

Søgeprotokol for Nationale Kliniske Retningslinjer

Projektitel / aspekt	NKR for Dysfagi - Søgning på primær litteratur
Kontakt fagkonsulent / projektleder	Tina Hansen / Betina Højgaard, KORA
Kontakt søgespecialist	Kirsten Birkefoss, SST
Senest opdateret	19/6-2015

Baggrund	<p>PICO 1: Bør systematisk opsporing med en struktureret protokol til identifikation af øvre dysfagi tilbydes voksne i risikopopulation?</p> <p>PICO 2: Bør en struktureret protokol for klinisk undersøgelse tilbydes voksne med symptomer på øvre dysfagi?</p> <p>PICO 3: Bør instrumentel undersøgelse bruges som et supplement til den kliniske undersøgelse til voksne med øvre dysfagi?</p> <p>PICO 4: Bør målrettet måltidsassistance anvendes til voksne med øvre dysfagi?</p> <p>PICO 5: Bør træning i spise- og drikkeaktivitet tilbydes voksne med dysfagi?</p> <p>PICO 6: Bør intensiveret mundhygiejne tilbydes voksne med øvre dysfagi?</p> <p>PICO 7: Bør sensomotorisk træning af tungen tilbydes voksne med øvre dysfagi?</p> <p>PICO 8: Bør systematisk tværfaglig intervention tilbydes patienter med trakealtube og øvre dysfagi med henblik på en hurtig og sikker seponering af trachealtube?</p>
Søgetermer	Se søgestrategierne under de enkelte PICOs
Inklusions- og eksklusionskriterier	<p>Sprog: Engelsk, dansk, norsk og svensk</p> <p>År: 2005 -2015</p> <p>Population: Voksne (18 år-) med øvre dysfagi</p> <p>Publikationstyper: Randomiserede studier (RCT)</p>

Informationskilder

Database	Interface / Webadresse	Dato for søgning
Medline	OVID	15.6.2015 – 16.6.2015
EMBASE	OVID	15.6.2015 – 16.6.2015
CINAHL	EBSCO	15.6.2015 – 16.6.2015
PEDRO	http://www.pedro.org.au/	15.6.2015 – 16.6.2015
OTSeeker	http://www.otseeker.com/	15.6.2015 – 16.6.2015
SpeechBite	http://speechbite.com/	15.6.2015 – 16.6.2015

Note:

- Guidelines fra firmaet Hayes er fra valgt for denne NKR
- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- Dubletter er så vidt muligt frasorteret ved hjælp af RefWorks. De fundne referencer overføres til fagkonsulenten i Covidence.
- Fuldtekster præsenteres i Covidence i pdf-format eller som link
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer
- Covidence = webbaseret referencehåndteringssystem og kvalitetsvurderingsværktøj
- MAGIC = online skabelonværktøj til guidelines

SØGESTRATEGI

Søgning på primære studier

PICO 1 : Bør systematisk opsporing med en struktureret protokol til identifikation af øvre dysfagi tilbydes voksne i risikopopulation?

PICO 2: Bør en struktureret protokol for klinisk undersøgelse tilbydes voksne med symptomer på øvre dysfagi?

Samsøgt

Medline

970 fund

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present**

Search Strategy:

#	Searches	Results
1	exp Brain diseases/ or exp Central Nervous System Diseases/ or exp Guillain-Barre Syndrome/ or exp "Head and Neck Neoplasms"/ or Critical illness/	1457492
2	((((brain or head or cerebral) adj2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder* or (critical* adj ill*) or critical illness*).ti,ab,kw.	270486
3	((((head or neck or oral* or nasopharynx* or oropharynx* or hypopharynx* or larynx*) not esophag*) adj3 (tumor* or tumour* or cancer* or neoplasm* or carcinoma* or oncology)).ti,ab,kw.	82682
4	(Sclerosis or Dementia or (Parkinson* adj disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* adj syndrome) or Polyneuropath* or ALS).mp.	374551
5	Pharyngeal diseases/ or Oropharynx/ or Pharynx disease/ or exp Mouth/ or Gagging/	250980
6	exp aged/ or exp geriatrics/ or (old age or aged).ti,kw.	2491737
7	1 or 2 or 3 or 4 or 5 or 6	4058670
8	exp Deglutition disorders/ or exp Eating/	102036
9	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharynx* or hypopharynx* or ((Ingestion or Eating or meal* or oral intake or food intake or feeding) adj5 (difficult* or problem*))).ti,ab,kw,sh.	71404
10	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6094
11	(aspiration adj5 (silent or penetration or pneumonia* or respirator*)).ti,ab,kw.	4480
12	exp Respiratory tract aspiration procedure/	0
13	Nutritional Status/ or exp Malnutrition/ or Nutrition Disorders/di or Nutrition assessment/	125598
14	(malnutrition or weight loss or (nutrition* adj2 (compromis* or state or status))).ti,ab,kw.	107169
15	8 or 9 or 10 or 11 or 12 or 13 or 14	361914
16	15 not (anorexia nervosa or bulimia).mp.	358977
17	7 and 16	100917

18 (((screening or evaluat* or estimat* or diagn* or assess* or symptom* or identif* or examinat*) adj6 (tool* or test* or instrument* or inventor*)) or clinical observation or protocol* or pathway*).mp.	1696432
19 (questionnaire* or interview* or (inquiry adj3 form*) or self-report* or (patient adj1 report*)).ti,ab,kw.	601387
20 (desaturation or oximetry or manometry or auscultation).mp.	52821
21 ((swallow* adj2 examination) or Eating Assessment Tool or EAT-10 or Self-report Symptom Inventory or Sydney Swallow Questionnaire or SSQ or Dysphagia Short Questionnaire or Swallowing Outcome After Laryngectomy or (Swal* adj Qol symptom scale) or dysphagia symptom scale).mp.	567
22 exp Questionnaires/	332032
23 (Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation or oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or clinical observation or clinical bedside swallow examination or clinical bedside swallow evaluation or functional examination or performance measure* or Clinical Swallow Evaluation or CSE or Cranial Nerve Examination or ((Oral Intake or observation*) adj10 meal*4)).mp.	18293
24 18 or 19 or 20 or 21 or 22 or 23	2404944
25 17 and 24	18616
26 limit 25 to "systematic reviews"	357
27 limit 25 to randomized controlled trial	1395
28 (((random* or placebo or crossover or cross-over or double-blind* or blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt. and (2013* or 2014* or 2015*).ed.	65519
29 25 and 28	294
30 27 or 29	1481
31 30 not 26	1441
32 limit 31 to yr=2004-current	1001
33 limit 32 to (danish or english or german or norwegian or swedish)	970

Embase

1226 fund

Database(s): **Embase** 1974 to 2015 June 12

Search Strategy:

#	Searches	Results
1	exp Brain diseases/ or exp Central Nervous System Diseases/ or exp Guillain-Barre Syndrome/ or exp "Head and Neck Neoplasms"/ or Critical illness/	2148709
2	(((brain or head or cerebral) adj2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder* or (critical* adj ill*) or critical illness*).ti,ab,kw.	392769
3	(((head or neck or oral* or nasopharynx* or oropharynx* or hypopharynx* or larynx*) not esophag*) adj3 (tumor* or tumour* or cancer* or neoplasm* or carcinoma* or oncology)).ti,ab,kw.	103814
4	(Sclerosis or Dementia or (Parkinson* adj disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* adj syndrome) or Polyneuropath* or ALS).mp.	546592
5	Pharyngeal diseases/ or Oropharynx/ or Pharynx disease/ or exp Mouth/ or Gagging/	246491
6	exp aged/ or exp geriatrics/ or (old age or aged).ti,kw.	2346495
7	1 or 2 or 3 or 4 or 5 or 6	4635494
8	exp Deglutition disorders/ or exp Eating/	69905

9 (Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((Ingestion or Eating or meal* or oral intake or food intake or feeding) adj5 (difficult* or problem*))).ti,ab,kw,sh.	112341
10 exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10881
11 (aspiration adj5 (silent or penetration or pneumonia* or respirator*)).ti,ab,kw.	6809
12 exp Respiratory tract aspiration procedure/	5493
13 Nutritional Status/ or exp Malnutrition/ or Nutrition Disorders/di or Nutrition assessment/	167348
14 (malnutrition or weight loss or (nutrition* adj2 (compromis* or state or status))).ti,ab,kw.	150107
15 (drool* or leak* or ((pool* adj3 (saliver or food or liquid* or drink*)) or slobber* or (cough adj5 (eat* or drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal adj2 penetration) or regurgitation)).mp.	185411
16 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15	585717
17 16 not (anorexia nervosa or bulimia).mp.	581754
18 7 and 17	172386
19 (((screening or evaluat* or estimat* or diagn* or assess* or symptom* or identif* or examinat*) adj6 (tool* or test* or instrument* or inventor*)) or clinical observation or protocol* or pathway*).mp.	2119034
20 (questionnaire* or interview* or (inquiry adj3 form*) or self-report* or (patient adj1 report*)).ti,ab,kw.	786742
21 (desaturation or oximetry or manometry or auscultation).mp.	68314
22 ((swallow* adj2 examination) or Eating Assessment Tool or EAT-10 or Self-report Symptom Inventory or Sydney Swallow Questionnaire or SSQ or Dysphagia Short Questionnaire or Swallowing Outcome After Laryngectomy or (Swal* adj Qol symptom scale) or dysphagia symptom scale).ti,ab,kw,sh.	1281
23 exp Questionnaires/	449158
24 (Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation or oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or clinical observation or clinical bedside swallow examination or clinical bedside swallow evaluation or functional examination or performance measure* or Clinical Swallow Evaluation or CSE or Cranial Nerve Examination or ((Oral Intake or observation*) adj10 meal*4)).mp.	45286
25 19 or 20 or 21 or 22 or 23 or 24	2967356
26 18 and 25	28548
27 limit 26 to systematic review	223
28 limit 26 to randomized controlled trial	1298
29 (((random* or placebo or crossover or cross-over or double-blind* or blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt. and (2013* or 2014* or 2015*).em.	131172
30 26 and 29	552
31 28 or 30	1566
32 31 not 27	1541
33 limit 32 to yr=2004-current	1263
34 limit 33 to (danish or english or german or norwegian or swedish)	1226

Cinahl

189 fund

#	Query	Limiters/Expanders	Results
S31	S14 AND S22 AND S30	Limiters - Randomized Controlled Trial; Language: Danish, English, German, Norwegian, Swedish	189
S30	S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29		616,079
S29	Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation or oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facial-oral tract therapy or facio-oral tract therapy or FOTT or "F.O.T.T." or clinical observation or clinical bedside swallow examination or clinical bedside swallow evaluation or functional examination or performance measure* or Clinical Swallow Evaluation or CSE or Cranial Nerve Examination or ((Oral Intake or observation*) N10 meal*))		4,594
S28	((3oz or 3-oz) W0 Water Swallow Test) or WST or water swallow test or Any 2 or Any two or Bedside Swallowing Assessment or Standardized Swallowing Assessment or Volume-viscosity Swallow test or V-VST or VVST or Gugging Swallowing Screen or GUSS or ((Berlin or Bolus) W0 Swallow Test) or BST or Yale swallow protocol or (Mann Assessment N1 Swallowing Ability) or MASA or (Modified Mann Assessment N1 Swallowing Ability) or MMASA or Acute Stroke Dysphagia Screen* or Barnes Jewish Hospital Stroke or Emergency Physician Dysphagia Screen* or blue dye test or Modified Evans Blue Dye Test or northwestern dysphagia check screen or simple swallow provocation test or Respiratory tract aspiration procedure)		350
S27	(MH "Data Collection+")		322,635
S26	((swallow* N2 examination) or Eating Assessment Tool or EAT-10 or Self-report Symptom Inventory or Sydney Swallow Questionnaire or SSQ or Dysphagia Short Questionnaire or Swallowing Outcome After Laryngectomy or (Swal* W0 Qol symptom scale) or dysphagia symptom scale)		152
S25	desaturation or oximetry or manometry or auscultation		6,033
S24	(questionnaire* or interview* or (inquiry N3 form*) or self-report* or (patient N1 report*))		350,127
S23	((screening or evaluat* or estimat* or diagn* or		196,785

	assess* or symptom* or identif* or examinat*) N6 (tool* or test* or instrument* or inventor*) or clinical observation* or protocol* or pathway*)		
S22	s21 not (anorexia nervosa or bulimia)		41,116
S21	S15 OR S16 OR S17 OR S18 OR S19 OR S20		41,362
S20	drool* or leak* or ((pool* N3 (saliver or food or liquid* or drink*)) or slobber* or (cough N5 (eat* or drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal N2 penetration) or regurgitation))		6,645
S19	(MH "Nutritional Status") OR (MH "Nutritional Status: Nutrient Intake (Iowa NOC)") OR (MH "Nutritional Status: Food & Fluid Intake (Iowa NOC)") OR (MH "Nutritional Status: Body Mass (Iowa NOC)") OR (MH "Nutritional Assessment") OR (MH "Malnutrition")		15,051
S18	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,357
S17	(MH "Pneumonia+")		10,292
S16	Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharynx* or ((Ingestion or Eating or meal* or feeding) N5 (difficult* or problem*))		10,389
S15	(MH "Deglutition Disorders")		3,733
S14	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13		535,363
S13	(MH "Geriatrics")		2,664
S12	(MH "Aged+")		357,850
S11	(MH "Nursing Home Patients")		9,082
S10	(MH "Intubation+")		8,511
S9	(MH "Gagging")		85
S8	(MH "Mouth Diseases+")		24,823
S7	(MH "Oropharynx+")		692
S6	(MH "Pharyngeal Diseases+")		4,031
S5	(Sclerosis or Dementia or (Parkinson* W0 disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* W0 syndrome) or Polyneuropath* or ALS)		55,732
S4	((((brain or head or cerebral) N2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular		71,284

	disorder)		
S3	(MH "Guillain-Barre Syndrome+") OR (MH "Head and Neck Neoplasms+")		18,031
S2	(MH "Central Nervous System Diseases+")		158,339
S1	(MH "Central Nervous System Diseases+")		158,339

PICO 3: Bør instrumentel undersøgelse bruges som et supplement til den kliniske undersøgelse til voksne med øvre dysfagi?

Medline

1270 fund

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present
Search Strategy:

#	Searches	Results
1	exp Brain diseases/ or exp Central Nervous System Diseases/ or exp Guillain-Barre Syndrome/ or exp "Head and Neck Neoplasms"/ or Critical illness/ or exp Critical Care/	1490168
2	((((brain or head or cerebral) adj2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder* or critically ill* or critical illness* or critical care).ti,ab,kw. and (2013* or 2014* or 2015*).ed.	46910
3	((((head or neck or oral* or nasopharynx* or oropharynx* or hypopharynx* or larynx*) not esophag*) adj3 (tumor* or tumour* or cancer* or neoplasm* or carcinoma* or oncology)).ti,ab,kw. and (2013* or 2014* or 2015*).ed.	11032
4	(Sclerosis or Dementia or (Parkinson* adj disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* adj syndrome) or Polyneuropath* or ALS).mp. and (2013* or 2014* or 2015*).ed.	45847
5	Pharyngeal diseases/ or Oropharynx/ or Pharynx disease/ or exp Mouth/ or Gagging/	250337
6	exp airway extubation/ or exp Intubation, Intratracheal/ or exp Ventilator weaning/	35405
7	(extubation or intubation or decannulation).mp. and (2013* or 2014* or 2015*).ed.	6301
8	exp aged/ or exp geriatrics/	2457023
9	(aged or old age or elderly).mp. and (2013* or 2014* or 2015*).ed.	471357
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	4031665
11	exp Deglutition disorders/ or exp Eating/	101754
12	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharynx* or hypopharynx* or ((Ingestion or Eating or meal* or food intake or feeding) adj5 (difficult* or problem*))).ti,ab,kw,sh,kf.	71102
13	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/ or Pneumonia/	43699
14	(aspiration adj5 (silent or penetration or pneumonia* or respirator*)).ti,ab,kw.	4457
15	exp Respiratory tract aspiration procedure/	0
16	Nutritional Status/ or exp Malnutrition/ or Nutrition Disorders/di or Nutrition assessment/	125101
17	(malnutrition or weight loss or (nutrition* adj2 (compromis* or state or status))).ti,ab,kw.	106647
18	(drool* or leak* or ((pool* adj3 (saliver or food or liquid* or drink*)) or slobber* or (cough adj5 (eat* or drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal adj2 penetration) or regurgitation)).mp.	113183
19	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18	503883
20	19 not (anorexia nervosa or bulimia).mp.	500945
21	10 and 20	145735
22	(screen* or evaluat* or estimat* or diagn* or assess* or symptom* or identif* or examinat* or clinical observation or protocol* or pathway*).mp.	8848089
23	21 and 22	90551
24	(tool* or test* or instrument* or inventor*).mp.	3571989
25	(desaturation or oximetry or manometry or auscultation).mp.	52632
26	((swallow* adj2 examination) or Eating Assessment Tool or EAT-10 or Self-report Symptom Inventory or	561

Sydney Swallow Questionnaire or SSQ or Dysphagia Short Questionnaire or Swallowing Outcome After Laryngectomy or (Swal* adj Qol symptom scale) or dysphagia symptom scale).mp.

27 (((3oz or 3-oz) adj Water Swallow Test) or WST or water swallow test or Any 2 or Any two or Bedside Swallowing Assessment or Standardized Swallowing Assessment or Volume-viscosity Swallow test or V-VST or VVST or Gugging Swallowing Screen or GUSS or ((Berlin or Bolus) adj Swallow Test) or BST or Yale swallow protocol or (Mann Assessment adj1 Swallowing Ability) or MASA or (Modified Mann Assessment adj1 Swallowing Ability) or MMASA or Acute Stroke Dysphagia Screen* or Barnes Jewish Hospital Stroke or Emergency Physician Dysphagia Screen* or blue dye test or Modified Evans Blue Dye Test or northwestern dysphagia check screen or simple swallow provocation test or Respiratory tract aspiration procedure).mp.	7790
28 (Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or clinical observation or clinical bedside swallow examination or clinical bedside swallow evaluation or functional examination or performance measure* or Clinical Swallow Evaluation or CSE or Cranial Nerve Examination or ((Oral Intake or observation*) adj10 meal*4)).mp.	18161
29 24 or 25 or 26 or 27 or 28	3631395
30 23 and 29	22173
31 limit 30 to "systematic reviews"	402
32 limit 30 to randomized controlled trial	1757
33 (((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt. and (2013* or 2014* or 2015*).ed.	88118
34 30 and 33	491
35 32 or 34	1953
36 limit 35 to ((danish or english or german or norwegian or swedish) and yr=2005-current)	1309
37 36 not 31	1270
38 (neonatal* or neo-natal* or infant* or alcohol*).mp.	1446579
39 37 not 38	1225
40 from 37 keep 1-1270	1270

Embase

1432 fund

Database(s): Embase 1974 to 2015 July 20

Search Strategy:

#	Searches	Results
1	exp Brain diseases/ or exp Central Nervous System Diseases/ or exp Guillain-Barre Syndrome/ or exp "Head and Neck Neoplasms"/ or Critical illness/ or exp Critical Care/	2597620
2	(((brain or head or cerebral) adj2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder* or critically ill* or critical illness* or critical care).ti,ab,kw. and (2013* or 2014* or 2015*).em.	114082
3	(((head or neck or oral* or nasopharyn* or oropharyn* or hypopharyn* or laryn*) not esophag*) adj3 (tumor* or tumour* or cancer* or neoplasm* or carcinoma* or oncology)).ti,ab,kw. and (2013* or 2014* or 2015*).em.	23465
4	(Sclerosis or Dementia or (Parkinson* adj disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* adj syndrome) or Polyneuropath* or ALS).mp. and (2013* or 2014* or 2015*).em.	119312

5	Pharyngeal diseases/ or Oropharynx/ or Pharynx disease/ or exp Mouth/ or Gagging/	247843
6	exp airway extubation/ or exp Intubation, Intratracheal/ or exp Ventilator weaning/	169738
7	(extubation or intubation or decannulation).mp. and (2013* or 2014* or 2015*).em.	19045
8	exp aged/ or exp geriatrics/	2332123
9	(aged or old age or elderly).mp. and (2013* or 2014* or 2015*).em.	612493
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	5001351
11	exp Deglutition disorders/ or exp Eating/	70648
12	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((Ingestion or Eating or meal* or food intake or feeding) adj5 (difficult* or problem*))).ti,ab,kw,sh,kf.	113299
13	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/ or Pneumonia/	128231
14	(aspiration adj5 (silent or penetration or pneumonia* or respirator*)).ti,ab,kw. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	6877
15	exp Respiratory tract aspiration procedure/	5579
16	Nutritional Status/ or exp Malnutrition/ or Nutrition Disorders/di or Nutrition assessment/	168807
17	(malnutrition or weight loss or (nutrition* adj2 (compromis* or state or status))).ti,ab,kw.	151830
18	(drool* or leak* or ((pool* adj3 (saliver or food or liquid* or drink*)) or slobber* or (cough adj5 (eat* or drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal adj2 penetration) or regurgitation)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	187134
19	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18	699404
20	19 not (anorexia nervosa or bulimia).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	695378
21	10 and 20	239214
22	(screen* or evaluat* or estimat* or diagn* or assess* or symptom* or identif* or examinat* or clinical observation or protocol* or pathway*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	12040707
23	21 and 22	164354
24	(tool* or test* or instrument* or inventor*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	4567144
25	(desaturation or oximetry or manometry or auscultation).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	68900
26	((swallow* adj2 examination) or Eating Assessment Tool or EAT-10 or Self-report Symptom Inventory or Sydney Swallow Questionnaire or SSQ or Dysphagia Short Questionnaire or Swallowing Outcome After Laryngectomy or (Swal* adj Qol symptom scale) or dysphagia symptom scale).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	921
27	((3oz or 3-oz) adj Water Swallow Test) or WST or water swallow test or Any 2 or Any two or Bedside Swallowing Assessment or Standardized Swallowing Assessment or Volume-viscosity Swallow test or V-VST or VVST or Gugging Swallowing Screen or GUSS or ((Berlin or Bolus) adj Swallow Test) or BST or Yale swallow protocol or (Mann Assessment adj1 Swallowing Ability) or MASA or (Modified Mann Assessment adj1 Swallowing Ability) or MMASA or Acute Stroke Dysphagia Screen* or Barnes Jewish Hospital Stroke or Emergency Physician Dysphagia Screen* or blue dye test or Modified Evans Blue Dye Test or northwestern dysphagia check screen or simple swallow provocation test or Respiratory tract aspiration procedure).mp.	10477
28	(Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or	45636

clinical observation or clinical bedside swallow examination or clinical bedside swallow evaluation or functional examination or performance measure* or Clinical Swallow Evaluation or CSE or Cranial Nerve Examination or ((Oral Intake or observation*) adj10 meal*4)).mp.

29	24 or 25 or 26 or 27 or 28	4657315
30	23 and 29	41246
31	limit 30 to systematic reviews [Limit not valid in Embase; records were retained]	41246
32	limit 30 to randomized controlled trial	1941
33	limit 32 to ((danish or english or german or norwegian or swedish) and yr="2005 -Current")	1432

Cinahl

510 fund

#	Query	Limiters/Expanders	Results
S36	S32 OR S35		510
S35	S33 AND S34		499
S34	s31	Limiters - Published Date: 20050101-20151231; Language: Danish, English, German, Norwegian, Swedish	3,820
S33	(((random* or control* or placebo or crossover or cross-over or double-blind*) N3 (trial* or studies or study)) or rct)	Limiters - Published Date: 20050101-20151231; Language: Danish, English, German, Norwegian, Swedish	99,707
S32	S14 AND S22 AND S30	Limiters - Published Date: 20050101-20151231; Randomized Controlled Trial; Language: Danish, English, German, Norwegian, Swedish	180
S31	S14 AND S22 AND S30		5,836
S30	S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29		614,384
S29	Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation or oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facial-oral tract therapy or facio-oral tract therapy or FOTT or "F.O.T.T." or clinical observation or clinical bedside swallow examination or clinical bedside swallow evaluation or functional examination or performance measure* or Clinical Swallow Evaluation or CSE or Cranial Nerve Examination or ((Oral Intake or observation*) N10 meal*)		4,575
S28	((3oz or 3-oz) W0 Water Swallow Test) or WST or water swallow test or Any 2 or Any two or Bedside Swallowing Assessment or		868

	Standardized Swallowing Assessment or Volume-viscosity Swallow test or V-VST or VVST or videofluor* or video-fluor* or Gugging Swallowing Screen or GUSS or ((Berlin or Bolus) W0 Swallow Test) or BST or Yale swallow protocol or (Mann Assessment N1 Swallowing Ability) or MASA or (Modified Mann Assessment N1 Swallowing Ability) or MMASA or Acute Stroke Dysphagia Screen* or Barnes Jewish Hospital Stroke or Emergency Physician Dysphagia Screen* or blue dye test or Modified Evans Blue Dye Test or northwestern dysphagia check screen or simple swallow provocation test or Respiratory tract aspiration procedure)		
S27	(MH "Data Collection+")		321,791
S26	((swallow* N2 examination) or Eating Assessment Tool or EAT-10 or Self-report Symptom Inventory or Sydney Swallow Questionnaire or SSQ or Dysphagia Short Questionnaire or Swallowing Outcome After Laryngectomy or (Swal* W0 Qol symptom scale) or dysphagia symptom scale)		150
S25	desaturation or oximetry or manometry or auscultation		6,016
S24	(questionnaire* or interview* or (inquiry N3 form*) or self-report* or (patient N1 report*))		349,061
S23	((screening or evaluat* or estimat* or diagn* or assess* or symptom* or identif* or examinat*) N6 (tool* or test* or instrument* or inventor*)) or clinical observation* or protocol* or pathway*)		196,091
S22	s21 not (anorexia nervosa or bulimia)		40,986
S21	S15 OR S16 OR S17 OR S18 OR S19 OR S20		41,232
S20	drool* or leak* or ((pool* N3 (saliver or food or liquid* or drink*)) or slobber* or (cough N5 (eat* or drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal N2 penetration) or regurgitation))		6,619
S19	(MH "Nutritional Status") OR (MH "Nutritional Status: Nutrient Intake (Iowa NOC)") OR (MH "Nutritional Status: Food & Fluid Intake (Iowa NOC)") OR (MH "Nutritional Status: Body Mass (Iowa NOC)") OR (MH "Nutritional Assessment") OR (MH "Malnutrition")		15,011
S18	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,353
S17	(MH "Pneumonia+")		10,267
S16	Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or ((Ingestion or Eating or meal* or feeding) N5 (difficult* or problem*))		10,349
S15	(MH "Deglutition Disorders")		3,724
S14	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13		533,928
S13	(MH "Geriatrics")		2,649
S12	(MH "Aged+")		357,007

S11	(MH "Nursing Home Patients")	9,059
S10	(MH "Intubation+")	8,501
S9	(MH "Gagging")	85
S8	(MH "Mouth Diseases+")	24,745
S7	(MH "Oropharynx+")	689
S6	(MH "Pharyngeal Diseases+")	4,016
S5	(Sclerosis or Dementia or (Parkinson* W0 disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* W0 syndrome) or Polyneuropath* or ALS)	55,553
S4	((brain or head or cerebral) N2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder)	71,015
S3	(MH "Guillain-Barre Syndrome+") OR (MH "Head and Neck Neoplasms+")	17,965
S2	(MH "Central Nervous System Diseases+")	157,995
S1	(MH "Central Nervous System Diseases+")	157,995

PICO 4: Bør målrettet måltidsassistance anvendes til voksne med øvre dysfagi?

Medline

476 fund

Database(s): **Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present
Search Strategy:

#	Searches	Results
1	exp Deglutition Disorders/	42626
2	limit 1 to (controlled clinical trial or randomized controlled trial)	1864
3	exp Deglutition disorders/	42626
4	(Dysphagi* or Deglutiti* or swallow* or Aphagia or odynophagi* or oropharynx* or hypopharynx*).ti,ab,kw,kf,sh,hw.	54648
5	((eat* or masticat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	17643
6	3 or 4 or 5	94927
7	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6094
8	aspiration.ti,ab,kw,kf,sh,hw.	65149
9	6 or 7 or 8	155596
10	exp meals/ or exp Eating/ or exp "Activities of Daily Living"/ ((mealtime* or meal time* or meal-time* or meal*1 or eat* or selffeed* or self-feed* or feed* or food* or drink* or liquid* or solid* or texture or chew* or masticat* or diet* or nutrition*2 or intake) adj10	114759
11	(support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or appliance* or device* or equipment or "activities of daily living" or adl or means or technique* or adapt* or modif* or coping strateg* or comply or complies or compliance or adher* or manuev* or position* or reposition* or	455134

carriage or posture or improv* or increas* or augment* or skill* or knowledge or lesson* or instruct* or train* or interven* or show*4 or stimul* or recommend* or protocol* or guide*)).ti,ab,kw,sh.	
12 10 or 11	543397
13 9 and 12	12671
14 (((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	538791
15 13 and 14	982
16 limit 13 to (randomized controlled trial or controlled clinical trial)	847
17 15 or 16	1397
18 limit 17 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	817
19 18 not (exp binge-eating disorder/ or exp anorexia nervosa/ or exp bulimia nervosa/)	803
20 19 not (neonatal or neo-natal or antenatal or ante-natal or postnatal or post-natal or infant*).mp.	713
21 20 not (alcohol or drinker*).mp.	476

Embase

515 fund

Database(s): **Embase** 1974 to 2015 June 16

Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	46176
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	84602
3	((swallow* or eat* or masticat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	24221
4	1 or 2 or 3	106422
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10884
6	aspiration.ti,ab,kw,kf,sh,hw.	122919
7	4 or 5 or 6	221930
8	exp meal/ or exp Eating/ or exp food intake/	247864
9	((mealtime* or meal time* or meal-time* or meal*1 or eat* or selffeed* or self-feed* or feed* or food* or drink* or liquid* or solid* or texture or chew* or masticat* or diet* or nutrition*2 or intake) adj10 (support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or appliance* or device* or equipment or "activities of daily living" or adl or means or technique* or adapt* or modif* or coping strateg* or comply or complies or compliance or adher* or manouv* or position* or reposition* or carriage or posture or improv* or increas* or augment* or skill* or knowledge or lesson* or instruct* or train* or interven* or show*4 or stimul* or recommend* or protocol* or guide*)).ti,ab,kw,sh.	604001
10	8 or 9	767882
11	7 and 10	20964
12	(((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt. and (2013* or 2014* or 2015*).em.	178309
13	11 and 12	464
14	limit 11 to (randomized controlled trial or controlled trial) [Limit not valid in Embase; records were retained]	727
15	13 or 14	1029
16	limit 15 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	802

17	16 not (exp binge-eating disorder/ or exp anorexia nervosa/ or exp bulimia nervosa/)	785
18	17 not (neonatal or neo-natal or antenatal or ante-natal or postnatal or post-natal or infant*).mp.	720
19	18 not (alcohol or drinker*).mp.	515

Cinahl

164 fund

#	Query	Limiters/Expanders	Results
S16	s15 not (neonatal or neo-natal or antenatal or ante-natal or postnatal or post-natal or infant* or alcohol or drinker*)	Limiters - Published Date: 20050101- 20151231	164
S15	S12 OR S14	Limiters - Published Date: 20050101- 20151231	248
S14	S11 AND S13		358
S13	((random* or control* or placebo or crossover or cross-over or double-blind*) N3 (trial* or studies or study or analy*)) or rct)		140,695
S12	S6 AND S10	Limiters - Randomized Controlled Trial; Publication Type: Randomized Controlled Trial	70
S11	S6 AND S10		3,285
S10	S7 OR S8 OR S9		70,895
S9	((mealtime* or meal time* or meal-time* or meal* or eat* or selffeed* or self-feed* or feed* or food* or drink* or liquid* or solid* or texture or chew* or masticat* or diet* or nutrition* or intake) N10 (support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or appliance* or device* or equipment or "activities of daily living" or adl or means or technique* or adapt* or modif* or coping strateg* or comply or complies or compliance or adher* or maneuv* or position or reposition or carriage or posture or improv* or increas* or augment* or skill* or knowledge or lesson* or instruct* or train* or interven* or show* or stimul* or recommend* or protocol* or guide*))		57,265
S8	(MH "Food Habits") OR (MH "Eating Behavior+") OR (MH "Eating")		16,429

S7	(MH "Meals+") OR (MH "Food Assistance")		2,769
S6	S1 OR S2 OR S3 OR S4 OR S5		17,336
S5	(MH "Pneumonia, Aspiration")		795
S4	aspiration		5,630
S3	(MH "Risk for Aspiration (NANDA)")		7
S2	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) N5 (problem* or difficult* or disturbance*)))		12,819
S1	(MH "Deglutition Disorders")		3,733

PICO 5: Bør træning i spise- og drikkeaktivitet tilbydes voksne med dysfagi?

Medline

969 fund

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present
Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	42626
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,kf,sh,hw.	65949
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	14264
4	1 or 2 or 3	103381
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6094
6	aspiration.ti,ab,kw,kf. and (2013* or 2014* or 2015*).ed.	7336
7	4 or 5 or 6	114259
8	exp meals/ or exp Eating/ or exp "Activities of Daily Living"/	114759
9	(mealtime* or meal time* or meal-time* or meal*1 or eat* or selffeed* or self-feed* or feed* or food* or drink* or swallow* or liquid* or solids or texture* or chew* or masticat* or diet* or nutrition*2 or intake or "Activities of Daily Living" or adl).mp.	1936236
10	exp exercise/ or exp exercise therapy/	150728
11	(exercis* or train* or stimulat* or strength* or support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or activat* or activit* or appliance* or device* or equipment or means or technique* or adapt* or modif* or chang* or coping strateg* or manev* or position* or reposition* or carriage or posture or improv* or increas* or augment* or skill* or knowledge or lesson* or instruct* or interven* or show*4 or recommend* or protocol* or guide* or therap* or ("speech and language" adj2 patholog*).mp.	15953490
12	(8 or 9) and (10 or 11)	1569621
13	7 and 12	36861

14 (((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt. and (2013* or 2014* or 2015*).ed.	90237
15 13 and 14	474
16 limit 13 to (randomized controlled trial or controlled clinical trial)	2203
17 15 or 16	2455
18 limit 17 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	1378
19 18 not (exp binge-eating disorder/ or exp anorexia nervosa/ or exp bulimia nervosa/)	1366
20 19 not (neonatal or neo-natal or antenatal or ante-natal or postnatal or post-natal or infant*).mp.	1239
21 20 not (alcohol or drinker*).mp.	969

Embase

Database(s): Embase 1974 to 2015 July 28

Search Strategy:

# Searches	Results
1 exp Dysphagia/	46674
2 (Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,kf,sh,hw.	106028
3 ((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*).ti,ab,kw,kf.	19155
4 1 or 2 or 3	124868
5 exp Aspiration Pneumonia/ or exp Respiratory Aspiration/ or exp acid aspiration/	10988
6 ((pneumonia or respiratory or silent) adj5 aspiration).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	13516
7 4 or 5 or 6	135760
8 exp meal/ or exp Eating/ or exp food intake/ or exp "Activities of Daily Living"/	310654
9 ((mealtime* or meal time* or meal-time* or meal*1 or eat* or selffeed* or self-feed* or feed* or food* or drink* or swallow* or liquid* or solids or texture* or chew* or masticat* or diet* or nutrition*2 or intake or "Activities of Daily Living" or adl) adj10 (exercis* or train* or stimulat* or strength* or support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or activat* or activit* or appliance* or device* or equipment or means or technique* or adapt* or modif* or chang* or coping strateg* or maneuv* or position* or reposition* or carriage or posture or improv* or increas* or augment* or skill* or knowledge or lesson* or instruct* or interven* or show*4 or recommend* or protocol* or guide* or therap* or ("speech and language" adj2 patholog*))).mp.	770642
10 exp Exercise/ or exp Exercise therapy/	267216
11 8 and 10	11367
12 9 or 11	774778
13 7 and 12	26590
14 limit 13 to randomized controlled trial	863
15 limit 14 to ((danish or english or german or norwegian or swedish) and yr="2005 -Current")	587
16 15 not (exp binge-eating disorder/ or exp anorexia nervosa/ or exp bulimia nervosa/)	578
17 16 not (neonatal or neo-natal or antenatal or ante-natal or postnatal or post-natal or infant*).mp.	540
18 17 not (alcohol or drinker*).mp.	393

Cinahl

382 fund

#	Query	Limiters/Expanders	Results
S21	S20 not (alcohol* or drinker*)	Limiters - Published Date: 20050101- 20151231	382
S20	S19 not (neonatal or neo-natal or antenatal or ante-natal or postnatal or post-natal or infant*)	Limiters - Published Date: 20050101- 20151231	455
S19	S18 not (binge-eating disorder anorexia nervosa or bulimia)	Limiters - Published Date: 20050101- 20151231	501
S18	S15 OR S16	Limiters - Published Date: 20050101- 20151231	508
S17	S15 OR S16		698
S16	s13	Limiters - Randomized Controlled Trial	146
S15	s13 and s14		691
S14	((random* or control* or placebo or crossover or cross-over or double-blind*) N3 (trial* or studies or study)) or rct)		136,082
S13	S6 AND S12		7,462
S12	(S7 or S8 or S9) AND (S10 or S11)		192,661
S11	(MH "exercise therapy+") OR (MH "Exercise+")		54,445
S10	(exercis* or train* or stimulat* or strength* or support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or activat* or activit* or appliance* or device* or equipment or means or technique* or adapt* or modif* or chang* or coping strateg* or manouv* or position* or reposition* or carriage or posture or improv* or increas* or augment* or skill* or knowledge or lesson* or instruct* or interven* or recommend* or protocol* or guide* or therap* or ("speech and language" N2 patholog*)		1,770,752
S9	(mealtime* or meal time* or meal-time* or meal* or eat* or selffeed* or self-feed* or feed* or food* or drink* or swallow* or liquid* or solids or texture* or chew* or masticat* or diet* or nutrition* or intake or "Activities of Daily Living" or adl)		274,302
S8	(MH "Food Habits") OR (MH "Eating Behavior+") OR (MH "Eating") OR (MH "Food intake"+)		16,429
S7	(MH "Meals+") OR (MH "Food Assistance") OR (MH "Activities of Daily Living+")		34,321
S6	S1 OR S2 OR S3 OR S4 OR S5		17,336
S5	(MH "Pneumonia, Aspiration")		795
S4	aspiration		5,630

S3	(MH "Risk for Aspiration (NANDA)")	7
S2	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) N5 (problem* or difficult* or disturbance*)))	12,819
S1	(MH "Deglutition Disorders")	3,733

PICO 6: Bør intensiveret mundhygiejne tilbydes voksne med øvre dysfagi?

Medline

158 fund

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present
Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	42626
2	(Dysphagi* or Deglutiti* or swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	54648
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult*)).ti,ab,kw,kf.	15856
4	1 or 2 or 3	93275
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6094
6	aspiration.ti,ab,kw,kf.	62448
7	4 or 5 or 6	153408
8	exp Oral hygiene/ or mouthwash*.mp.	20382
9	((oral or dental or mucosal or mouth or tooth* or interdental or inter-dental) adj10 (care or hygien* or health* or prevent* or decontaminat* or chlorhexidine or anti-septic* or antiseptic* or wash* or brush* or clean* or floss*)).mp.	120221
10	8 or 9	124614
11	10 and prevent*.mp.	26777
12	10 or 11	124614
13	7 and 12	1959
14	((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	538791
15	13 and 14	237
16	limit 13 to randomized controlled trial	158
17	15 or 16	283
18	limit 17 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	158

Embase

234 fund

Database(s): Embase 1974 to 2015 June 16

Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	46198
2	(Dysphagi* or Deglutiti* or swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	84638
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult*)).ti,ab,kw,kf.	21864
4	1 or 2 or 3	104315
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10890
6	aspiration.ti,ab,kw,kf.	83730
7	4 or 5 or 6	187060
8	exp Mouth hygiene/ or mouthwash*.mp.	21682
9	((oral or dental or mucosal or mouth or tooth* or interdental or inter-dental) adj10 (care or hygien* or health* or prevent* or decontaminat* or chlorhexidine or anti-septic* or antiseptic* or wash* or brush* or clean* or floss*)).mp.	169966
10	8 or 9	171484
11	10 and prevent*.mp.	42342
12	10 or 11	171484
13	7 and 12	2746
14	((((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	705763
15	13 and 14	319
16	limit 13 to randomized controlled trial	175
17	15 or 16	357
18	limit 17 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	234

Cinahl

88 fund

#	Query	Limiters/Expanders	Results
S15	S12 OR S13	Limiters - Published Date: 20050101-20151231	88
S14	S12 OR S13		111
S13	S10	Limiters - Randomized Controlled Trial	22
S12	S10 AND S11		111
S11	((((random* or control* or placebo or crossover or cross-over or double-blind*) N3 (trial* or studies or study)) or rct)		136,082

S10	S6 AND S9		617
S9	S7 OR S8		30,149
S8	((oral or dental or mucosal or mouth or tooth* or interdental or interdental) N10 ((care or hygien* or health* or prevent* or decontaminat* or chlorhexidine or anti-septic* or antiseptic* or wash* or brush* or clean* or floss*) or prevent*))		29,713
S7	(MH "Oral hygiene") or mouthwash*		Display
S6	S1 OR S2 OR S3 OR S4 OR S5		17,336
S5	(MH "Pneumonia, Aspiration")		Display
S4	aspiration		5,630
S3	(MH "Risk for Aspiration (NANDA)")		Display
S2	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) N5 (problem* or difficult* or disturbance*)))		Display
S1	(MH "Deglutition Disorders")		Display

PICO 7: Bør sensomotorisk træning af tungen tilbydes voksne med øvre dysfagi?

Medline 2012-15

110 fund

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present
Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	42626
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	54648
3	((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult*).ti,ab,kw,kf.	15856
4	1 or 2 or 3	93275
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6094
6	aspiration.ti,ab,kw,kf.	62448
7	4 or 5 or 6	153408
8	exp Tongue/ or exp Tongue habits/	18429
9	((indirect or tongue* or tongue-pressure or oral or oris or swallow* or masako or masoko) adj10 (therap* or thermal* or strength* or exercis* or performance or stimul* or tactil* or taste* or move*1 or moving or movement* or motion or rom or maneuver* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*).mp.	67961
10	(masoko or masako or IOWA oral performance instrument or IOPI or facio-oral-tract therapy or facial-oral-tract therapy or facial oral tract therapy or "F.O.T.T." or FOTT or Castillo Morales Concept or tongue drive system or TDS or tongue protusion* or tongue-protusion*).mp.	2410
11	8 or 9 or 10	84000

12 7 and 11	5224
13 (((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	538791
14 12 and 13	286
15 limit 12 to randomized controlled trial	236
16 14 or 15	403
17 limit 16 to (yr="2012 -Current" and (danish or english or german or norwegian or swedish))	110

Medline 2005-11

127 fund

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

Searches Results

1 exp Deglutition disorders/	42714
2 (Dysphagi* or Deglutiti* or Aphagia or oodynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	54848
3 ((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult*)).ti,ab,kw,kf.	15923
4 1 or 2 or 3	93584
5 exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6099
6 aspiration.ti,ab,kw,kf.	62598
7 4 or 5 or 6	153850
8 exp Tongue/ or exp Tongue habits/	18485
9 ((indirect or tongue* or tongue-pressure or oral or oris or swallow* or masako or masoko) adj10 (therap* or thermal* or strength* or exercis* or performance or stimul* or tactil* or taste* or move*1 or moving or movement* or motion or rom or maneuver* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*)).mp.	68212
10 (masoko or masako or IOWA oral performance instrument or IOPI or facio-oral-tract therapy or facial-oral-tract therapy or facial oral tract therapy or "F.O.T.T." or FOTT or Castillo Morales Concept or tongue drive system or TDS or tongue protusion* or tongue-protusion*).mp.	2422
11 8 or 9 or 10	84312
12 7 and 11	5246
13 (((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	541455
14 12 and 13	287
15 limit 12 to randomized controlled trial	236
16 14 or 15	404
17 limit 16 to (yr="2005 -2011" and (danish or english or german or norwegian or swedish))	127

Embase 2012-15

248 fund

Database(s): Embase 1974 to 2015 June 16

Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	46198

2	(Dysphagi* or Deglutiti* or Aphagia or swallow* or odynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	105045
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult*)).ti,ab,kw.	17334
4	1 or 2 or 3	122101
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10890
6	aspiration.ti,ab,kw,kf.	83730
7	4 or 5 or 6	203886
8	exp Tongue/ or Mouth/ ((indirect or tongue* or tongue-pressure or oral or oris or swallow* or masako or masoko) adj10 (therap* or thermal* or strength* or exercis* or performance or stimul* or tactil* or taste* or move*1 or moving or movement* or motion or rom or maneuver* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*)).mp.	65831
9	(masoko or masako or IOWA oral performance instrument or IOPI or facio-oral-tract therapy or facial-oral-tract therapy or facial oral tract therapy or "F.O.T.T." or FOTT or Castillo Morales Concept or tongue drive system or TDS or tongue protusion* or tongue-protusion*).mp.	119844
10	8 or 9 or 10	3287
11	7 and 11	180860
12	7 and 11	12142
13	((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	705763
14	12 and 13	646
15	limit 12 to randomized controlled trial	327
16	14 or 15	765
17	limit 16 to (yr="2012 -Current" and (danish or english or german or norwegian or swedish))	248

Embase 2005-11

195 fund

Database(s): Embase 1974 to 2015 July 08

Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	46465
2	(Dysphagi* or Deglutiti* or Aphagia or swallow* or odynophagi* or oropharyn* or hypopharyn*).ti,ab,kw,kf,sh,hw.	105613
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult*)).ti,ab,kw,kf.	17441
4	1 or 2 or 3	122775
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10955
6	aspiration.ti,ab,kw,kf.	84145
7	4 or 5 or 6	204957
8	exp Tongue/ or exp Mouth/ ((indirect or tongue* or tongue-pressure or oral or oris or swallow* or masako or masoko) adj10 (therap* or thermal* or strength* or exercis* or performance or stimul* or tactil* or taste* or move*1 or moving or movement* or motion or rom or maneuver* or hold* or train* or instrument* or motion or mobili* or	179675
9	or thermal* or strength* or exercis* or performance or stimul* or tactil* or taste* or move*1 or moving or movement* or motion or rom or maneuver* or hold* or train* or instrument* or motion or mobili* or	120396

	blade* or bulb* or drive* or habit*).mp.	
	(masoko or masako or IOWA oral performance instrument or IOPI or facio-oral-tract therapy or facial-oral-tract therapy or facial oral tract therapy or "F.O.T.T." or FOTT or Castillo Morales Concept or tongue drive system or TDS).mp.	3315
10		
11	8 or 9 or 10	292350
12	4 and 7 and 11	17380
13	((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	711182
14	12 and 13	854
15	limit 12 to randomized controlled trial	408
16	14 or 15	997
17	limit 16 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	675
18	((tongue adj3 (train* or exercis*)) or tds or tongue drive system or tongue protusion* or tongue-protusion*).mp.	3340
19	(7 and 11) or 18	20611
20	((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	711182
21	19 and 20	1277
22	limit 19 to randomized controlled trial	702
23	21 or 22	1501
24	limit 23 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	870
25	24 not 17	195

Cinahl 2005-15

67 fund

#	Query	Limiters/Expanders	Results
S16	(S13 OR S14)	Limiters - Published Date: 20050101- 20151231	67
S15	(S13 OR S14)		191
S14	s11	Limiters - Randomized Controlled Trial	39
S13	S11 AND S12		188
S12	((random* or control* or placebo or crossover or cross-over or double-blind*) N3 (trial* or studies or study)) or rct)		136,082
S11	S6 AND S10		1,902
S10	S7 OR S8 OR S9		11,016
S9	(masoko or masako or IOWA oral performance instrument or IOPI or facio-oral-tract therapy or facial-oral-tract therapy or facial oral tract therapy or "F.O.T.T." or FOTT or Castillo Morales Concept or tongue drive system or TDS)		122
S8	((indirect or tongue* or tongue-pressure or oral or oris or swallow* or masako or masoko) N10 (therap* or thermal* or strength* or exercis* or performance or stimul* or tactil* or taste* or move* or manouv* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*))		9,640
S7	(MH "Tongue+") OR (MH "Tongue habits")		1,628
S6	S1 OR S2 OR S3 OR S4 OR S5		17,336
S5	(MH "Pneumonia, Aspiration")		795
S4	aspiration		5,630
S3	(MH "Risk for Aspiration (NANDA)")		7
S2	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) N5 (problem* or difficult* or disturbance*)))		12,819
S1	(MH "Deglutition Disorders")		3,733

PICO 8 : Bør systematisk tværfaglig intervention tilbydes patienter med trakealtube og øvre dysfagi med henblik på en hurtig og sikker seponering af trachealtube?

Medline

63 fund

Database(s): Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Search Strategy:

#	Searches	Results
1	exp Deglutition disorders/	42626
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	65949
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	14260
4	1 or 2 or 3	103377
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6094
6	(aspiration or penetration-aspiration).ti,ab,kw,kf.	62448
7	5 or 6	64928
8	4 or 7	163096
9	exp Airway management/	92776
10	(intubat* or tube* or Positive-Pressure Respiration or Interactive Ventilatory Support or High-Frequency Ventilation or tracheostomy or ((mechanical or artificial) adj2 (respiration or ventilation))).mp.	529164
11	9 or 10	536950
12	8 and 11	14986
13	exp Airway Extubation/ or exp Ventilator weaning/	3388
14	((extubat* or post-extubat* or postextubat* or decannulat* or wean* or capping or speaking valve* or downsizing or neurorehabilitation or neurosensory or (Multi-modal or multimodal or multi-component or multicomponent or multidisciplinary or multi-disciplinary or interdisciplinary or inter-disciplinary or complimentary or different or multiple or addition*)) adj5 (therap* or treatment* or rehabilitat* or intervention*)).mp.	198429
15	(facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or bobath concept or (saliva adj3 manage*)).mp.	93
16	13 or 14 or 15	201659
17	12 and 16	318
18	((((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	538791
19	17 and 18	43
20	limit 17 to randomized controlled trial	22
21	19 or 20	49
22	((cohort* or perspective or prospective or longitud* or follow-up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca*) adj3 (stud* or trial* or analys*)).ti,ab,sh,kw,pt.	1099221
23	22 and 17	68
24	21 or 23	99

25 limit 24 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))

63

Embase

213 fund

Database(s): Embase 1974 to 2015 June 16

Search Strategy:

# Searches	Results
1 exp Deglutition disorders/	46198
2 (Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	105010
3 ((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	19423
4 1 or 2 or 3	124081
5 exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10890
6 (aspiration or penetration-aspiration).ti,ab,kw,kf.	83730
7 5 or 6	89052
8 4 or 7	205852
9 exp Assisted ventilation/ or exp Artificial ventilation/	185456
10 (intubat* or tube* or Positive-Pressure Respiration or Interactive Ventilatory Support or High-Frequency Ventilation or tracheostomy or ((mechanical or artificial) adj2 (respiration or ventilation))).mp.	690059
11 9 or 10	739132
12 8 and 11	24613
13 exp Extubation/	11128
14 ((extubat* or post-extubat* or postextubat* or decannulat* or wean* or capping or speaking valve* or downsizing or neurorehabilitation or neurosensory or (Multi-modal or multimodal or multi-component or multicomponent or multidisciplinary or multi-disciplinary or interdisciplinary or inter-disciplinary or complimentary or different or multiple or addition*)) adj5 (therap* or treatment* or rehabilitat* or intervention*)).mp.	331378
15 (facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or bobath concept or (saliva adj3 manage*)).mp.	148
16 13 or 14 or 15	342044
17 12 and 16	1272
18 (((random* or control* or placebo or crossover or cross-over or double-blind*) adj3 (trial* or studies or study)) or rct).ti,ab,kw,sh,pt.	705763
19 17 and 18	109
20 limit 17 to randomized controlled trial	56
21 19 or 20	123
22 ((cohort* or perspective or prospective or longitud* or follow-up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca*) adj3 (stud* or trial* or analys*)).ti,ab,sh,kw,pt.	1477733
23 22 and 17	196
24 21 or 23	275
25 limit 24 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	213

Cinahl

28 fund

#	Query	Limiters/Expanders	Results
S20	S17 OR S19		28
S19	s15 and s18		25
S18	((cohort* or perspective or prospective or longitud* or follow-up or followup or retro-spective or retrospective or case-control* or case control* or observational or cross-section* or multi-cent* or multicent* or evaluation or comparative or intervention or provoca*) N3 (stud* or trial* or analys*))		398,672
S17	S15 AND S16		5
S16	((random* or control* or placebo or crossover or cross-over or double-blind*) N3 (trial* or studies or study)) or rct)		136,082
S15	S10 AND S14		81
S14	S11 or S12 or S13		33,802
S13	(facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or bobath concept or (saliva N3 manage*))		77
S12	((extubat* or post-extubat* or postextubat* or decannulat* or wean* or capping or speaking valve* or downsizing or neurorehabilitation or neurosensory or (Multi-modal or multimodal or multi-component or multicomponent or multidisciplinary or multi-disciplinary or interdisciplinary or inter-disciplinary or complimentary or different or multiple or addition*)) N5 (therap* or treatment* or rehabilitat* or intervention*))		31,952
S11	MH "Extubation+" or MH "Ventilator weaning+"		1,934
S10	S6 AND S9		1,633
S9	S7 OR S8		56,261
S8	(intubat* or tube* or Positive-Pressure Respiration or Interactive Ventilatory Support or High-Frequency Ventilation or tracheostomy or ((mechanical or artificial) N2 (respiration or ventilation)))		45,257
S7	(MH "Airway management+" or MH "Respiratory Therapy Equipment and Supplies+" or MH "Ventilator patients+" or MH "Respiration, Artificial+")		30,046
S6	S1 OR S2 OR S3 OR S4 OR S5		13,618
S5	(MH "Pneumonia, Aspiration")		795
S4	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,357
S3	(MH "Risk for Aspiration (NANDA)")		7
S2	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or ((swallow* or eat* or feed* or meal* or drink* or intake or ingest*) N5 (problem* or difficult* or disturbance*))		12,819
S1	(MH "Deglutition Disorders+")		3,733