [Title] OR "guidance"[Title] OR "consensus"[Title] OR "recommendations"[Title] OR "Health Planning Guidelines"[MeSH Terms] OR "Guidelines as Topic"[MeSH Terms])
 - ("Guideline"[Publication Type] OR "guideline*" [All Fields] OR "guidance"[All Fields] OR "consensus"[All Fields] OR "recommendations"[All Fields] OR "Health Planning Guidelines"[MeSH Terms] OR "Guidelines as Topic"[MeSH Terms])
- **Embase (filteret er adapteret fra Ovid interface til embase.com):**
 - guideline*:kw,ti OR guidance:kw,ti OR consensus:kw,ti OR recommendations:kw,ti OR 'practice guideline'/de

Guidelines - sider

- NICE (UK) - www.nice.org.uk
- SIGN (Skotland) - <https://www.sign.ac.uk/our-guidelines.html>
- HTA Database (CRD) - www.crd.york.ac.uk/CRDWeb/
- SBU (Sverige) - www.sbu.se/sv/
- Socialstyrelsen (Sverige) - <https://www.socialstyrelsen.se/regler-och-riktlinjer/nationella-riktlinjer/>
- Helsedirektoratet (Norge) - <https://www.helsedirektoratet.no/produkter>
- Folkehelseinstituttet (Norge) - <https://www.fhi.no/>
- G-I-N International - www.g-i-n.net/library/international-guidelines-library

Systematiske reviews – i PubMed og Embase

- **PubMed (filteret er adapteret fra Ovid interface til PubMed):**
 - ((systematic[tiab] OR method*[title] OR rapid[tiab] OR integrative[tiab] OR umbrella[tiab]) AND (review*[tiab] OR overview*[tiab] OR study[tiab] OR studies[tiab] OR search*[tiab] OR approach*[tiab])) OR (pooled[tiab] AND (data[tiab] OR analys*[tiab])) OR "meta analy*" [tiab] OR metaanaly*[tiab] OR pubmed[tiab] OR medline[tiab] OR embase[tiab] OR cochrane[tiab] OR "web of science"[tiab] OR psycinfo[tiab] OR psychinfo[tiab] OR scopus[tiab] OR "The Cochrane database of systematic reviews"[Journal] OR "Systematic Review" [Publication Type] OR "Meta-Analysis" [Publication Type])
- **Embase (filteret er adapteret fra Ovid interface til embase.com):**
 - 'systematic review'/exp OR 'meta analysis'/exp OR (((systematic OR method* OR rapid OR integrative) NEAR/3 (review* OR overview* OR study OR studies OR search* OR approach*)) :ab,ti,kw) OR 'meta analy*':ab,ti,kw OR metaanaly* :ab,ti,kw OR (pooled NEAR/1 (data OR analys*)) :ab,ti OR pubmed:ab,ti OR medline:ab,ti OR embase:ab,ti OR cochrane:ab,ti OR 'web of science':ab,ti OR psycinfo:ab,ti OR psychinfo:ab,ti OR scopus:ab,ti OR cochrane:jt

DOKUMENTATION AF SØGNING

Søgeprotokol

- Formål: transparens og reproducerbarhed

- Hvilken information er nødvendig at dokumentere for at andre kan vurdere eller gentage din søgning?

Søgeprotokol - indhold

- **Databaser** (inkl. platform), f.eks. Embase (database) Ovid (platform).
- **Dato** for søgningen
- Anvendte **kontrollerede emneord** og **friteksttermer**
- **Søgehistorie**, inkl. evt. afgrænsninger (f.eks. sprog)
- **Antal** fundne referencer
- **Evt. supplerende søgemetoder**, herunder hvor mange referencer dette fandt

Søgeprotokol for Delirium og ECT

| | |
|--|---|
| Projekttitel/aspekt | Litteraturgennemgangen er en del af et forskningsprojekt..... |
| Projektleder | XXX |
| Søgespecialisten | |
| Senest opdateret | <u>02.03.2015</u> |
| Inklusions- og eksklusionskriterier | Sprog: Engelsk, dansk, norsk og svensk År: (2005 -2015) |

Informationskilder

| <u>Database</u> | <u>Interface</u> | <u>Dato for søgning</u> |
|--|------------------|-------------------------|
| Medline | PubMed | <u>Februar 2015</u> |
| <u>Embase</u> | Elsevier | <u>Februar 2015</u> |
| CINAHL | EBSCO | <u>Februar 2015</u> |
| <u>PsycINFO</u> | ProQuest | <u>Februar 2015</u> |
| The Cochrane Library | Internet | <u>Februar 2015</u> |
| International Bibliography of the Social Sciences (IBSS) | ProQuest | <u>Februar 2015</u> |
| <u>Sociological Abstracts</u> | <u>ProQuest</u> | Februar 2015 |
| <u>Scopus</u> | Elsevier | Februar 2015 |

Note

- De fundne referencer overføres til RefWorks (referenceværktøj)
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer.

PubMed search history

| Recent queries | | |
|---------------------|--|-----------------------|
| Search | Query | Items found |
| #54 | Search (((((((("Delirium"[Mesh]) OR "delirium") OR "confusion") OR "cerebral dysfunction") OR "disorientation") OR "acute confusional state") OR "critical illness") OR "acute organic psychosyndrome") OR "Confusion"[Mesh])) AND (((("electroconvulsive shock") OR "electroshock") OR "electroconvulsive therapy") OR "Electroconvulsive Therapy"[Mesh]) Filters: Danish; English; German; Norwegian; Swedish | 371 |
| #49 | Search (((((((("Delirium"[Mesh]) OR "delirium") OR "confusion") OR "cerebral dysfunction") OR "disorientation") OR "acute confusional state") OR "critical illness") OR "acute organic psychosyndrome") OR "Confusion"[Mesh])) AND (((("electroconvulsive shock") OR "electroshock") OR "electroconvulsive therapy") OR "Electroconvulsive Therapy"[Mesh]) | 404 |
| #48 | Search (((((((("Delirium"[Mesh]) OR "delirium") OR "confusion") OR "cerebral dysfunction") OR "disorientation") OR "acute confusional state") OR "critical illness") OR "acute organic psychosyndrome") OR "Confusion"[Mesh] | 67761 |
| #42 | Search "Confusion"[Mesh] | 9375 |
| #18 | Search "acute organic psychosyndrome" | 5 |
| #17 | Search "critical illness" | 20080 |
| #16 | Search "acute confusional state" | 285 |
| #15 | Search "disorientation" | 2854 |
| #14 | Search "cerebral dysfunction" | 1233 |
| #12 | Search "confusion" | 26092 |
| #11 | Search "delirium" | 19845 |
| #10 | Search "Delirium"[Mesh] | 5896 |
| #7 | Search (((("electroconvulsive shock") OR "electroshock") OR "electroconvulsive therapy") OR "Electroconvulsive Therapy"[Mesh]) | 24370 |
| #6 | Search "electroconvulsive shock" | 1272 |
| #5 | Search "electroshock" | 13680 |
| #4 | Search "electroconvulsive therapy" | 11272 |
| #3 | Search "Electroconvulsive Therapy"[Mesh] | 9732 |

Embase

| No. | Query | Results |
|-----|---|---------|
| #19 | #6 AND #16 AND ([danish]/lim OR [english]/lim OR [german]/lim OR [norwegian]/lim OR [swedish]/lim) AND [2005-2015]/py | 472 |
| #18 | #6 AND #16 AND ([danish]/lim OR [english]/lim OR [german]/lim OR [norwegian]/lim OR [swedish]/lim) | 805 |
| #17 | #6 AND #16 | 869 |
| #16 | #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 | 102,062 |
| #15 | 'confusion'/exp | 22,654 |
| #14 | 'acute organic psychosyndrome' | 4 |
| #13 | 'critical illness' | 25,979 |
| #12 | 'acute confusional state' | 449 |
| #11 | 'disorientation' | 9,278 |
| #10 | 'cerebral dysfunction' | 1,616 |
| #9 | 'confusion' | 49,668 |
| #8 | 'delirium' | 22,009 |
| #7 | 'delirium'/exp | 19,409 |
| #6 | #1 OR #2 OR #3 OR #4 OR #5 | 21,401 |
| #5 | 'electroconvulsive shock' | 1,383 |
| #4 | 'electro shock' | 141 |
| #3 | 'electroshock' | 4,205 |
| #2 | 'electroconvulsive therapy' | 17,089 |
| #1 | 'electroconvulsive therapy'/exp | 16,431 |