

## Bijlage 6 Zoekverantwoording

Zoekverantwoording behorende bij de oorspronkelijke uitgangsvragen die in deze richtlijn evidence-based zijn uitgewerkt.

### Search strings

#### Uitgangsvraag COPD/hartfalen - warmtetherapie

Wat zijn de ongewenste en gewenste effecten van warmtetherapie in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen

**Intervention:** Warmtetherapie

**Comparison:** Geen warmtetherapie

**Outcome:** Pijn en kwaliteit van leven

### Search strategies

MEDLINE (13-06-2016)	
#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	thermotherap*[tiab] OR ((heat*[tiab] OR warm*[tiab]) AND (treat*[tiab] OR therap*[tiab] OR use*[tiab] OR wrap*[tiab])) OR short wave diathermy[tiab] OR hypertherm*[tiab]
8	#3 AND #6 AND #7
9	randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab]
10	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
11	#9 OR #10
10	#8 AND #11

11	(#6 AND #11) Filters: Publication date from 2000/01/01 to 2016/12/31
----	--

<b>EMBASE (13-06-2016)</b>	
<b>#</b>	<b>Keywords</b>
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	thermotherap*:ti,ab OR ((heat*:ti,ab OR warm*:ti,ab) AND (treat*:ti,ab OR therap*:ti,ab OR use*:ti,ab OR wrap*:ti,ab)) OR short wave diathermy:ti,ab OR hypertherm*:ti,ab
8	#3 AND #6 AND #7
9	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
10	#8 AND #9
11	(#8 AND #9) Filters: Publication date from 2000/01/01 to 2016/12/31

<b>Cochrane Library (13-06-2016)</b>	
<b>#</b>	<b>Keywords</b>
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND

	dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	thermotherap*:ti,ab OR ((heat*:ti,ab OR warm*:ti,ab) AND (treat*:ti,ab OR therap*:ti,ab OR use*:ti,ab OR wrap*:ti,ab)) OR short wave diathermy:ti,ab OR hypertherm*:ti,ab
10	#3 AND #8 AND #9
11	#3 AND #8 AND #9 Filters: Publication date from 2000/01/01 to 2016/12/31

## Search strings

### Uitgangsvraag COPD/hartfalen - massage

Wat zijn de ongewenste en gewenste effecten van massage in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	Massage
<b>Comparison:</b>	Geen massage
<b>Outcome:</b>	Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	Massage[tiab] OR (zone[tiab] AND therap*[tiab]) OR "Massage"[Mesh]
8	#3 AND #4 AND #5
9	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
10	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
11	#9 OR #10
10	#8 AND #11

#	Keywords
---	----------

1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	Massage:ti,ab OR (zone:ti,ab AND therap*:ti,ab) OR 'massage'/exp
8	#3 AND #6 AND #7
9	((cochrane review)/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
10	#8 AND #9

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND

	(heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	Massage:ti,ab OR (zone:ti,ab AND therap*:ti,ab)
10	MeSH descriptor: [Massage] explode all trees
11	#9 OR #10
12	#3 AND #8 AND #11

## Search strings

### Uitgangsvraag COPD/hartfalen - oefentherapie

Wat zijn de ongewenste en gewenste effecten van oefentherapie in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen  
**Intervention:** Oefentherapie  
**Comparison:** Geen oefentherapie  
**Outcome:** Pijn en kwaliteit van leven

#### Search strategies

MEDLINE (20-06-2016)	
#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	("Neoplasms"[Mesh] OR (neoplas*[tiab] OR (cancer*[tiab] OR (carcin*[tiab] OR (tumo*[tiab] OR (metasta*[tiab] OR (malig*[tiab]
5	thermotherap*[tiab] OR ((heat*[tiab] OR warm*[tiab]) AND (treat*[tiab] OR therap*[tiab] OR use*[tiab] OR wrap*[tiab])) OR short wave diathermy[tiab] OR hypertherm*[tiab]
6	#3 AND #4 AND #5
7	randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab]
8	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type] NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
9	#7 OR #8
10	#6 AND #9
11	(#6 AND #7) Filters: Publication date from 2007/01/01 to 2016/12/31

EMBASE (13-06-2016)	
#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp
3	#1 OR #2
4	('neoplasm'/exp) OR (neoplas*:ti,ab) OR (cancer*:ti,ab) OR (carcin*:ti,ab) OR (tumo*:ti,ab) OR (metasta*:ti,ab) OR (malig*:ti,ab)

5	thermotherap*:ti,ab OR ((heat*:ti,ab OR warm*:ti,ab) AND (treat*:ti,ab OR therap*:ti,ab OR use*:ti,ab OR wrap*:ti,ab)) OR short wave diathermy:ti,ab OR hypertherm*:ti,ab
6	#3 AND #4 AND #5
7	((cochrane review)/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
8	#6 AND #7
9	(#6 AND #7) Filters: Publication date from 2007/01/01 to 2016/12/31

<b>Cochrane Library (13-06-2016)</b>	
<b>#</b>	<b>Keywords</b>
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	MeSH descriptor: [Neoplasms] explode all trees
5	(neoplas*:ti,ab) OR (cancer*:ti,ab) OR (carcin*:ti,ab) OR (tumo*:ti,ab) OR (metasta*:ti,ab) OR (malig*:ti,ab)
6	#4 OR #5
7	thermotherap*:ti,ab OR ((heat*:ti,ab OR warm*:ti,ab) AND (treat*:ti,ab OR therap*:ti,ab OR use*:ti,ab OR wrap*:ti,ab)) OR short wave diathermy:ti,ab OR hypertherm*:ti,ab
8	#3 AND #6 AND #7
9	randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab]
8	#6 AND #7
9	(#6 AND #7) Filters: Publication date from 2007/01/01 to 2016/12/31



## Search strings

### Uitgangsvraag COPD/hartfalen - ontspanningstechnieken

Wat zijn de ongewenste en gewenste effecten van ontspanningstechnieken in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	Ontspanningstechnieken
<b>Comparison:</b>	Geen ontspanningstechnieken
<b>Outcome:</b>	Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	(relax*[tiab] OR rest*[tiab] OR relief*[tiab]) AND (exercis*[tiab] OR techni*[tiab] OR traini*[tiab])
8	#3 AND #6 AND #7
9	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
10	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
11	#9 OR #10
13	#8 AND #11
14	(#8 AND #11) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp

3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	(relax*:ti,ab OR rest*:ti,ab OR relief*:ti,ab) AND (exercis*:ti,ab OR techni*:ti,ab OR traini*:ti,ab)
8	#3 AND #6 AND #7
12	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
13	#8 AND #9
14	(#8 AND #9) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	(relax*:ti,ab OR rest*:ti,ab OR relief*:ti,ab) AND (exercis*:ti,ab OR techni*:ti,ab OR traini*:ti,ab)
8	#3 AND #8 AND #9
14	#3 AND #8 AND #9 Filters: Publication date from 2000/01/01 to 2016/12/31



## Search strings

### Uitgangsvraag COPD/hartfalen - cognitieve gedragstherapie

Wat zijn de ongewenste en gewenste effecten van cognitieve gedragstherapie in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	Cognitieve gedragstherapie
<b>Comparison:</b>	Geen cognitieve gedragstherapie
<b>Outcome:</b>	Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	(Cognitive[tiab] OR behavi*[tiab]) AND (exercis*[tiab] OR techni*[tiab] OR traini*[tiab] OR therapy[tiab])
8	#3 AND #6 AND #7
9	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
10	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
11	#9 OR #10
13	#8 AND #11
14	(#8 AND #11) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
4	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
5	'pain'/exp

6	#1 OR #2
7	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
8	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
9	#4 OR #5
10	(Cognitive:ti,ab OR behavi*:ti,ab) AND (exercis*:ti,ab OR techni*:ti,ab OR traini*:ti,ab OR therapy:ti,ab)
11	#3 AND #6 AND #7
12	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
13	#8 AND #9
14	(#8 AND #9) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	(Cognitive:ti,ab OR behavi*:ti,ab) AND (exercis*:ti,ab OR techni*:ti,ab OR traini*:ti,ab OR therapy:ti,ab)
10	#3 AND #8 AND #9
14	(#3 AND #8 AND #9) Filters: Publication date from 2000/01/01 to 2016/12/31



## Search strings

### Uitgangsvraag COPD/hartfalen - paracetamol

Wat zijn de ongewenste en gewenste effecten van paracetamol in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	Paracetamol
<b>Comparison:</b>	Geen paracetamol
<b>Outcome:</b>	Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	"Acetaminophen"[Mesh] OR paracetamol[tiab] OR acetaminophen[tiab] OR APAP[tiab] OR Tylenol[tiab] OR calpol[tiab] OR panadol[tiab]
8	#3 AND #6 AND #7
9	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type] NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
	#9 OR #10
10	#8 AND #11
11	(#8 AND #11) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp

3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	'paracetamol'/exp OR paracetamol:ti,ab OR acetaminophen:ti,ab OR APAP:ti,ab OR Tylenol:ti,ab OR calpol:ti,ab OR panadol:ti,ab
8	#3 AND #6 AND #7
9	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
10	#8 AND #9
11	(#8 AND #9) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	paracetamol:ti,ab OR acetaminophen:ti,ab OR APAP:ti,ab OR Tylenol:ti,ab OR calpol:ti,ab OR panadol:ti,ab
10	MeSH descriptor: [Acetaminophen] explode all trees



11	#9 OR #10
12	#3 AND #8 AND #11
11	(#3 AND #8 AND #11 Filters: Publication date from 2000/01/01 to 2016/12/31

## Search strings

### Uitgangsvraag COPD/hartfalen - NSAID

Wat zijn de ongewenste en gewenste effecten van NSAID (ibuprofen, diclofenac, naxproxen) in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	NSAID (ibuprofen, diclofenac, naxproxen)
<b>Comparison:</b>	Geen NSAID (ibuprofen, diclofenac, naxproxen)
<b>Outcome:</b>	Pijn en kwaliteit van leven.

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Ibuprofen[tiab] OR isobutylphenylpropan*[tiab] OR Brufen[tiab] OR Advil[tiab] OR Motrin[tiab] OR Nurofen[tiab] OR "Ibuprofen"[Mesh]
9	#7 AND #8
10	"Diclofenac"[Mesh] OR diclofenac[tiab] OR aclonac[tiab] OR cataflam[tiab] OR voltaren[tiab]
11	#7 AND #10
12	"Naproxen"[Mesh] OR naproxen[tiab] OR Aleve[tiab] OR anaprox[tiab] OR apronax[tiab] OR naprelan[tiab] OR naprosyn[tiab]
13	#7 AND #12
14	#7 AND (#9 OR #11 OR #13)
15	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
16	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))

17	#15 OR #16
16	#14 AND #17
17	(#14 AND #17) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Ibuprofen:ti,ab OR isobutylphenylpropan*:ti,ab OR Brufen:ti,ab OR Advil:ti,ab OR Motrin:ti,ab OR Nurofen:ti,ab OR 'ibuprofen'/exp
9	#7 AND #8
10	'diclofenac'/exp OR diclofenac:ti,ab OR aclonac:ti,ab OR cataflam:ti,ab OR voltaren:ti,ab
11	#7 AND #10
12	'naproxen'/exp OR naproxen:ti,ab OR Aleve:ti,ab OR anaprox:ti,ab OR apronax:ti,ab OR naprelan:ti,ab OR naprosyn:ti,ab
13	#7 AND #12
14	#7 AND (#9 OR #11 OR #13)
15	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
16	#14 AND #15
17	(#14 AND #15) Filters: Publication date from 2000/01/01 to 2016/12/31

#	Keywords
---	----------

1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	Ibuprofen:ti,ab OR isobutylphenylpropan*:ti,ab OR Brufen:ti,ab OR Advil:ti,ab OR Motrin:ti,ab OR Nurofen:ti,ab
10	MeSH descriptor: [Ibuprofen] explode all trees
11	diclofenac:ti,ab OR aclonac:ti,ab OR cataflam:ti,ab OR voltaren:ti,ab
12	MeSH descriptor: [Diclofenac] explode all trees
13	naproxen:ti,ab OR Aleve:ti,ab OR anaprox:ti,ab OR apronax:ti,ab OR naprelan:ti,ab OR naprosyn:ti,ab
14	MeSH descriptor: [Naproxen] explode all trees
15	#3 AND #8 AND (#9 OR #10 OR #11 OR #12 OR #13 OR #14)
16	#3 AND #8 AND (#9 OR #10 OR #11 OR #12 OR #13 OR #14) Filters: Publication date from 2000/01/01 to 2016/12/31

## Search strings

### Uitgangsvraag COPD/hartfalen - morfine

Wat zijn de effectiviteit en de bijwerkingen van morfine in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

Patiëntengroep: Patiënten met pijn en COPD / hartfalen  
 Intervention: Morfine  
 Comparison: Geen morfine  
 Outcome: Pijn en kwaliteit van leven

#### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Morphine[tiab] OR Morphia[tiab] OR Mscontin[tiab] OR Oramorph[tiab] OR Sevredol[tiab] OR "Morphine"[Mesh]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
12	#10 OR #11
11	#9 AND #12
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab

2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Morphine:ti,ab OR Morphia:ti,ab OR Mscontin:ti,ab OR Oramorph:ti,ab OR Sevredol:ti,ab OR 'morphine'/exp
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7

9	Morphine:ti,ab OR Morphia:ti,ab OR Mscontin:ti,ab OR Oramorph:ti,ab OR Sevredol:ti,ab
10	MeSH descriptor: [Morphine] explode all trees
11	#9 OR #10
11	#3 AND #8 AND #11
12	(#3 AND #8 AND #11) Filters: Publication date from 2000/01/01

## Search strings

### Uitgangsvraag COPD/hartfalen - fentanyl

Wat zijn de ongewenste en gewenste effecten van fentanyl in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	Fentanyl
<b>Comparison:</b>	Geen fentanyl
<b>Outcome:</b>	Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Fentanyl[tiab] OR fentanil[tiab] OR Actiq[tiab] OR Duragesic[tiab] OR Fentora[tiab] OR Sublimaze[tiab] Durogesic[tiab] OR Instanyl[tiab] OR Abstral[tiab] OR "Fentanyl"[Mesh]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
12	#10 OR #11
11	#9 AND #12
12	(#9 AND #12) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab



2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Fentanyl:ti,ab OR fentanil:ti,ab OR Actiq:ti,ab OR Duragesic:ti,ab OR Fentora:ti,ab OR Sublimaze:ti,ab Durogesic:ti,ab OR Instanyl:ti,ab OR Abstral:ti,ab OR 'fentanyl'/exp
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7

9	Fentanyl:ti,ab OR fentanil:ti,ab OR Actiq:ti,ab OR Duragesic:ti,ab OR Fentora:ti,ab OR Sublimaze:ti,ab Durogesic:ti,ab OR Instanyl:ti,ab OR Abstral:ti,ab
10	MeSH descriptor: [Fentanyl] explode all trees
11	#9 OR #10
12	#3 AND #8 AND #11
12	#3 AND #8 AND #11 Filters: Publication date from 2000/01/01

## Search strings

### Uitgangsvraag COPD/hartfalen - oxycodon

Wat zijn de ongewenste en gewenste effecten van oxycodon in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen

**Intervention:** Oxycodon

**Comparison:** Geen oxycodon

**Outcome:** Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Oxycodone[tiab] OR Roxycodone[tiab] OR OxyContin[tiab] OR Oxecta[tiab] OR OxyIR[tiab] OR Endone[tiab] OR Oxynorm[tiab] OR OxyNEO[tiab] OR "Oxycodone"[Mesh]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
	#10 OR #11
11	#9 AND #12
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab

2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Oxycodone:ti,ab OR Roxicodone:ti,ab OR OxyContin:ti,ab OR Oxecta:ti,ab OR OxyIR:ti,ab OR Endone:ti,ab OR Oxynorm:ti,ab OR OxyNEO:ti,ab OR 'oxycodone'/exp
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7

9	Oxycodone:ti,ab OR Roxycodone:ti,ab OR OxyContin:ti,ab OR Oxecta:ti,ab OR OxyIR:ti,ab OR Endone:ti,ab OR Oxynorm:ti,ab OR OxyNEO:ti,ab
10	MeSH descriptor: [Oxycodone] explode all trees
11	#9 OR #10
12	#3 AND #8 AND #11
12	#3 AND #8 AND #11 Filters: Publication date from 2000/01/01

## Search strings

### Uitgangsvraag COPD/hartfalen - hydromorfon

Wat zijn de ongewenste en gewenste effecten van hydromorfon in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen  
**Intervention:** Hydromorfon  
**Comparison:** Geen hydromorfon  
**Outcome:** Pijn en kwaliteit van leven

#### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Hydromorph*[tiab] OR dihydromorph*[tiab] OR Palladon*[tiab] OR Dilaudid[tiab] OR dilaudid*[tiab] OR "Hydromorphone"[Mesh]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
	#10 OR #11
11	#9 AND #12
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab

2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Hydromorph*:ti,ab OR dihydromorph*:ti,ab OR Palladon*:ti,ab OR Dilaudid:ti,ab OR dilaudid*:ti,ab OR 'hydromorphone'/exp
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7

9	Hydromorph*:ti,ab OR dihydromorph*:ti,ab OR Palladon*:ti,ab OR Dilaudid:ti,ab OR dilaudid*:ti,ab
10	MeSH descriptor: [Hydromorphone] explode all trees
11	#9 OR #10
9	#3 AND #8 AND #11
12	(#9 AND #10) Filters: Publication date from 2000/01/01



## Search strings

### Uitgangsvraag COPD/hartfalen - methadon

Wat zijn de ongewenste en gewenste effecten van methadon in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen  
**Intervention:** Methadon  
**Comparison:** Geen methadon  
**Outcome:** Pijn en kwaliteit van leven

#### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Methadone[tiab] OR Dolophine[tiab] OR "Methadone"[Mesh] OR methados*[tiab]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
	#10 OR #11
11	#9 AND #12
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab

2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Methadone:ti,ab OR Dolophine:ti,ab OR 'methadone'/exp OR methados*:ti,ab
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	Methadone:ti,ab OR Dolophine:ti,ab OR methados*:ti,ab

10	MeSH descriptor: [Methadone] explode all trees
11	#9 OR #10
10	#3 AND #8 AND #11
12	#3 AND #8 AND #11 Filters: Publication date from 2000/01/01

## Search strings

### Uitgangsvraag COPD/hartfalen - tapentadol

Wat zijn de ongewenste en gewenste effecten van tapentadol in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen  
**Intervention:** Tapentadol  
**Comparison:** Geen tapentadol  
**Outcome:** Pijn en kwaliteit van leven

#### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Tapentadol[tiab] OR Nucynta[tiab] OR Palexia[tiab] OR Tapal[tiab] OR "tapentadol" [Supplementary Concept]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp

3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Tapentadol:ti,ab OR Nucynta:ti,ab OR Palexia:ti,ab OR Tapal:ti,ab OR 'tapentadol'/exp
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7
9	Tapentadol:ti,ab OR Nucynta:ti,ab OR Palexia:ti,ab OR Tapal:ti,ab
10	#3 AND #8 AND #9

12	#3 AND #8 AND #9) Filters: Publication date from 2000/01/01
----	---

## Search strings

### Uitgangsvraag COPD/hartfalen - buprenorfine

Wat zijn de ongewenste en gewenste effecten van buprenorfine in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

**Patiëntengroep:** Patiënten met pijn en COPD / hartfalen  
**Intervention:** Buprenorfine  
**Comparison:** Geen buprenorfine  
**Outcome:** Pijn en kwaliteit van leven

#### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	Buprenorphine[tiab] OR Buprenex[tiab] OR Subutex[tiab] OR Suboxone[tiab] OR Butrans[tiab] OR Cizdol[tiab] OR Zubsolv[tiab] OR "Buprenorphine"[Mesh] OR temgesic[tiab] OR transtec[tiab] OR belbuca[tiab]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
	#10 OR #11
11	#9 AND #12
12	(#9 AND #12) Filters: Publication date from 2000/01/01

#	Keywords
---	----------

1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	Buprenorphine:ti,ab OR Buprenex:ti,ab OR Subutex:ti,ab OR Suboxone:ti,ab OR Butrans:ti,ab OR Cizdol:ti,ab OR Zubsolv:ti,ab OR 'buprenorphine'/exp OR temgesic:ti,ab OR transtec:ti,ab OR belbuca:ti,ab
9	#7 AND #8
10	[(cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees



8	#4 OR #5 OR #6 OR #7
9	Buprenorphine:ti,ab OR Buprenex:ti,ab OR Subutex:ti,ab OR Suboxone:ti,ab OR Butrans:ti,ab OR Cizdol:ti,ab OR Zubsolv:ti,ab OR temgesic:ti,ab OR transtec:ti,ab OR belbuca:ti,ab
10	MeSH descriptor: [Buprenorphine] explode all trees
11	#9 OR #10
9	#3 AND #8 AND #11
12	#3 AND #8 AND #11 ) Filters: Publication date from 2000/01/01

## Search strings

### Uitgangsvraag COPD/hartfalen - TENS

Wat zijn de ongewenste en gewenste effecten van TENS (transcutane elektrische zenuwstimulatie) in vergelijking met control voor patiënten met pijn en COPD of hartfalen?

<b>Patiëntengroep:</b>	Patiënten met pijn en COPD / hartfalen
<b>Intervention:</b>	TENS (transcutane elektrische zenuwstimulatie)
<b>Comparison:</b>	Geen TENS (transcutane elektrische zenuwstimulatie)
<b>Outcome:</b>	Pijn en kwaliteit van leven

### Search strategies

#	Keywords
1	Pain[tiab] OR (physica*[tiab] AND suffer*[tiab]) OR ache*[tiab]
2	"Pain"[Mesh]
3	#1 OR #2
4	COPD[tiab] OR (chronic[tiab] AND obstructive[tiab] AND pulmonary[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND lung[tiab] AND disease[tiab]) OR (chronic[tiab] AND obstructive[tiab] AND airway[tiab] AND disease[tiab]) OR "Pulmonary Disease, Chronic Obstructive"[Mesh]
5	(heart[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND failur*[tiab]) OR (cardi*[tiab] AND insufficien*[tiab]) OR (heart[tiab] AND insufficien*[tiab]) OR (left[tiab] AND ventric*[tiab] AND failure*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (left[tiab] AND ventric*[tiab] AND dysfunction*[tiab]) OR (heart[tiab] AND dysfunction*[tiab]) AND (heart[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR (cardi*[tiab] AND dysfunction*[tiab]) OR "Heart Failure"[Mesh]
6	#4 OR #5
7	#3 AND #6
8	"Transcutaneous Electric Nerve Stimulation"[Mesh] OR (Transcutaneous[tiab] AND Electric[tiab] AND Nerve[tiab] AND Stimulation[tiab]) OR TENS[tiab] OR TNS[tiab]
9	#7 AND #8
10	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab])
	((review[tiab] OR "Review"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta-analysis[tiab] OR "Meta-Analysis "[Publication Type]) NOT ("Letter"[Publication Type] OR "Editorial"[Publication Type] OR "Comment"[Publication Type])) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))
	#10 OR #11
11	#9 AND #12
12	(#9 AND #12) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab

2	'pain'/exp
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab) OR 'chronic obstructive lung disease'/exp
5	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR 'heart failure'/exp
6	#4 OR #5
7	#3 AND #6
8	'transcutaneous nerve stimulation'/exp OR (Transcutaneous:ti,ab AND Electric:ti,ab AND Nerve:ti,ab AND Stimulation:ti,ab) OR TENS:ti,ab OR TNS:ti,ab
9	#7 AND #8
10	([cochrane review]/lim OR [meta analysis]/lim OR [systematic review]/lim) OR ([article]/lim OR [article in press]/lim OR [review]/lim) OR ([controlled clinical trial]/lim OR [randomized controlled trial]/lim) AND ([article]/lim OR [article in press]/lim)
11	#9 AND #10
12	(#9 AND #10) Filters: Publication date from 2000/01/01

#	Keywords
1	Pain:ti,ab OR (physica*:ti,ab AND suffer*:ti,ab) OR ache*:ti,ab
2	MeSH descriptor: [Pain] explode all trees
3	#1 OR #2
4	COPD:ti,ab OR (chronic:ti,ab AND obstructive:ti,ab AND pulmonary:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND lung:ti,ab AND disease:ti,ab) OR (chronic:ti,ab AND obstructive:ti,ab AND airway:ti,ab AND disease:ti,ab)
5	MeSH descriptor: [Pulmonary Disease, Chronic Obstructive] explode all trees
6	(heart:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND failur*:ti,ab) OR (cardi*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND insufficien*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND failure*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND dysfunction*:ti,ab) OR (left:ti,ab AND ventric*:ti,ab AND insufficien*:ti,ab) OR (heart:ti,ab AND dysfunction*:ti,ab) AND (heart:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab) OR (cardi*:ti,ab AND dysfunction*:ti,ab)
7	MeSH descriptor: [Heart Failure] explode all trees
8	#4 OR #5 OR #6 OR #7

9	(Transcutaneous:ti,ab AND Electric:ti,ab AND Nerve:ti,ab AND Stimulation:ti,ab) OR TENS:ti,ab OR TNS:ti,ab
10	MeSH descriptor: [Transcutaneous Electric Nerve Stimulation] explode all trees
11	#9 OR #10
12	#3 AND #8 AND #11
12	(#3 AND #8 AND #11) Filters: Publication date from 2000/01/01

### **Search strings**

Zoektermen "Zwak werkende opioïden (codeïne, dihydrocodeïne en tramadol) bij COPD en hartfalen" in Medline via OVID

Zoekdatum 7 maart 2019

#### COPD

exp Pulmonary Disease, Chronic Obstructive/ OR COPD.ti,ab OR (Chronic AND obstructive AND pulmonary AND disease).ti,ab OR (Chronic AND obstructive AND lung AND disease).ti,ab OR (Chronic AND obstructive AND air AND disease).ti,ab 79420

#### Hartfalen

exp Heart Failure/ OR ((heart OR cardi\*) AND failure).ti,ab OR ((heart OR cardi\*) AND dysfunction\*).ti,ab OR ((heart OR cardi\*) AND insufficien\*).ti,ab OR (left AND ventric\* AND dysfunction\*).ti,ab OR (left AND ventric\* AND insufficien\*).ti,ab 326375

#### Pijn

Pain.ti,ab OR Exp Pain/ OR Pain measurement/ OR Pain management/ OR Palliative Care/ 766024

#### Zwak werkende opioïden

codeïne.ti,ab. OR exp codeïne/ OR exp Tramadol/ OR tramadol.ti,ab. OR dihydrocodeïne.ti,ab. OR (weak and opioids).ti,ab. 13693

#### Systematische reviews

(meta-analysis/ or meta-analysis as topic/ or (meta adj analy\$).tw. or ((systematic\* or literature) adj2 review\$1).tw. or (systematic adj overview\$1).tw. or exp "Review Literature as Topic"/ or cochrane.ab. or cochrane.jw. or embase.ab. or medline.ab. or (psychlit or psyclit).ab. or (cinahl or cinhal).ab. or cancerlit.ab. or ((selection criteria or data extraction).ab. and "review"/)) not (Comment/ or Editorial/ or Letter/ or (animals/ not humans/)) 384683

#### RCTs

(exp clinical trial/ or randomized controlled trial/ or exp clinical trials as topic/ or randomized controlled trials as topic/ or Random Allocation/ or Double-Blind Method/ or Single-Blind Method/ or (clinical trial, phase I or clinical trial, phase ii or clinical trial, phase iii or clinical trial, phase iv or controlled clinical trial or randomized controlled trial or multicenter study or clinical trial).pt. or random\*.ti,ab. or (clinic\* adj trial\*).tw. or ((singl\* or doubl\* or treb\* or tripl\*) adj (blind\$3 or mask\$3)).tw. or Placebos/ or placebo\*.tw.) not (animals/ not humans/) 1829462

Limit to yr="2006 -Current"

#### Overzicht:

(COPD OF hartfalen) EN pijn EN codeïne etc

- Sys rev OF RCT
- Limiet 2006-nu

N=11

## Search strings

Zoektermen “Zwak werkende opioïden (codeïne, dihydrocodeïne en tramadol) bij COPD en/of hartfalen” in Embase

Zoekdatum 7 maart 2019

### COPD

'chronic obstructive lung disease'/de OR COPD:ab,ti OR (chronic AND obstructive AND pulmonary AND disease):ab,ti OR (chronic AND obstructive AND lung AND disease):ab,ti OR (chronic AND obstructive AND airway AND disease):ab,ti 142438

### Hartfalen

'heart failure'/de OR ((heart OR cardi\*) AND failure\*):ab,ti OR ((heart OR cardi\*) AND insufficien\*):ab,ti OR ((heart and cardi\*) AND dysfunction\*):ab,ti OR ((left AND Ventric\*) AND (insufficien\* OR dysfunction\*)):ab,ti 481518

### Pijn

'pain'/de OR pain:ab,ti OR 'analgesia'/de OR analgesia:ab,ti OR 'cancer palliative therapy'/de OR ('cancer'/de AND 'pain'/de) 978304

Zwak werkende opioïden

'codeïne'/de OR 'dihydrocodeïne'/de OR 'tramadol'/de OR codeïne:ab,ti OR dihydrocodeïne:ab,ti OR tramadol:ab,ti OR (weak AND opioid):ab,ti 39757

Systematische review

'meta analysis'/de OR cochrane:ab OR embase:ab OR psychlit:ab OR cinahl:ab OR medline:ab OR (systematic NEAR/1 (review OR overview)):ab,ti OR (meta NEAR/1 analy\*):ab,ti OR metaanalys\*:ab,ti OR 'data extraction':ab OR cochrane:jt OR 'systematic review'/de NOT ('animal experiment'/exp OR 'animal model'/exp OR 'nonhuman'/exp NOT 'human'/exp) 411348

### RCTs

('clinical trial'/exp OR 'randomization'/exp OR 'single blind procedure'/exp OR 'double blind procedure'/exp OR 'crossover procedure'/exp OR 'placebo'/exp OR 'prospective study'/exp OR rct:ab,ti OR random\*:ab,ti OR 'single blind':ab,ti OR 'randomised controlled trial':ab,ti OR 'randomized controlled trial'/exp OR placebo\*:ab,ti) NOT 'conference abstract':it 2207448

AND [2006-2019]/py

### Overzicht:

(COPD OF hartfalen) EN pijn EN codeïne etc.

- Sys rev OF RCT
- Limiet 2006-nu

N=73

## Search strings

Zoektermen "Bijwerkingen van opioïden bij patiënten met COPD en hartfalen" in Medline via OVID  
Zoekdatum 7 maart 2019

### COPD

exp Pulmonary Disease, Chronic Obstructive/ OR COPD.ti,ab OR (Chronic AND obstructive AND pulmonary AND disease).ti,ab OR (Chronic AND obstructive AND lung AND disease).ti,ab OR (Chronic AND obstructive AND air AND disease).ti,ab 79420

### Hartfalen

exp Heart Failure/ OR ((heart OR cardi\*) AND failure).ti,ab OR ((heart OR cardi\*) AND dysfunction\*).ti,ab OR ((heart OR cardi\*) AND insufficien\*).ti,ab OR (left AND ventric\* AND dysfunction\*).ti,ab OR (left AND ventric\* AND insufficien\*).ti,ab 326375

### Bijwerkingen

(adverse adj3 effect\*).ab,ti. OR (side adj3 effect\*).ab,ti OR toxicity.ab,ti 688515

### Opioïden

exp Morphine/ OR exp Fentanyl/ OR exp Methadone/ OR exp Oxycodone/ OR exp Hydromorphone/ OR exp Analgesics, Opioid/ OR (morphine or fentanyl or oxycodone or methadone or hydromorphone or opioid\*).ab,ti. 170615

### Systematische reviews

(meta-analysis/ or meta-analysis as topic/ or (meta adj analy\$).tw. or ((systematic\* or literature) adj2 review\$1).tw. or (systematic adj overview\$1).tw. or exp "Review Literature as Topic"/ or cochrane.ab. or cochrane.jw. or embase.ab. or medline.ab. or (psychlit or psyclit).ab. or (cinahl or cinhal).ab. or cancerlit.ab. or ((selection criteria or data extraction).ab. and "review"/)) not (Comment/ or Editorial/ or Letter/ or (animals/ not humans/)) 384415

### RCTs

(exp clinical trial/ or randomized controlled trial/ or exp clinical trials as topic/ or randomized controlled trials as topic/ or Random Allocation/ or Double-Blind Method/ or Single-Blind Method/ or (clinical trial, phase I or clinical trial, phase ii or clinical trial, phase iii or clinical trial, phase iv or controlled clinical trial or randomized controlled trial or multicenter study or clinical trial).pt. or random\*.ti,ab. or (clinic\* adj trial\*).tw. or ((singl\* or doubl\* or treb\* or tripl\*) adj (blind\$3 or mask\$3)).tw. or Placebos/ or placebo\*.tw.) not (animals/ not humans/) 1834655

Limit to yr="2006 -Current"

### Overzicht:

(COPD OF hartfalen) EN bijwerkingen EN opioïden etc

- Sys rev OF RCT
- Limiet 2006-nu

N=57

## Search strings

Zoektermen "Bijwerkingen van opioïden bij patiënten met COPD en/of hartfalen" in Embase  
Zoekdatum 7 maart 2019

### COPD

'chronic obstructive lung disease'/de OR COPD:ab,ti OR (chronic AND obstructive AND pulmonary AND disease):ab,ti OR (chronic AND obstructive AND lung AND disease):ab,ti OR (chronic AND obstructive AND airway AND disease):ab,ti 142438

### Hartfalen

'heart failure'/de OR ((heart OR cardi\*) AND failure\*):ab,ti OR ((heart OR cardi\*) AND insufficien\*):ab,ti OR ((heart and cardi\*) AND dysfunction\*):ab,ti OR ((left AND Ventric\*) AND (insufficien\* OR dysfunction\*)):ab,ti 481518

### Bijwerkingen

((adverse NEAR/3 effect\*):ab,ti) OR ((side NEAR/3 effect\*):ab,ti) OR toxicity:ab,ti 964968

### Opioïden

'morphine'/exp OR 'fentanyl'/exp OR 'oxycodone'/exp OR 'methadone'/exp OR 'hydromorphone'/exp OR 'opiate'/exp OR morphine:ab,ti OR fentanyl:ab,ti OR oxycodone:ab,ti OR hydromorphone:ab,ti OR opioid\*:ab,ti 274892

### Systematische review

'meta analysis'/de OR cochrane:ab OR embase:ab OR psychlit:ab OR cinahl:ab OR medline:ab OR (systematic NEAR/1 (review OR overview)):ab,ti OR (meta NEAR/1 analy\*):ab,ti OR metaanalys\*:ab,ti OR 'data extraction':ab OR cochrane:jt OR 'systematic review'/de NOT ('animal experiment'/exp OR 'animal model'/exp OR 'nonhuman'/exp NOT 'human'/exp) 411348

### RCTs

('clinical trial'/exp OR 'randomization'/exp OR 'single blind procedure'/exp OR 'double blind procedure'/exp OR 'crossover procedure'/exp OR 'placebo'/exp OR 'prospective study'/exp OR rct:ab,ti OR random\*:ab,ti OR 'single blind':ab,ti OR 'randomised controlled trial':ab,ti OR 'randomized controlled trial'/exp OR placebo\*:ab,ti) NOT 'conference abstract':it 2207448

AND [2006-2019]/py

(COPD OF hartfalen) EN bijwerkingen van opioïden etc.

- Sys rev OF RCT
- Limiet 2006-nu

N=153