

Supplementary Table 1. Search strategy

Database	Search	Search terms/queries
PubMed	#1	"Empty nose syndrome"[TW] OR "ENS"[TW]
	#2	"Rhinitis, Atrophic"[Mesh]
	#3	"Rhinitis, Atrophic"[TW] OR "Atrophic Rhinitides"[TW] OR "Atrophic Rhinitis"[TW] OR "Rhinitides, Atrophic"[TW] OR "Ozena"[TW] OR "Ozenas"[TW]
	#4	#1 OR #2 OR #3
	Combine	
	#5	"Surgical Procedures, Operative"[Mesh]
	#6	"Surgical Procedures, Operative"[TW] OR "Operative Procedures"[TW] OR "Operative Procedure"[TW] OR "Procedure, Operative"[TW] OR "Procedures, Operative"[TW] OR "Surgical Procedure, Operative"[TW] OR "Operative Surgical Procedures"[TW] OR "Procedure, Operative Surgical"[TW] OR "Procedures, Operative Surgical"[TW] OR "Surgical Procedures"[TW] OR "Procedure, Surgical"[TW] OR "Procedures, Surgical"[TW] OR "Surgical Procedure"[TW] OR "Operative Surgical Procedure"[TW] OR "Surgery, Ghost"[TW] OR "Ghost Surgery"[TW] OR "surgical treatment "[TW] OR "Surgical approaches"[TW] OR "Endonasal microplasty"[TW]
	#7	"Otorhinolaryngologic Surgical Procedures"[Mesh]
	#8	"Otorhinolaryngologic Surgical Procedures"[TW] OR "Surgical Procedure, Otorhinolaryngologic"[TW] OR "Surgical Procedures, Otorhinolaryngologic"[TW] OR "Procedure, Otorhinolaryngologic Surgical"[TW] OR "Otorhinolaryngological Surgical Procedures"[TW] OR "Otorhinolaryngological Surgical Procedure"[TW] OR "Procedure, Otorhinolaryngological Surgical"[TW] OR "Procedures, Otorhinolaryngological Surgical"[TW] OR "Surgical Procedure, Otorhinolaryngological"[TW] OR "Surgical Procedures, Otorhinolaryngological"[TW] OR "Otorhinolaryngologic Surgical Procedure"[TW] OR "Procedures, Otorhinolaryngologic Surgical"[TW]
	#9	"surgery" [Subheading]
	#10	"surgery"[TW] OR "operative therapy"[TW] OR "invasive procedures"[TW] OR "operative procedures"[TW] OR "operations"[TW] OR "perioperative procedures"[TW] OR "intraoperative procedures"[TW] OR "peroperative procedures"[TW] OR "preoperative procedures"[TW]
	#11	#5 AND #6 AND #7 OR #8 OR #9 OR #10
	Combine	
	#12	#4 AND #11
Combine		
#13	#12 NOT ("animals"[MeSH] NOT "Humans"[MeSH])	
#14	#13 NOT "Review" [Publication Type]	
Embase	#1	"Empty nose syndrome":ti,ab,kw,de OR "ENS":ti,ab,kw,de
	#2	"atrophic rhinitis"/exp
	#3	"Rhinitis, Atrophic":ti,ab,kw,de OR "Atrophic Rhinitides":ti,ab,kw,de OR "Atrophic Rhinitis":ti,ab,kw,de OR "Rhinitides, Atrophic":ti,ab,kw,de OR "Ozena":ti,ab,kw,de OR "Ozenas":ti,ab,kw,de
	#4	#1 OR #2 OR #3
	Combine	
	#5	"surgery"/exp
	#6	"Surgical Procedures, Operative":ti,ab,kw,de OR "Operative Procedures":ti,ab,kw,de OR "Operative Procedure":ti,ab,kw,de OR "Procedure, Operative":ti,ab,kw,de OR "Procedures, Operative":ti,ab,kw,de OR "Surgical Procedure, Operative":ti,ab,kw,de OR "Operative Surgical Procedures":ti,ab,kw,de OR "Procedure, Operative Surgical":ti,ab,kw,de OR "Procedures, Operative Surgical":ti,ab,kw,de OR "Surgical Procedures":ti,ab,kw,de OR "Procedure, Surgical":ti,ab,kw,de OR "Procedures, Surgical":ti,ab,kw,de OR "Surgical Procedure":ti,ab,kw,de OR "Operative Surgical Procedure":ti,ab,kw,de OR "Surgery, Ghost":ti,ab,kw,de OR "Ghost Surgery":ti,ab,kw,de OR "surgical treatment ":ti,ab,kw,de OR "Surgical approaches":ti,ab,kw,de OR "Endonasal microplasty":ti,ab,kw,de
	#7	"ear nose throat surgery"/exp
#8	"Otorhinolaryngologic Surgical Procedures":ti,ab,kw,de OR "Surgical Procedure, Otorhinolaryngologic":ti,ab,kw,de OR "Surgical Procedures, Otorhinolaryngologic":ti,ab,kw,de OR "Procedure, Otorhinolaryngologic Surgical":ti,ab,kw,de OR "Otorhinolaryngological Surgical Procedures":ti,ab,kw,de OR "Otorhinolaryngological Surgical Procedure":ti,ab,kw,de OR "Procedure, Otorhinolaryngological Surgical":ti,ab,kw,de OR "Procedures, Otorhinolaryngological Surgical":ti,ab,kw,de OR "Surgical Procedure, Otorhinolaryngological":ti,ab,kw,de OR "Surgical Procedures, Otorhinolaryngological":ti,ab,kw,de OR "Otorhinolaryngologic Surgical Procedure":ti,ab,kw,de OR "Procedures, Otorhinolaryngologic Surgical":ti,ab,kw,de OR "ent surgery":ti,ab,kw,de OR "oropharyngectomy":ti,ab,kw,de	

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Supplementary Table 1. Continued

Database	Search	Search terms/queries
	#9	"surgery":ti,ab,kw,de OR "operative therapy":ti,ab,kw,de OR "invasive procedures":ti,ab,kw,de OR "operative procedures":ti,ab,kw,de OR "operations":ti,ab,kw,de OR "perioperative procedures":ti,ab,kw,de OR "intraoperative procedures":ti,ab,kw,de OR "peroperative procedures":ti,ab,kw,de OR "preoperative procedures":ti,ab,kw,de
	#10 Combine	#5 AND #6 AND #7 OR #8 OR #9
	#11 Combine	#4 AND #10
	#12	#11 NOT ('animal/exp NOT 'human/exp)
	#13	#12 NOT 'review/exp
Cochrane Library	#1	"Empty nose syndrome":ti,ab,kw OR "ENS":ti,ab,kw
	#2	[mh "Rhinitis, Atrophic"]
	#3	"Rhinitis, Atrophic":ti,ab,kw OR "Atrophic Rhinitides":ti,ab,kw OR "Atrophic Rhinitis":ti,ab,kw OR "Rhinitides, Atrophic":ti,ab,kw OR "Ozena":ti,ab,kw OR "Ozenas":ti,ab,kw
	#4 Combine	{OR #1-#3}
	#5	[mh "Surgical Procedures, Operative"]
	#6	"Surgical Procedures, Operative":ti,ab,kw OR "Operative Procedures":ti,ab,kw OR "Operative Procedure":ti,ab,kw OR "Procedure, Operative":ti,ab,kw OR "Procedures, Operative":ti,ab,kw OR "Surgical Procedure, Operative":ti,ab,kw OR "Operative Surgical Procedures":ti,ab,kw OR "Procedure, Operative Surgical":ti,ab,kw OR "Procedures, Operative Surgical":ti,ab,kw OR "Surgical Procedures":ti,ab,kw OR "Procedure, Surgical":ti,ab,kw OR "Procedures, Surgical":ti,ab,kw OR "Surgical Procedure":ti,ab,kw OR "Operative Surgical Procedure":ti,ab,kw OR "Surgery, Ghost":ti,ab,kw OR "Ghost Surgery":ti,ab,kw OR "surgical treatment":ti,ab,kw OR "Surgical approaches":ti,ab,kw OR "Endonasal microplasty":ti,ab,kw
	#7	[mh "Otorhinolaryngologic Surgical Procedures"]
	#8	"Otorhinolaryngologic Surgical Procedures":ti,ab,kw OR "Surgical Procedure, Otorhinolaryngologic":ti,ab,kw OR "Surgical Procedures, Otorhinolaryngologic":ti,ab,kw OR "Procedure, Otorhinolaryngologic Surgical":ti,ab,kw OR "Otorhinolaryngological Surgical Procedures":ti,ab,kw OR "Otorhinolaryngological Surgical Procedure":ti,ab,kw OR "Procedure, Otorhinolaryngological Surgical":ti,ab,kw OR "Procedures, Otorhinolaryngological Surgical":ti,ab,kw OR "Surgical Procedure, Otorhinolaryngological":ti,ab,kw OR "Surgical Procedures, Otorhinolaryngological":ti,ab,kw OR "Otorhinolaryngologic Surgical Procedure":ti,ab,kw OR "Procedures, Otorhinolaryngologic Surgical":ti,ab,kw
	#9	"surgery":ti,ab,kw OR "operative therapy":ti,ab,kw OR "invasive procedures":ti,ab,kw OR "operative procedures":ti,ab,kw OR "operations":ti,ab,kw OR "perioperative procedures":ti,ab,kw OR "intraoperative procedures":ti,ab,kw OR "peroperative procedures":ti,ab,kw OR "preoperative procedures":ti,ab,kw
	#10 Combine	{OR #5-#9}
	#11 Combine	#4 AND #10
Web of Science	#1	TS=("Empty nose syndrome" OR "ENS" OR "Atrophic Rhinitis" OR "Atrophic Rhinitides" OR "Ozena" OR "Ozenas")
	#2	TS=("Surgical Procedures, Operative" OR "Operative Procedures" OR "Operative Procedure" OR "Surgical Procedure" OR "Surgical Procedures" OR "Otorhinolaryngologic Surgical Procedures" OR "ear nose throat surgery" OR "surgery" OR "operative therapy" OR "invasive procedures" OR "oropharyngectomy")
	#3 Combine	#1 AND #2
Google Scholar	#1	"Empty nose syndrome" OR "ENS" OR "Atrophic Rhinitis" OR "Atrophic Rhinitides" OR "Ozena"
	#2	"operation" OR "Operative" OR "Surgical Procedure" OR "Otorhinolaryngologic Surgical Procedures" OR "ear nose throat surgery" OR "surgery"
	#3 Combine	("Empty nose syndrome" OR "ENS" OR "Atrophic Rhinitis" OR "Atrophic Rhinitides" OR "Ozena" OR "Ozenas") AND ("operation" OR "Operative" OR "Surgical Procedure" OR "Otorhinolaryngologic Surgical Procedures" OR "ear nose throat surgery" OR "surgery")