

Søgeprotokol for Nationale Kliniske Retningslinjer

Projekttitel/aspekt	NKR for Dysfagi - Søgning på sekundærlitteratur
Kontakt fagkonsulent /projektleder	Tina Hansen / Betina Højgaard, KORA
Kontakt søgespecialist	Kirsten Birkefoss, SST
Senest opdateret	1/6-2015

Baggrund - PICOS	<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: Systematiske reviews, metaanalyser</p>

Informationskilder

Database	Interface / Webadresse	Dato for søgning
Medline	OVID	30.4.2015 – 19.5.2015
EMBASE	OVID	30.4.2015 – 19.5.2015
The Cochrane library	http://www.cochranelibrary.com/	30.4.2015 – 19.5.2015
CINAHL	EBSCO	30.4.2015 – 19.5.2015
PEDRO	http://www.pedro.org.au/	30.4.2015 – 19.5.2015
OTSeeker	http://www.otseeker.com/	30.4.2015 – 19.5.2015
SpeechBite	http://speechbite.com/	30.4.2015 – 19.5.2015

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

Systematiske reviews og metaanalyser

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?

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

Samsøgt

Medline

811 fund

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

Searches Results

33 exp Brain diseases/ or exp Central Nervous System Diseases/ or exp Guillain-Barre Syndrome/ or exp "Head and Neck Neoplasms"/ or Critical illness/	1448549
34 (((brain or head or cerebral) adj2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder* or critically ill* or critical illness*).ti,ab,kw.	267993
35 (((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.	82122
36 (Sclerosis or Dementia or (Parkinson* adj disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* adj syndrome) or Polyneuropath* or ALS).mp.	371770
37 Pharyngeal diseases/ or Oropharynx/ or Pharynx disease/ or exp Mouth/ or Gaggng/ or Intubation.mp.	309911
38 exp aged/ or exp geriatrics/ or aged.mp. or old age.mp. or elderly.mp.	4257874
39 33 or 34 or 35 or 36 or 37 or 38	5605949
40 exp Deglutition disorders/	42337
41 (Dysphagi* or Deglutiti* or Swallow* or Aphagia or oodynophagi* or oropharyn* or ((Ingestion or Eating or meal* or feeding) adj5 (difficult* or problem*))).ti,ab,kw,sh,kf.	66085
42 exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/ or Pneumonia/	43598
43 (aspiration adj5 (silent or penetration or pneumonia* or respirator*)).ti,ab,kw.	4446
44 exp Respiratory tract aspiration procedure/	0
45 Nutritional Status/ or exp Malnutrition/ or Nutrition Disorders/di or Nutrition assessment/	124819
46 (malnutrition or weight loss or (nutrition* adj2 (compromis* or state or status))).ti,ab,kw.	106333
47 (drool* or leak* or ((pool* adj3 (saliver or food or liquid* or drink*)) or slobber* or (cough adj5 (eat* or	112838

drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal adj2 penetration) or regurgitation)).mp.	
48 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47	444495
49 48 not (anorexia nervosa or bulimia).mp.	442061
50 39 and 49	183406
51 (((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.	1679528
52 (questionnaire* or interview* or (inquiry adj3 form*) or self-report* or (patient adj1 report*)).mp.	750934
53 (desaturation or oximetry or manometry or auscultation).mp.	52526
54 ((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.	555
55 exp Data collection/ or exp Questionnaires/	1551567
56 (((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.	7763
57 (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.	18081
58 51 or 52 or 53 or 54 or 55 or 56 or 57	3412373
59 50 and 58	52921
60 limit 59 to ("systematic reviews" or meta-analysis)	969
61 (((systematic or methodol*) adj3 (review* or stud* or search* or approach*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw. and (2013* or 2014* or 2015*).ed.	54147
62 60 or (61 and 59)	1051
63 limit 62 to yr=2005-current	846
64 limit 63 to (danish or english or german or norwegian or swedish)	811

Embase

576 fund

Database(s): **Embase** 1974 to 2015 April 29

Search Strategy:

#	Searches	Results
1	exp Brain diseases/ or exp Central Nervous System Diseases/ or exp Guillain-Barre Syndrome/ or Critical illness/	1886351
2	((((brain or head or cerebral) adj2 (infarction or injur* or accident*)) or stroke* or apople* or critically ill or critical illness*).mp.	470446
3	(Sclerosis or Dementia or (Parkinson* adj disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* adj syndrome) or Polyneuropath*).mp.	498820
4	Pharyngeal diseases/ or Oropharynx/ or Pharynx disease/ or exp Mouth/ or Gagging/ or Intubation.mp.	323463
5	exp aged/ or exp geriatrics/ or aged.mp. or old age.mp. or elderly.mp.	3222485
6	1 or 2 or 3 or 4 or 5	5224238
7	exp Deglutition disorders/	45145
8	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or ((Ingestion or Eating or meal* or feeding) adj5 (difficult* or problem*))).ti,ab,kw,sh.	104274
9	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/ or Pneumonia/	125337
10	(aspiration adj5 (silent or penetration or pneumonia* or respirator*)).ti,ab,kw.	6650
11	exp Respiratory tract aspiration procedure/	5371
12	Nutritional Status/ or exp Malnutrition/ or Nutrition Disorders/di or Nutrition assessment/	165274
13	(malnutrition or weight loss or (nutrition* adj2 (compromis* or state or status))).ti,ab,kw.	147675
14	(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.	182374
15	7 or 8 or 9 or 10 or 11 or 12 or 13 or 14	656671
16	15 not (anorexia nervosa or bulimia).mp.	653130
17	6 and 16	220047
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.	2113659
19	(questionnaire* or interview* or (inquiry adj3 form*) or self-report* or (patient adj1 report*)).mp.	927149
20	(desaturation or oximetry or manometry or auscultation).mp.	67314
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.	1271
22	exp Data collection/ or exp Questionnaires/	1510627
23	((((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.	10203
24	(Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation	44655

oral-motor assessment or Oral-facial sensorimotor examination or Orofacial function or Orofacial test or mealtime observation or facio-oral tract therapy 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.

25	18 or 19 or 20 or 21 or 22 or 23 or 24	3901958
26	17 and 25	39496
27	limit 26 to (systematic review or meta-analysis)	470
28	((systematic or methodol*) adj3 (review* or stud* or search* or approach*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw. and (2013* or 2014* or 2015*).em.	90935
29	27 or (28 and 26)	635
30	limit 29 to yr=2005-current	594
31	limit 30 to (danish or english or german or norwegian or swedish)	576

Cochrane Database of Systematic Reviews

744 fund

ID	Search	Hits
#1	MeSH descriptor: [Central Nervous System Diseases] explode all trees	29437
#2	[mh ^"Head and Neck Neoplasms"]	1483
#3	MeSH descriptor: [Guillain-Barre Syndrome] explode all trees	42
#4	((brain or head or cerebral) near/2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder)	42494
#5	(Sclerosis or Dementia or (Parkinson* next disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* next syndrome) or Polyneuropath* or ALS)	23502
#6	MeSH descriptor: [Pharyngeal Diseases] explode all trees	2040
#7	((head or neck or oral cavit* or nasopharyn* or oropharyn* or hypopharyn* or laryn* or tongue) not esophag*) near/3 (tumor* or tumour* or cancer* or neoplasm* or carcinoma* or oncology))	5983
#8	MeSH descriptor: [Oropharynx] explode all trees	344
#9	MeSH descriptor: [Mouth] explode all trees	7545
#10	MeSH descriptor: [Gagging] explode all trees	32
#11	Intubation	8945
#12	MeSH descriptor: [Homes for the Aged] explode all trees	498
#13	MeSH descriptor: [Aged] explode all trees	997
#14	MeSH descriptor: [Geriatrics] explode all trees	202
#15	{or #1-#14}	102249
#16	MeSH descriptor: [Deglutition Disorders] explode all trees	2094
#17	(Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharyn* or ((Ingestion or Eating or meal* or feeding) near/5 (difficult* or problem*)))	5848
#18	MeSH descriptor: [Pneumonia] explode all trees	2634
#19	(aspiration near/5 (silent or penetration or pneumonia* or respiratory or respiration))	747
#20	MeSH descriptor: [Nutrition Assessment] explode all trees	427
#21	MeSH descriptor: [Nutritional Status] explode all trees	1560
#22	(drool* or leak* or ((pool* near/3 (saliver or food or liquid* or drink*)) or slobber* or (cough near/5 (eat* or drink* or swallow* or mouthwash)) or globus sensation or wet voice or coughy voice or chok* or (nasal near/2 penetration) or regurgitation))	6435
#23	{or #16-#22}	17525
#24	#23 not (anorexia nervosa or bulimia)	17471
#25	#15 and #24	4644

#26 (((screening or evaluat* or estimat* or diagn* or assess* or symptom* or identif* or examinat*) near/6 (tool* or test* or instrument* or inventor*)) or clinical observation* or protocol* or pathway*) . 0

#27 (questionnaire* or interview* or (inquiry near/3 form*) or self-report* or (patient near/1 report*)) 69123

#28 desaturation or oximetry or manometry or auscultation 4542

#29 ((swallow* near/2 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* next Qol symptom scale) or dysphagia symptom scale) 934

#30 MeSH descriptor: [Data Collection] explode all trees 69270

#31 (((3oz or 3-oz) next 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) next Swallow Test) or BST or Yale swallow protocol or (Mann Assessment near/1 Swallowing Ability) or MASA or (Modified Mann Assessment near/1 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) 71714

#32 (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 facio-oral tract therapy 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*) near/10 meal*4)) 41391

#33 {or #26-#32} 199686

#34 #25 and #33 1933

#35 #34 Publication Year from 2005 to 2015, in Cochrane Reviews (Reviews and Protocols), Other Reviews and Technology Assessments 744

Cinahl

72 fund

#	Query	Limiters/Expanders	Results
S33	S14 AND S22 AND S30	Limiters - Published Date: 20050101-20151231; Publication Type: Meta Analysis, Systematic Review; Language: Danish, English, German, Norwegian, Swedish	72
S32	S14 AND S22 AND S30	Limiters - Publication Type: Meta Analysis, Systematic Review; Language: Danish, English, German, Norwegian, Swedish	76
S31	S14 AND S22 AND S30		5,694
S30	S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29		610,484
S29	Clinical bedside examination or clinical swallowing examination or Clinical non-instrumental evaluation or oral-motor		4,549

	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*))		
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)		347
S27	(MH "Data Collection+")		319,969
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)		149
S25	desaturation or oximetry or manometry or auscultation		5,985
S24	(questionnaire* or interview* or (inquiry N3 form*) or self-report* or (patient N1 report*))		347,051
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*)		194,773
S22	s21 not (anorexia nervosa or bulimia)		40,732
S21	S15 OR S16 OR S17 OR S18 OR S19 OR S20		40,977
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))		6,578
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")		14,928
S18	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,348
S17	(MH "Pneumonia+")		10,193

S16	Dysphagi* or Deglutiti* or Swallow* or Aphagia or odynophagi* or oropharynx* or ((Ingestion or Eating or meal* or feeding) N5 (difficult* or problem*))	10,280
S15	(MH "Deglutition Disorders+")	3,706
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	530,664
S13	(MH "Geriatrics")	2,633
S12	(MH "Aged+")	354,653
S11	(MH "Nursing Home Patients")	9,016
S10	(MH "Intubation+")	8,460
S9	(MH "Gagging")	84
S8	(MH "Mouth Diseases+")	24,576
S7	(MH "Oropharynx+")	685
S6	(MH "Pharyngeal Diseases+")	3,990
S5	(Sclerosis or Dementia or (Parkinson* W0 disease) or parkinsonism or polio or encephalitis or (Guillain-Barre* W0 syndrome) or Polyneuropath* or ALS)	55,210
S4	((((brain or head or cerebral) N2 (infarction or injur* or accident*)) or stroke* or apople* or cerebrovascular disorder)	70,622
S3	(MH "Guillain-Barre Syndrome+") OR (MH "Head and Neck Neoplasms+")	17,853
S2	(MH "Central Nervous System Diseases+")	156,946

PEDRO

23 fund

Abstract and title: dysphagia deglutition aspiration pneumonia swallowing

Method: Systematic review

Year: 2005-2015

OTSeeker

4 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing

Method: Systematic review Year: 2005-2015

SpeechBite

Any field: dysphagia deglutition aspiration pneumonia swallowing

Method: Systematic review

Year: 2005-15

41 fund

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

Medline

317 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/	42346
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	65513
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	14135
4	1 or 2 or 3	92634
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6061
6	((pneumonia or respiratory or silent) adj5 aspiration).mp.	8457
7	4 or 5 or 6	99251
8	exp meals/ or exp Eating/ or exp "Activities of Daily Living"/	114108
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 maneuver* 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 guideline*)).ti,ab,kw,sh.	448119
10	8 or 9	535992
11	7 and 10	10738
12	((systematic or methodol*) adj3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,hw,sh,pt.	471164
13	11 and 12	481
14	limit 11 to ("systematic reviews" or meta analysis)	340
15	13 or 14	602
16	limit 13 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	320
17	16 not (exp binge-eating disorder/ or exp anorexia nervosa/ or exp bulimia nervosa/)	317

Embase

163 fund

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

Search Strategy:

#	Searches	Results
1	exp Dysphagia/	45277
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,kf,sh,hw.	103713
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	23505
4	1 or 2 or 3	104424
5	exp Aspiration Pneumonia/ or exp Respiratory Aspiration/ or exp acid aspiration/	10764
6	((pneumonia or respiratory or silent) adj5 aspiration).mp.	14097
7	4 or 5 or 6	116157
8	exp meal/ or exp Eating/ or exp food intake/	244994
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 masticat* or diet* or nutrition*2) adj10 (support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or technique* or adapt* or comply or complies or compliance or adher* or maneuver* or position 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 recommend* or protocol* or guideline*)).ti,ab,kw,sh.	394303
10	8 or 9	568329
11	7 and 10	15380
12	limit 11 to (systematic review or meta analysis)	191
13	limit 12 to ((danish or english or german or norwegian or swedish) and yr="2005 -Current")	163

Cochrane Database of Systematic Reviews

ID	Search	Hits
#1	MeSH descriptor: [Deglutition Disorders] explode all trees	2094
#2	(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*) near/5 (problem* or difficult* or disturbance*)))	6872
#3	#1 or #2	8214
#4	MeSH descriptor: [Respiratory Aspiration] explode all trees	27
#5	[mh ^"Pneumonia, Aspiration"]	286
#6	(aspiration near/5 (silent or penetration or pneumonia* or respiratory or respiration))	747
#7	#4 or #5 or #6	747
#8	#3 or #7	8718
#9	MeSH descriptor: [Meals] explode all trees	172
#10	MeSH descriptor: [Eating] explode all trees	2644
#11	((mealtime* or meal time* or meal-time* or meal? or eat* or selffeed* or self-feed* or feed* or food* or drink* or masticat* or diet* or nutrition*) near/10 (support* or assist* or supervis* or help* or selfhelp or self-help* or aid* or technique* or adapt* or comply or complies or compliance or adher* or maneuver* or position 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 recommend* or protocol* or guideline*))	36469
#12	#9 or #10 or #11	38083
#13	#8 and #12	1564

#14 #13 Publication Year from 2005 to 2015, in Cochrane Reviews (Reviews and Protocols), Other Reviews and Technology Assessments 513

Cinahl

113 fund

#	Query	Limiters/Expanders	Results
S32	(S28 AND S29) AND (S30 OR S31)		113
S31	S28 AND S29	Limiters - Publication Type: Meta Analysis, Systematic Review	81
S30	S28 AND S29		113
S29	((systematic or methodol*) N3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline)	Limiters - Published Date: 20050101-20151231	60,002
S28	S22 AND S26	Limiters - Published Date: 20050101-20151231	1,993
S27	S22 AND S26		3,052
S26	S23 OR S24 OR S25		70,355
S25	((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 maneuver* 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*))		56,853
S24	(MH "Food Habits") OR (MH "Eating Behavior+") OR (MH "Eating")		16,307
S23	(MH "Meals+") OR (MH "Food Assistance")		2,705
S22	S17 OR S18 OR S19 OR S20 OR S21		13,519
S21	(MH "Pneumonia, Aspiration")		790
S20	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,349

S19	(MH "Risk for Aspiration (NANDA)")		7
S18	(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*)))		12,723
S17	(MH "Deglutition Disorders+")		3,712

PEDRO

35 fund

Abstract and title: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-2015

OTSeeker

4 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

SpeechBite

50 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

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

Medline

365 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/	42409
2 (Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	65513

3 ((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	14135
4 1 or 2 or 3	92738
5 exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6076
6 ((pneumonia or respiratory or silent) adj5 aspiration).mp.	8475
7 4 or 5 or 6	99366
8 exp meals/ or exp Eating/ or exp "Activities of Daily Living"/	114280
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.	1924729
10 exp exercise/ or exp exercise therapy/	149841
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.	15854499
12 8 or 9 or 10 or 11	16226244
13 7 and 12	75791
14 (((systematic or methodol*) adj3 (review* or stud* or search* or approach*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,sh,pt. and (2013* or 2014* or 2015*).ed.	57503
15 13 and 14	385
16 limit 13 to ("systematic reviews" or meta analysis)	1805
17 15 or 16	1916
18 limit 15 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	366
19 18 not (exp binge-eating disorder/ or exp anorexia nervosa/ or exp bulimia nervosa/)	365

Embase

238 fund

Database(s): Embase 1974 to 2015 May 20

Search Strategy:

Searches Results

17 (Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,kf,sh,hw.	103713
18 ((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	18755
19 16 or 17 or 18	122170
20 exp Aspiration Pneumonia/ or exp Respiratory Aspiration/ or exp acid aspiration/	10793
21 ((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]	13267
22 19 or 20 or 21	132876
23 exp meal/ or exp Eating/ or exp food intake/ or exp "Activities of Daily Living"/	304777
24 ((mealtime* or meal time* or meal-time* or meal*1 or eat* or selffeed* or self-feed* or feed* or food* or	755633

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 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.

25 exp Exercise/ or exp Exercise therapy/	261461
26 23 and 25	11060
27 24 or 26	759671
28 22 and 27	25926
29 limit 28 to (systematic review or meta analysis)	275
30 limit 29 to ((danish or english or german or norwegian or swedish) and yr="2005 -Current")	238

Cochrane Database of Systematic Reviews

657 fund

ID	Search	Hits
#1	MeSH descriptor: [Deglutition Disorders] explode all trees	2094
#2	(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*) near/5 (problem* or difficult* or disturbance*))	6871
#3	#1 or #2	8213
#4	MeSH descriptor: [Respiratory Aspiration] explode all trees	27
#5	[mh ^"Pneumonia, Aspiration"]	286
#6	(aspiration near/5 (silent or penetration or pneumonia* or respiratory or respiration))	747
#7	#4 or #5 or #6	747
#8	#3 or #7	8717
#9	[mh ^Meals] or [mh ^Eating] or [mh ^"Activities of Daily Living"]	5950
#10	(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) near/10 (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 recommend* or protocol* or guide* or therap* or ("speech and language" near/2 patholog*))	66201
#11	[mh ^exercise] or [mh ^"exercise therapy"]	15330
#12	#9 and #11	748
#13	#10 or #12	66201
#14	#8 and #13	2518
#15	#14 Publication Year from 2005 to 2015, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	657

Cinahl

253 fund

#	Query	Limiters/Expanders	Results
S16	s13 and s14	Limiters - Published Date: 20050101- 20151231	253
S15	s13 and s14		303
S14	((systematic or methodol*) N3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline)		73,883
S13	S6 AND S12		7,090
S12	(S7 or S8 or S9) AND (S10 or S11)		191,593
S11	(MH "exercise therapy+") OR (MH "Exercise+")		54,220
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 maneu* 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*)		1,761,029
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)		272,777
S8	(MH "Food Habits") OR (MH "Eating Behavior+") OR (MH "Eating") OR (MH "Food intake"+)		16,341
S7	(MH "Meals+") OR (MH "Food Assistance") OR (MH "Activities of Daily Living+")		34,119
S6	S1 OR S2 OR S3 OR S4 OR S5		13,540
S5	(MH "Pneumonia, Aspiration")		792
S4	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,352
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*)))		12,743
S1	(MH "Deglutition Disorders")		3,717

PEDRO

35 fund

Abstract and title: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-2015

OTSeeker

4 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

SpeechBite

50 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

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

202 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/	42346
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	65513
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	14135
4	1 or 2 or 3	92634
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6061
6	((pneumonia or respiratory or silent) adj5 aspiration).mp.	8457
7	4 or 5 or 6	99251
8	exp Oral hygiene/ or mouthwash*.mp.	20312
9	((oral or dental or mucosal or mouth or tooth* or interdental or inter-dental) adj10 (care or hygien* or health* or prevent* or decontamination or chlorhexidine or anti-septic* or antiseptic* or wash* or brush* or clean* or floss*)) or prevent*).mp.	1159347
10	8 or 9	1163386
11	7 and 10	7739
12	((systematic or methodol*) adj3 (review* or stud* or search* or approach*)) or meta-analy* or	234172

metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,hw,sh,pt.

13	11 and 12	285
14	limit 13 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	202

Embase

101 fund

Database(s): **Embase** 1974 to 2015 May 15

Search Strategy:

#	Searches	Results
1	exp Dysphagia/	45408
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,kf,sh,hw.	103713
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	21569
4	1 or 2 or 3	102836
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10780
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]	13252
7	4 or 5 or 6	113869
8	exp Mouth hygiene/ or mouthwashing.mp.	19118
9	((oral or dental or mucosal or mouth or tooth*) adj10 (care or hygien* or health* or prevent* or decontamination or chlorhexidine or wash* or clean*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	159523
10	8 or 9	159531
11	7 and 10	2246
12	limit 11 to (systematic review or meta analysis)	60
13	((systematic or methodol*) adj3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,hw,sh,pt. and (2013* or 2014* or 2015*).em.	323388
14	11 and 13	65
15	12 or 14	112
16	limit 15 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	101

Cochrane Database of Systematic Reviews Library

164 fund

ID	Search	Hits
#1	MeSH descriptor: [Deglutition Disorders] explode all trees	2094
#2	(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*) near/5 (problem* or difficult* or disturbance*)))	6873
#3	#1 or #2	8215
#4	MeSH descriptor: [Respiratory Aspiration] explode all trees	27

#5	[mh ^"Pneumonia, Aspiration"]	286	
#6	(aspiration near/5 (silent or penetration or pneumonia* or respiratory or respiration))		747
#7	#4 or #5 or #6	747	
#8	#3 or #7	8719	
#9	[mh ^"Oral hygiene"] or mouthwash	1390	
#10	((oral or dental or mucosal or mouth or tooth*) near/5 (care or hygien* or health* or prevent* or decontamination or chlorhexidine or wash* or clean*))	13184	
#11	#9 or #10	13488	
#12	#8 and #11 Publication Year from 2005 to 2015, in Cochrane Reviews (Reviews and Protocols), Other Reviews and Technology Assessments	164	

Cinahl

119 fund

#	Query	Limiters/Expanders	Results
S32	(S27 AND S28) AND (S30 OR S31)		119
S31	S27 AND S28		119
S30	S27 AND S28	Limiters - Publication Type: Meta Analysis, Systematic Review	77
S29	S27 AND S28		119
S28	((systematic or methodol*) N3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline)	Limiters - Published Date: 20050101-20151231	60,002
S27	S22 AND S25	Limiters - Published Date: 20050101-20151231	1,716
S26	S22 AND S25		2,504
S25	S23 OR S24		396,564
S24	((oral or dental or mucosal or mouth or tooth* or interdental or inter-dental) N10 (care or hygien* or health* or prevent* or decontamination or chlorhexidine or anti-septic* or antiseptic* or wash* or brush* or clean* or floss*)) or prevent*)		396,216
S23	(MH "Oral hygiene") or mouthwash*		3,258
S22	S17 OR S18 OR S19 OR S20 OR S21		13,519
S21	(MH "Pneumonia, Aspiration")		790
S20	(aspiration N5 (silent or penetration or pneumonia* or		1,349

	respiratory or respiration))		
S19	(MH "Risk for Aspiration (NANDA)")		7
S18	(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*)))		12,723
S17	(MH "Deglutition Disorders+")		3,712

PEDRO

35 fund

Abstract and title: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-2015

OTSeeker

4 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

SpeechBite

50 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

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

Medline

103 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/	42346
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	65513
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	14135
4	1 or 2 or 3	92602
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6061
6	((pneumonia or respiratory or silent) adj5 aspiration).mp.	8456
7	4 or 5 or 6	99219
8	exp Tongue/ or exp Tongue habits/	36508
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 maneuv* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*)).mp.	63479
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).mp.	2379
11	8 or 9 or 10	79698
12	7 and 11	4594
13	((systematic or methodol*) adj3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,hw,sh,pt.	470816
14	12 and 13	143
15	limit 14 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	103

Embase

164 fund

Database(s): **Embase** 1974 to 2015 May 15

Search Strategy:

#	Searches	Results
1	exp Dysphagia/	45408
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,kf,sh,hw.	103713
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).ti,ab,kw,kf.	21569
4	1 or 2 or 3	102836
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10780

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]	13252
7	4 or 5 or 6	113869
8	exp Tongue/ or exp Tongue habits/	24347
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 maneuv* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*)).mp.	115208
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).mp.	3251
11	8 or 9 or 10	137022
12	7 and 11	6843
13	limit 12 to (systematic review or meta analysis)	78
14	((systematic or methodol*) adj3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,hw,sh,pt. and (2013* or 2014* or 2015*).em.	323388
15	12 and 14	137
16	13 or 15	179
17	limit 16 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	164

Cochrane Database of Systematic Reviews Library

350 fund

ID	Search	Hits
#1	MeSH descriptor: [Deglutition Disorders] explode all trees	2094
#2	(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*) near/5 (problem* or difficult* or disturbance*)))	6872
#3	#1 or #2	8214
#4	MeSH descriptor: [Respiratory Aspiration] explode all trees	27
#5	[mh ^"Pneumonia, Aspiration"]	286
#6	(aspiration near/5 (silent or penetration or pneumonia* or respiratory or respiration))	747
#7	#4 or #5 or #6	747
#8	#3 or #7	8718
#9	MeSH descriptor: [Tongue] explode all trees	275
#10	MeSH descriptor: [Tongue Habits] explode all trees	7
#11	((indirect or tongue* or tongue-pressure or oral or oris or swallow* or masako or masoko) near/10 (therap* or thermal* or strength or exercis* or performance or stimul* or tactil* or taste* or move* or maneuv* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*))	32312
#12	(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)	555
#13	#9 or #10 or #11 or #12	32819
#14	#8 and #13	1368
#15	#14 Publication Year from 2005 to 2015, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	350

Cinahl

70 fund

#	Query	Limiters/Expanders	Results
S17	(S12 AND S13) AND (S15 OR S16)		70
S16	S12 AND S13		70
S15	S12 AND S13	Limiters - Publication Type: Meta Analysis, Systematic Review	44
S14	S12 AND S13		70
S13	((systematic or methodol*) N3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline)	Limiters - Published Date: 20050101-20151231	60,002
S12	S6 AND S10	Limiters - Published Date: 20050101-20151231	1,295
S11	S6 AND S10		1,857
S10	S7 OR S8 OR S9		10,892
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)		120
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 manev* or hold* or train* or instrument* or motion or mobili* or blade* or bulb* or drive* or habit*))		9,524
S7	(MH "Tongue+") OR (MH "Tongue habits")		1,620
S6	S1 OR S2 OR S3 OR S4 OR S5		13,519
S5	(MH "Pneumonia, Aspiration")		790
S4	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,349
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*)))		12,723
S1	(MH "Deglutition Disorders+")		3,712

PEDRO

35 fund

Abstract and title: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-2015

OTSeeker

4 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

SpeechBite

50 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing
Method: Systematic review
Year: 2005-15

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

Medline

18 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/	42346
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	65513
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	14135
4	1 or 2 or 3	102678
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	6061
6	(aspiration or penetration-aspiration).ti,ab,kw,kf.	62121
7	5 or 6	64591
8	4 or 7	162113

9 exp Airway management/	92236
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.	526665
11 9 or 10	534346
12 8 and 11	14902
13 exp Airway Extubation/ or exp Ventilator weaning/	3370
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.	196657
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.	92
16 13 or 14 or 15	199869
17 12 and 16	314
18 (((systematic or methodol*) adj3 (review* or stud* or search* or approach*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,sh,hw,pt.	234172
19 17 and 18	17
20 limit 17 to ("systematic reviews" or meta analysis)	17
21 19 or 20	21
22 limit 21 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	18

Embase

43 fund

Database(s): **Embase** 1974 to 2015 May 19

Search Strategy:

#	Searches	Results
1	exp Dysphagia/	45425
2	(Dysphagi* or Deglutiti* or Aphagia or odynophagi* or oropharyn* or hypopharyn* or swallow*).ti,ab,kw,sh,kf.	103620
3	((eat* or feed* or meal* or drink* or intake or ingest*) adj5 (problem* or difficult* or disturbance*)).mp.	19157
4	1 or 2 or 3	122448
5	exp Pneumonia, Aspiration/ or exp Respiratory Aspiration/	10784
6	(aspiration or penetration-aspiration).ti,ab,kw,kf.	82866
7	5 or 6	88149
8	4 or 7	203447
9	exp Assisted ventilation/ or exp Artificial ventilation/	184020
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.	685471
11	9 or 10	734125
12	8 and 11	24337
13	exp Extubation/	11017
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	327580

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.

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. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]	145
16 13 or 14 or 15	338138
17 12 and 16	1255
18 (((systematic or methodol*) adj3 (review* or stud* or search* or approach*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline).ti,ab,kw,kf,sh,hw,pt.	463212
19 17 and 18	52
20 limit 17 to (systematic review or meta analysis)	22
21 19 or 20	52
22 limit 21 to (yr="2005 -Current" and (danish or english or german or norwegian or swedish))	43

Cochrane Database of Systematic Reviews

291 fund

ID	Search	Hits
#1	MeSH descriptor: [Deglutition Disorders] explode all trees	2094
#2	(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*) near/5 (problem* or difficult* or disturbance*)))	6871
#3	#1 or #2	8213
#4	MeSH descriptor: [Respiratory Aspiration] explode all trees	27
#5	[mh ^"Pneumonia, Aspiration"]	286
#6	(aspiration near/5 (silent or penetration or pneumonia* or respiratory or respiration))	747
#7	#4 or #5 or #6	747
#8	#3 or #7	8717
#9	[mh ^"Airway management"]	90
#10	(intubat* or tube* or Positive-Pressure Respiration or Interactive Ventilatory Support or High-Frequency Ventilation or tracheostomy or ((mechanical or artificial) near/2 (respiration or ventilation)))	26585
#11	#9 or #10	26604
#12	#8 and #11	1397
#13	MeSH descriptor: [Airway Extubation] explode all trees	50
#14	MeSH descriptor: [Ventilator Weaning] explode all trees	406
#15	((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*)) near/5 (therap* or treatment* or rehabilitat* or intervention*))	41183
#16	(facial-oral tract therapy or facio-oral tract therapy or "F.O.T.T." or FOTT or bobath concept or (saliva adj3 manage*))	75
#17	#13 or #14 or #15 or #16	41417
#18	#12 and #17	353
#19	#18 Publication Year from 2005 to 2015, in Cochrane Reviews (Reviews and Protocols) and Other Reviews	291

Cinahl

5 fund

#	Query	Limiters/Expanders	Results
S17	S15 AND S16		5
S16	((systematic or methodol*) N3 (review* or stud* or search* or approach* or method*)) or meta-analy* or metaanaly* or meta analy* or pubmed or medline)		73,883
S15	S10 AND S14		81
S14	S11 or S12 or S13		33,627
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*))		31,781
S11	MH "Extubation+" or MH "Ventilator weaning+"		1,930
S10	S6 AND S9		1,623
S9	S7 OR S8		56,010
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)))		45,049
S7	(MH "Airway management+" or MH "Respiratory Therapy Equipment and Supplies+" or MH "Ventilator patients+" or MH "Respiration, Artificial+")		29,933
S6	S1 OR S2 OR S3 OR S4 OR S5		13,540
S5	(MH "Pneumonia, Aspiration")		792
S4	(aspiration N5 (silent or penetration or pneumonia* or respiratory or respiration))		1,352
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*)))		12,743
S1	(MH "Deglutition Disorders+")		3,717

PEDRO

35 fund

Abstract and title: dysphagia deglutition aspiration pneumonia swallowing

Method: Systematic review

Year: 2005-2015

OTSeeker

4 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing

Method: Systematic review

Year: 2005-15

SpeechBite

50 fund

Any field: dysphagia deglutition aspiration pneumonia swallowing

Method: Systematic review

Year: 2005-15
