



Søgeprotokol PICO 1

Dette arbejdsblad kan anvendes i forbindelse med litteratursøgningerne på de emner, der indgår i retningslinjen.

Se evt. eksempel på udfyldt skema eller kontakt Retningslinjese sekretariatet for bistand til udfyldelsen

Emne

Udfyld ét arbejdsblad for hvert emne.

Titel (på retningslinje)	Farmakologiske interventioner til lindring af refraktær dyspnø hos voksne kræftpatienter i sen eller terminal palliativ fase
DMCG	DMCG-PAL
Kontakt med metodespecialist	Alle litteratursøgninger er foretaget af Tina Harmer Lassen, metodekonsulent i DMCG-PAL.
Senest udfyldt	09.11.2018

Afgrænsning af emne	
Baggrund	Opdatering af klinisk retningslinje om behandling af dyspnø hos patienter med uhelbredelig kræft.
Inklusions- og eksklusionskriterier	Inklusionskriterier: Studiepopulation: Cancerpatienter med dyspnø Publikationsdato (periode): fra 2010 og frem. Se nedenstående bilag med søgestreng for afgrænsninger i de specifikke søgninger. Sprog: Engelsk, dansk, svensk, norsk, tysk Publikationstyper: Guidelines, systematiske reviews, meta-analyser, randomiserede kontrollerede forsøg.

Emneord

Specifikke søgeord fremgår endvidere af bilag for de enkelte søgninger indsat nedenfor.

Population

Dyspnea OR dyspn* OR breathless* OR "shortness of breath"

Intervention



PICO 1: opioid* OR opiate* OR papaveretum OR morphine OR fentanyl OR hydromorphone OR oxycodone OR pentazocine OR methadone OR codeine OR dextromoramide OR OTFC OR diamorphine OR dihydrocodeine OR dextropropoxyphene OR meptazinol OR sufentanil OR alfentanil OR remifentanil OR nalbuphine OR meptazinol OR dipipanone OR pethidine OR tramadol OR buprenorphine OR "Analgesics, Opioid".

Søgning efter guidelines

Databaser (Guidelines)	Dato for søgning
www.tripdatabase.com (Turning Research Into Practice)	09.05.2018
www.nice.org.uk (NICE UK)	14.05.2018
www.guideline.gov (National Guideline Clearinghouse)	14.05.2018
www.sign.ac.uk (Scottish Intercollegiate Guidelines Network (SIGN))	14.05.2018
www.crd.york.ac.uk/CRDWeb/ (HTA Database)	14.05.2018
www.cochrane.com (The Cochrane Collaboration)	14.05.2018
www.joannabriggs.org (The Joanna Briggs Institute)	15.05.2018
www.sbu.se/sv/ (SBU, Sverige)	15.05.2018
www.socialstyrelsen.se (Socialstyrelsen, Sverige)	15.05.2018
www.kunnskapssenteret.no (Kunnskapscenteret, Norge)	15.05.2018
www.helsedirektoratet.no (Helsedirektoratet, Norge)	15.05.2018

Søgning efter systematiske reviews

Til PICO 1: Opioider

Databaser (systematiske reviews)	Dato for søgning
Cochrane Library	22.05.2018
Medline	29.05.2018
EMBASE	29.05.2018
CINAHL	25.07.2018

Søgning efter primærlitteratur (randomiserede kontrollerede forsøg)

Til PICO 1: Opioider



Databaser (primær litteratur)	Dato for søgning
Medline	17.05.2018
EMBASE	18.05.2018
THE COCHRANE LIBRARY	22.05.2018
CINAHL	29.06.2018
Bibliotek.dk	23.05.2018
Tripdatabase	23.05.2018

Søgning efter primærlitteratur (randomiserede kontrollerede forsøg) Til første fokuserede spørgsmål, opdatering

Databaser (primær litteratur)	Dato for søgning
Medline	20.11.2018
EMBASE	20.11.2018
THE COCHRANE LIBRARY	20.11.2018
CINAHL	21.11.2018

Søgestrategier (kopieret ind)

For hver database der søges i, kopieres selve søgningen ind herunder.

Guideline søgning

Database	Dato for søgning	Søgeord
www.tripdatabase.com (Turning Research Into Practice)	09.05.2018	(dyspnea cancer) from:2010 (breathlessness cancer) from:2010
www.nice.org.uk (NICE UK)	14.05.2018	Dyspnea Dyspnoea Breathlessness
www.guideline.gov (National Guideline Clearinghouse)	14.05.2018	Dyspnea Dyspnoea Breathlessness
www.sign.ac.uk (Scottish Intercollegiate Guidelines Network (SIGN))	14.05.2018	Dyspnea Dyspnoea Breathlessness
www.crd.york.ac.uk/CRDWeb/ (HTA Database)	14.05.2018	(dyspnea) AND (cancer) FROM 2010 TO 2018 (dyspnoea) AND (cancer) FROM 2010 TO 2018 (breathlessness) AND (cancer) FROM 2010 TO 2018



www.cochrane.com (The Cochrane Collaboration)	14.05.2018	ID #1 Search #2 Dyspnea #3 Dyspnoea #4 Breathlessness #5 #1 or #2 or #3 #6 MeSH descriptor: [Neoplasms] explode all trees #7 cancer #8 #5 or #6 #4 and #7
www.joannabriggs.org (The Joanna Briggs Institute)	15.05.2018	breathlessness AND cancer Dyspnea
www.sbu.se/sv/ (SBU, Sverige)	15.05.2018	Andfåddhet Andnöd Dyspné
www.socialstyrelsen.se (Socialstyrelsen, Sverige)	15.05.2018	Andfåddhet cancer Andnöd cancer Dyspné
www.kunnskapscenteret.no (Kunnskapscenteret, Norge)	15.05.2018	Kortpustethet tungpustethet dyspné åndenød
www.helsedirektoratet.no (Helsedirektoratet, Norge)	15.05.2018	kortpustethet tungpustethet dyspné åndenød

Sekundær litteratursøgning til PICO 1

Dato	Database	Søgestreng	Afgrænsning
22.05.2018	Cochrane Library	#1 MeSH descriptor: [Analgesics, Opioid] explode all trees #2 Papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine #3 MeSH descriptor: [Dyspnea] explode all trees #4 dyspnoea* #5 breathless* #6 (short* near/2 breath*) #7 dyspnea	Publiceret fra 01.01.2015 til 22.05.2018



		<p>#8 #1 or #2</p> <p>#9 #3 or #4 or #5 or #6 or #7</p> <p>#10 #8 and #9</p>																							
29.05.2018	Pubmed	Search ((((((((((papaveretum OR morphine OR fentanyl OR hydromorphone OR oxycodone OR pentazocine OR methadone OR opioid* OR opiate* OR codeine OR dextromoramide OR OTFC OR diamorphine OR dihydrocodeine OR dextropropoxyphene OR meptazinol OR sufentanil OR alfentanil OR remifentanil OR nalbuphine OR meptazinol OR dipipanone OR pethidine OR tramadol OR buprenorphine)))))) OR "Analgesics, Opioid"[Mesh])))) AND (((("Dyspnea"[Mesh]) OR (((dyspnea OR dyspnoea*) OR breathless*) OR "shortness of breath")))) AND ((((((review[Title/Abstract]) OR review[Publication Type]) OR meta-analysis[Title/Abstract]) OR meta-analysis[Publication Type]))) NOT (((letter[Publication Type]) OR comment[Publication Type]) OR editorial[Publication Type]))	Publiceret fra 01.01.2015 til 29.05.2018																						
29.05.2018	EMBASE	<p>1 exp opiate/ (69932)</p> <p>2 (Papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine).af. (346592)</p> <p>3 (dyspnoea* or breathless* or shortness of breath).af. (34661)</p> <p>4 dyspnea.mp. or exp dyspnea/ (155580)</p> <p>5 MEDLINE.tw. (116397)</p> <p>6 systematic review.mp. or exp "systematic review"/ (223164)</p> <p>7 meta analysis/ (144547)</p> <p>8 intervention*.ti. (163365)</p> <p>9 1 or 2 (346592)</p> <p>10 3 or 4 (163590)</p> <p>11 5 or 6 or 7 or 8 (490705)</p> <p>12 9 and 10 and 11 (241)</p>	Publiceret fra 01.01.2015 til 29.05.2018																						
25.07.2018	CINAHL	<table border="1"> <thead> <tr> <th>#</th> <th>Query</th> </tr> </thead> <tbody> <tr> <td>S12</td> <td>S3 AND S6 AND S10</td> </tr> <tr> <td>S11</td> <td>S3 AND S6 AND S10</td> </tr> <tr> <td>S10</td> <td>S7 OR S8 OR S9</td> </tr> <tr> <td>S9</td> <td>systematic review</td> </tr> <tr> <td>S8</td> <td>PT review</td> </tr> <tr> <td>S7</td> <td>(MH "Meta Analysis")</td> </tr> <tr> <td>S6</td> <td>S4 OR S5</td> </tr> <tr> <td>S5</td> <td>(MH "Dyspnea+")</td> </tr> <tr> <td>S4</td> <td>(dyspnoea* or breathless* or (short* N2 breath*))</td> </tr> <tr> <td>S3</td> <td>S1 OR S2</td> </tr> </tbody> </table>	#	Query	S12	S3 AND S6 AND S10	S11	S3 AND S6 AND S10	S10	S7 OR S8 OR S9	S9	systematic review	S8	PT review	S7	(MH "Meta Analysis")	S6	S4 OR S5	S5	(MH "Dyspnea+")	S4	(dyspnoea* or breathless* or (short* N2 breath*))	S3	S1 OR S2	Publiceret fra 01.01.2015 til 27.07.2018
#	Query																								
S12	S3 AND S6 AND S10																								
S11	S3 AND S6 AND S10																								
S10	S7 OR S8 OR S9																								
S9	systematic review																								
S8	PT review																								
S7	(MH "Meta Analysis")																								
S6	S4 OR S5																								
S5	(MH "Dyspnea+")																								
S4	(dyspnoea* or breathless* or (short* N2 breath*))																								
S3	S1 OR S2																								



		S2	(MH "Analgesics, Opioid+")	
		S1	papaveretum OR morphine OR fentanyl OR hydromorphone OR oxycodone OR pentazocine OR methadone OR opioid* OR opiate* OR codeine OR dextromoramide OR OTFC OR diamorphine OR dihydrocodeine OR dextropropoxyphene OR meptazinol OR sufentanil OR alfentanil OR remifentanil OR nalbuphine OR meptazinol OR dipipanone OR pethidine OR tramadol OR buprenorphine	

Primær litteratursøgning: PICO 1

Dato	Database	Søgestreng	Afgrænsning
17.05.2018	Pubmed	Search ((((((papaveretum OR morphine OR fentanyl OR hydromorphone OR oxycodone OR pentazocine OR methadone OR opioid* OR opiate* OR codeine OR dextromoramide OR OTFC OR diamorphine OR dihydrocodeine OR dextropropoxyphene OR meptazinol OR sufentanil OR alfentanil OR remifentanil OR nalbuphine OR meptazinol OR dipipanone OR pethidine OR tramadol OR buprenorphine)))))) OR "Analgesics, Opioid"[Mesh])) AND (("Dyspnea"[Mesh]) OR (((dyspnea) OR dyspnoea*) OR breathless*) OR "shortness of breath")) AND ((((((randomized controlled trial) OR controlled clinical trial) OR randomized) OR placebo) OR drug therapy[Title/Abstract]) OR randomly) OR trial)	Publiceret fra 01.01.2015 til 17.05.2018
18.05.2018	EMBASE	1 exp opiate/ (69831) 2 (Papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine).af. (346131) 3 dyspnea.mp. or exp dyspnea/ (155172) 4 (dyspnoea* or breathless* or shortness of breath).af. (34620) 5 (random\$ or factorial\$ or crossover\$ or cross over\$ or cross-over\$ or placebo\$ or double\$ blind\$ or single\$ blind\$ or assign\$ or allocat\$ or volunteer\$ or double-blind procedure or trial).af. (3156925) 6 crossover procedure/ (55512) 7 randomized controlled trial/ (502772) 8 single blind procedure/ (31388) 9 1 or 2 (346131) 10 3 or 4 (163175) 11 5 or 6 or 7 or 8 (3156925) 12 9 and 10 and 11 (1140)	Publiceret fra 01.01.2015 til 18.05.2018
22.05.2018	Cochrane Library	#1 MeSH descriptor: [Analgesics, Opioid] explode all trees #2 Papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine #3 MeSH descriptor: [Dyspnea] explode all trees	Publiceret fra 01.01.2015 til 22.05.2018



		<p>#4 dyspnoea*</p> <p>#5 breathless*</p> <p>#6 (short* near/2 breath*)</p> <p>#7 dyspnea</p> <p>#8 #1 or #2</p> <p>#9 #3 or #4 or #5 or #6 or #7</p> <p>#10 #8 and #9</p>																																					
29.06.2018	Cinahl	<table border="1"> <thead> <tr> <th>#</th> <th>Query</th> </tr> </thead> <tbody> <tr> <td>S17</td> <td>S7 AND S16</td> </tr> <tr> <td>S16</td> <td>S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15</td> </tr> <tr> <td>S15</td> <td>(allocat* random*)</td> </tr> <tr> <td>S14</td> <td>(MH "Quantitative Studies")</td> </tr> <tr> <td>S13</td> <td>(MH "Placebos")</td> </tr> <tr> <td>S12</td> <td>placebo*</td> </tr> <tr> <td>S11</td> <td>(random* allocat*)</td> </tr> <tr> <td>S10</td> <td>(MH "Random Assignment")</td> </tr> <tr> <td>S9</td> <td>(Randomi?ed control* trial*)</td> </tr> <tr> <td>S8</td> <td>(singl* blind*) or (doubl* blind*) or (tripl* blind*) or (trebl* blind*) or (trebl* mask*) or (tripl* mask*) or (doubl* mask*) or (singl* mask*)</td> </tr> <tr> <td>S7</td> <td>S3 AND S6</td> </tr> <tr> <td>S6</td> <td>S4 OR S5</td> </tr> <tr> <td>S5</td> <td>(dyspnoea* or breathless* or (short* N2 breath*))</td> </tr> <tr> <td>S4</td> <td>(MH "Dyspnea+")</td> </tr> <tr> <td>S3</td> <td>S1 OR S2</td> </tr> <tr> <td>S2</td> <td>(papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine)</td> </tr> <tr> <td>S1</td> <td>(MH "Analgesics, Opioid+")</td> </tr> </tbody> </table>	#	Query	S17	S7 AND S16	S16	S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15	S15	(allocat* random*)	S14	(MH "Quantitative Studies")	S13	(MH "Placebos")	S12	placebo*	S11	(random* allocat*)	S10	(MH "Random Assignment")	S9	(Randomi?ed control* trial*)	S8	(singl* blind*) or (doubl* blind*) or (tripl* blind*) or (trebl* blind*) or (trebl* mask*) or (tripl* mask*) or (doubl* mask*) or (singl* mask*)	S7	S3 AND S6	S6	S4 OR S5	S5	(dyspnoea* or breathless* or (short* N2 breath*))	S4	(MH "Dyspnea+")	S3	S1 OR S2	S2	(papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine)	S1	(MH "Analgesics, Opioid+")	Publiceret fra 01.01.2015 til 29.06.2018
#	Query																																						
S17	S7 AND S16																																						
S16	S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15																																						
S15	(allocat* random*)																																						
S14	(MH "Quantitative Studies")																																						
S13	(MH "Placebos")																																						
S12	placebo*																																						
S11	(random* allocat*)																																						
S10	(MH "Random Assignment")																																						
S9	(Randomi?ed control* trial*)																																						
S8	(singl* blind*) or (doubl* blind*) or (tripl* blind*) or (trebl* blind*) or (trebl* mask*) or (tripl* mask*) or (doubl* mask*) or (singl* mask*)																																						
S7	S3 AND S6																																						
S6	S4 OR S5																																						
S5	(dyspnoea* or breathless* or (short* N2 breath*))																																						
S4	(MH "Dyspnea+")																																						
S3	S1 OR S2																																						
S2	(papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine)																																						
S1	(MH "Analgesics, Opioid+")																																						



Opdatering af primær litteratursøgning: PICO 1

Dato	Database	Søgestreng	Afgrænsning
20.11.2018	Pubmed	Search ((((((papaveretum OR morphine OR fentanyl OR hydromorphone OR oxycodone OR pentazocine OR methadone OR opioid* OR opiate* OR codeine OR dextromoramide OR OTFC OR diamorphine OR dihydrocodeine OR dextropropoxyphene OR meptazinol OR sufentanil OR alfentanil OR remifentanil OR nalbuphine OR meptazinol OR dipipanone OR pethidine OR tramadol OR buprenorphine))) OR "Analgesics, Opioid"[Mesh])) AND (("Dyspnea"[Mesh]) OR (((dyspnea) OR dyspnoea*) OR breathless*) OR "shortness of breath")) AND ((((((randomized controlled trial) OR controlled clinical trial) OR randomized) OR placebo) OR drug therapy[Title/Abstract]) OR randomly) OR trial))	Publiceret fra 01.01.2018 til 20.11.2018
20.11.2018	EMBASE	1 (Papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine).af. (346430) 2 opiate/ (72855) 3 1 or 2 (346430) 4 dyspnea.mp. or dyspnea/ (159592) 5 dyspnoea*.af. (14656) 6 breathless*.af. (7680) 7 (short* adj2 breath).af. (15825) 8 4 or 5 or 6 or 7 (168295) 9 (random\$ or factorial\$ or crossover\$ or cross over\$ or cross-over\$ or placebo\$ or double\$ blind\$ or single\$ blind\$ or assign\$ or allocat\$ or volunteer\$ or double-blind procedure or trial).af. (3223239) 10 crossover procedure/ (57301) 11 randomized controlled trial/ (523341) 12 single blind procedure/ (33074) 13 9 or 10 or 11 or 12 (3223239) 14 3 and 8 and 13 (1155)	Publiceret fra 01.01.2018 til 20.11.2018
20.11.2018	Cochrane Library	#1 MeSH descriptor: [Analgesics, Opioid] explode all trees 6616 #2 Papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine 42399 #3 #1 or #2 42399 #4 MeSH descriptor: [Dyspnea] explode all trees 1094 #5 dyspnea 8419 #6 dyspnoea* 1920 #7 breathless* 1318 #8 (short* near/2 breath*) 1008 #9 #4 or #5 or #6 or #7 or #8 9564 #10 #3 and #9 406	Publiceret fra 01.01.2018 til 20.11.2018



21.11.2018	Cinahl	#	Query	Publiceret fra 01.01.2018 til 21.11.2018
		S7	S3 AND S6	
		S6	S4 OR S5	
		S5	dyspnoea* or breathless* or (short* N2 breath*)	
		S4	(MH "Dyspnea+")	
		S3	S1 OR S2	
		S2	papaveretum or morphine or fentanyl or hydromorphone or oxycodone or pentazocine or methadone or opioid* or opiate* or codeine or dextromoramide or OTFC or diamorphine or dihydrocodeine or dextropropoxyphene or meptazinol or sufentanil or alfentanil or remifentanil or nalbuphine or meptazinol or dipipanone or pethidine or tramadol or buprenorphine	
		S1	(MH "Analgesics, Opioid+")	