

## Literature search

PubMed via NLM 2019-02-21

Risk of adverse events when using central venous catheters in home health care

Search terms	Items found
<b>Population:</b>	
1. (((((((((((Catheterization, central venous[MeSH Terms]) OR cvc*[Title/Abstract]) OR central venous catheter*[Title/Abstract]) OR venous catheter*[Title/Abstract]) OR central venous access device*[Title/Abstract]) OR central venous access[Title/Abstract]) OR venous access device*[Title/Abstract]) OR venous access[Title/Abstract]) OR central vascular catheter*[Title/Abstract]) OR vascular catheter*[Title/Abstract]) OR vascular access device*[Title/Abstract]) OR vascular access[Title/Abstract]) OR intravascular device*[Title/Abstract]) OR central catheter*[Title/Abstract]) OR central line*[Title/Abstract]) OR intravascular device*[Title/Abstract]	37 779
2. (((((((((((Home Health Nursing[MeSH Terms]) OR Home Care Services[MeSH Terms]) OR Home Care Services, Hospital-Based[MeSH Terms]) OR Nurses, Community Health[MeSH Terms]) OR nursing home*[Title/Abstract]) OR old people's home*[Title/Abstract]) OR care home*[Title/Abstract]) OR rest home*[Title/Abstract]) OR convalescent home*[Title/Abstract]) OR residential care[Title/Abstract]) OR home care[Title/Abstract]) OR housing care[Title/Abstract]) OR elderly home care[Title/Abstract]	89 189
<b>Outcome:</b>	
3. (((((((((((Catheter-related infections[MeSH Terms]) OR complication*[Title/Abstract]) OR adverse effect*[Title/Abstract]) OR adverse event*[Title/Abstract]) OR catheter-related[Title/Abstract]) OR risk factor*[Title/Abstract]) OR catheter-related bacteraemia*[Title/Abstract]) OR infection*[Title/Abstract]) OR thrombo*[Title/Abstract]) OR bacteraemia*[Title/Abstract]) OR sepsis[Title/Abstract]) OR device-related[Title/Abstract]) OR vascular-related[Title/Abstract]) OR line-related[Title/Abstract]) OR infection*[Title/Abstract]) OR cultures*[Title/Abstract]) OR colonization*[Title/Abstract]) OR colonisation*[Title/Abstract]) OR bloodstream infection*[Title/Abstract]	3 150 729
<b>Final 1 AND 2 AND 3</b>	<b>395</b>

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

“ ” = Citation Marks; searches for an exact phrase

**Cochrane Library via Wiley, 2019-02-22**

**Risk of adverse events when using central venous catheters in home health care**

Search terms	Items found
<b>Population:</b>	
1. MeSH descriptor: [Central Venous Catheters] explode all trees	114
2. cvc* OR "central venous catheter" OR "central venous catheters" OR "venous catheter" OR "venous catheters" OR "central venous access device" OR "central venous access devices" OR "central venous access" OR "venous access device" OR "venous access devices" OR "venous access" OR "central vascular catheter" OR "central vascular catheters" OR "vascular catheter" OR "vascular catheters" OR "vascular access device" OR "vascular access devices" OR "vascular access" OR "intravascular device" OR "intravascular devices" OR "central catheter" OR "central catheters" OR "central line" OR "central lines" OR "intravascular device" OR "intravascular devices":ti,ab,kw	3 901
3. 1 OR 2	3 901
<b>Outcome:</b>	
4. MeSH descriptor: [Catheter-Related Infections] explode all trees	284
5. complication OR complications OR "adverse effect" OR "adverse effects" OR "adverse event" OR "adverse events" OR "catheter-related" OR "risk factor" OR "risk factors" OR "catheter-related bacteraemia" OR "catheter-related bacteraemias" OR infection* OR thrombo* OR bacteraemia* OR sepsis OR device-related OR vascular-related OR line-related OR cultures* OR colonization* OR colonisation* OR "bloodstream infection" OR "bloodstream infections":ti,ab,kw	377 772
6. 4 OR 5	377 772
<b>Final 3 AND 6</b>	<b>2 683</b>
<b>CDSR = 227</b> <b>Cochrane Protocols = 35</b> <b>CENTRAL = 2404</b> <b>Editorials = 2</b> <b>Special Collections = 1</b> <b>Clinical Answers = 14</b>	

The search result, usually found at the end of the documentation, forms the list of abstracts

au = Author

MeSH = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

this term only = Does not include terms found below this term in the MeSH hierarchy

:ti = Title

:ab = Abstract

:kw = Keyword

\* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

**Embase via embase.com, 2019-03-01**

**Risk of adverse events when using central venous catheters in home health care**

Search terms	Items found
<b>Population:</b>	
1. 'central venous catheter'/exp	21 380
2. cvc* OR 'central venous catheter' OR 'central venous catheters' OR 'venous catheter' OR 'venous catheters' OR 'central venous access device' OR 'central venous access devices' OR 'central venous access' OR 'venous access device' OR 'venous access devices' OR 'venous access' OR 'central vascular catheter' OR 'central vascular catheters' OR 'vascular catheter' OR 'vascular catheters' OR 'vascular access device' OR 'vascular access devices' OR 'vascular access' OR 'intravascular devices' OR 'central catheter' OR 'central catheters' OR 'central line' OR 'central lines' OR 'intravascular device' OR 'intravascular devices':ti,ab,kw	67 204
3. 1 OR 2	67 715
4. 'home care'/exp	69 920
5. 'nursing home' OR 'nursing homes' OR 'care home' OR 'care homes' OR 'rest home' OR 'rest homes' OR 'convalescent home' OR 'convalescent homes' OR 'residential care home' OR 'residential care homes' OR 'care housing' OR 'care elderly' OR 'home care':ti,ab,kw	85 505
6. 4 OR 5	136 744
<b>Outcome:</b>	
7. 'catheter infection'/exp	16 413
8. (complication OR complications OR 'adverse effect' OR 'adverse effects' OR 'adverse event' OR 'adverse events' OR 'catheter-related' OR 'risk factor' OR 'risk factors' OR 'catheter-related bacteraemia' OR 'catheter-related bacteraemias' OR infection* OR thrombo*or) AND bacteraemia* OR sepsis OR 'device related' OR 'vascular related' OR 'line related' OR cultures* OR colonization*OR colonisation* OR 'bloodstream infection' OR 'bloodstream infections':ti,ab,kw	659 717
9. 7 OR 8	668 114
<b>Combined sets:</b>	
10. 3 AND 6 AND 9	289
<b>Limits:</b>	
11. 3 AND 6 AND 9 AND [embase]/lim	273
<b>Final</b>	<b>273</b>

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti,ab = Title or abstract

\* = Truncation

' ' = Citation Marks; searches for an exact phrase

CINAHL via ebsco.com, 2019-02-22

**Risk of adverse events when using central venous catheters in home health care**

Search terms	Items found
<b>Population:</b>	
1. (MH "Catheterization, Central Venous+")	4 422
2. TX cvc* OR "central venous catheter" OR "central venous catheters" OR "venous catheter" OR "venous catheters" OR "central venous access device" OR "central venous access devices" OR "central venous access" OR "venous access device" OR "venous access devices" OR "venous access" OR "central vascular catheter" OR "central vascular catheters" OR "vascular catheter" OR "vascular catheters" OR "vascular access device" OR "vascular access devices" OR "vascular access" OR "intravascular device" OR "intravascular devices" OR "central catheter" OR "central catheters" OR "central line" OR "central lines" OR "intravascular device" OR "intravascular devices"	23 521
3. 1 OR 2	25 119
4. (MH "Community Health Nursing") OR (MH "Home Health Care")	44 315
5. TX "nursing home" OR "nursing homes" OR "old people's home" OR "old people's homes" OR "care home" OR "care homes" OR "rest home" OR "rest homes" OR "convalescent home" OR "convalescent homes" OR "residential care home" OR "residential care homes" OR "care housing" OR "care elderly" OR "home care"	107 175
6. 4 OR 5	141 507
<b>Outcome:</b>	
7. (MH "Catheter-Related Infections+")	6 063
8. TX complication OR complications OR "adverse effect" OR "adverse effects" OR "adverse event" OR "adverse events" OR "catheter-related" OR "risk factor" OR "risk factors" OR "catheter-related bacteraemia" OR "catheter-related bacteraemias" OR infection* OR thrombo* OR bacteraemia* OR sepsis OR device-related OR vascular-related OR line-related OR cultures* OR colonization* OR colonisation* OR "bloodstream infection" OR "bloodstream infections"	1 506 840
9. 7 OR 8	1 506 840
<b>Final</b> 3 AND 6 AND 9	<b>1 260</b>

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the <sup>[\*]</sup>database's searchable fields

ZC = Methodology Index

\* = Truncation

“ ” = Citation Marks; searches for an exact phrase