

## Literature search

PubMed via NLM 190426

Natriuretic Peptide for heart failure diagnosis

Search terms	Items found
<b>Population:</b>	
1. "Heart Failure"[Mesh] OR "Heart Failure"[tiab] OR "Cardiac Failure"[tiab] OR "Heart Decompensation"[tiab] OR "Myocardial Failure"[tiab] OR chf[tiab] OR "cardiac backward failure"[tiab] OR "cardiac decompensation"[tiab] OR "cardiac incompetence"[tiab] OR "cardiac insufficiency"[tiab] OR "cardial decompensation"[tiab] OR "cardial insufficiency"[tiab] OR "chronic heart insufficiency"[tiab] OR "heart backward failure"[tiab] OR "heart decompensation"[tiab] OR "heart incompetence"[tiab] OR "heart insufficiency"[tiab] OR "myocardial insufficiency"[tiab]	202317
<b>Intervention:</b>	
2. "Natriuretic Peptide, Brain"[Mesh] OR BNP[tiab] OR "Brain Natriuretic Peptide"[tiab] OR "Type B Natriuretic Peptide"[tiab] OR "Ventricular Natriuretic Peptide"[tiab] OR Nesiritide[tiab] OR "Natriuretic Peptide Type B"[tiab] OR "B-Type Natriuretic Peptide"[tiab] OR "Brain Type Natriuretic Peptide"[tiab] OR "pro bnp"[tiab] OR probnp[tiab] OR ntpprobnp[tiab] OR "Natriuretic Factor"[tiab] OR Natrecor[tiab]	25661
<b>Study types:</b>	
3. Systematic[sb]	
<b>Combined sets:</b>	
4. 1 AND 2	10864
5. 3 AND 4	112
<b>Final</b> 5	<b>112</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 190426

**Natriuretic Peptide for heart failure diagnosis**

Search terms	Items found
<b>Population:</b>	
1. "Heart Failure"[Mesh] OR "Heart Failure":ti,ab,kw OR "Cardiac Failure":ti,ab,kw OR "Heart Decompensation":ti,ab,kw OR "Myocardial Failure":ti,ab,kw OR chf:ti,ab,kw OR "cardiac backward failure":ti,ab,kw OR "cardiac decompensation":ti,ab,kw OR "cardiac incompetence":ti,ab,kw OR "cardiac insufficiency":ti,ab,kw OR "cardial decompensation":ti,ab,kw OR "cardial insufficiency":ti,ab,kw OR "chronic heart insufficiency":ti,ab,kw OR "heart backward failure":ti,ab,kw OR "heart decompensation":ti,ab,kw OR "heart incompetence":ti,ab,kw OR "heart insufficiency":ti,ab,kw OR "myocardial insufficiency":ti,ab,kw	27048
<b>Intervention:</b>	
2. "Natriuretic Peptide, Brain"[Mesh] OR BNP:ti,ab,kw OR "Brain Natriuretic Peptide":ti,ab,kw OR "Type B Natriuretic Peptide":ti,ab,kw OR "Ventricular Natriuretic Peptide":ti,ab,kw OR Nesiritide:ti,ab,kw OR "Natriuretic Peptide Type B":ti,ab,kw OR "B-Type Natriuretic Peptide":ti,ab,kw OR "Brain Type Natriuretic Peptide":ti,ab,kw OR "pro bnp":ti,ab,kw OR probnp:ti,ab,kw OR ntpprobnp:ti,ab,kw OR "Natriuretic Factor":ti,ab,kw OR Natrecor:ti,ab,kw	5966
<b>Limits:</b>	
3. Cochrane reviews	
<b>Combined sets:</b>	
4. 1 AND 2	3136
5. 3 AND 4	3
<b>Final 5</b>	<b>3</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"

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, "other reviews"

EED = Economic Evaluations

HTA = Health Technology Assessments

Embase via embase.com 190426

Natriuretic Peptide for heart failure diagnosis

Search terms	Items found
<b>Population:</b>	
1. 'heart failure'/exp OR "Heart Failure":ti,ab OR "Cardiac Failure":ti,ab OR "Heart Decompensation":ti,ab OR "Myocardial Failure":ti,ab OR chf:ti,ab OR "cardiac backward failure":ti,ab OR "cardiac decompensation":ti,ab OR "cardiac incompetence":ti,ab OR "cardiac insufficiency":ti,ab OR "cardial decompensation":ti,ab OR "cardial insufficiency":ti,ab OR "chronic heart insufficiency":ti,ab OR "heart backward failure":ti,ab OR "heart decompensation":ti,ab OR "heart incompetence":ti,ab OR "heart insufficiency":ti,ab OR "myocardial insufficiency":ti,ab	524449
<b>Intervention:</b>	
2. 'brain natriuretic peptide'/exp OR bnp:ti,ab OR 'brain natriuretic peptide':ti,ab OR 'type b natriuretic peptide':ti,ab OR 'ventricular natriuretic peptide':ti,ab OR nesiritide:ti,ab OR 'natriuretic peptide type b':ti,ab OR 'b-type natriuretic peptide':ti,ab OR 'brain type natriuretic peptide':ti,ab OR 'pro bnp':ti,ab OR probnp:ti,ab OR ntpprobnp:ti,ab OR 'natriuretic factor':ti,ab OR natrecor:ti,ab	52732
<b>Study types:</b>	
3. [cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim	
<b>Combined sets:</b>	
4. 1 AND 2	29228
5. 3 AND 4	467
<b>Final</b> 5	<b>467</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

## Referenser

1. Swedish Council on Health Technology A. SBU Systematic Review Summaries. In: Role of Natriuretic Peptides in Diagnosing Heart Failure. Stockholm: Swedish Council on Health Technology Assessment (SBU) Copyright (c) 2006 by the Swedish Council on Health Technology Assessment.; 2006.
2. Khan MS, Siddiqi TJ, Usman MS, Sreenivasan J, Fugar S, Riaz H, et al. Does natriuretic peptide monitoring improve outcomes in heart failure patients? A systematic review and meta-analysis. *Int J Cardiol* 2018;263:80-7.
3. Pufulete M, Maishman R, Dabner L, Higgins JPT, Rogers CA, Dayer M, et al. B-type natriuretic peptide-guided therapy for heart failure (HF): a systematic review and meta-analysis of individual participant data (IPD) and aggregate data. *Syst Rev* 2018;7:112.
4. Shea BJ, Grimshaw JM, Wells GA, Boers M, Andersson N, Hamel C, et al. Development of AMSTAR: a measurement tool to assess the methodological quality of systematic reviews. *BMC Med Res Methodol* 2007;7:10.
5. Persson H, Erntell H, Eriksson B, Johansson G, Swedberg K, Dahlstrom U. Improved pharmacological therapy of chronic heart failure in primary care: a randomized Study of NT-proBNP Guided Management of Heart Failure--SIGNAL-HF (Swedish Intervention study--Guidelines and NT-proBNP AnaLysis in Heart Failure). *Eur J Heart Fail* 2010;12:1300-8.