

Database	Terms	Limitations	Results
<b>PubMed</b>	((("lingual frenum"[MeSH Terms] OR "frenul*"[Title/Abstract] OR "frenum*"[Title/Abstract] OR "frenotom*"[Title/Abstract]) AND (("breastfeed*"[Title/Abstract] OR "feeding"[Title/Abstract] OR "breast feeding"[MeSH Terms]) AND ("difficult*"[Title/Abstract] OR "problem*"[Title/Abstract]))) OR "ankylogloss*"[Title/Abstract] OR "tongue tie*"[Title/Abstract] OR "ankyloglossia"[MeSH Terms]) AND ("infant, newborn"[MeSH Terms] OR "Neonatal Nursing"[MeSH Terms] OR "infant*"[Title/Abstract] OR "newborn*"[Title/Abstract] OR "neonat*"[Title/Abstract] OR "infant"[MeSH Terms] OR "baby"[Title/Abstract] OR "babies"[Title/Abstract]) AND ("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type] OR "randomized"[Title/Abstract] OR "placebo"[Title/Abstract] OR "drug therapy"[MeSH Subheading] OR "randomly"[Title/Abstract] OR "trial"[Title/Abstract] OR "groups"[Title/Abstract]) AND ("english"[Language] OR "danish"[Language] OR "swedish"[Language] OR "norwegian"[Language])	English, Danish, Norwegian, Swedish	72
<b>Embase.com</b>	('tongue frenulum'/exp OR frenul* OR frenum* OR frenotom*:ti,ab,kw OR 'frenotomy'/exp) AND ('breast feeding'/exp OR 'ankyloglossia'/exp OR breastfeed* OR feeding OR breastfed* OR 'breast fed*' OR 'breast feed*':ti,ab,kw OR ankylogloss* OR 'tongue tie*':ti,ab,kw) AND ('infant'/exp OR 'newborn'/exp OR infant OR newborn OR neonat* OR 'new born' OR baby OR babies:ti,ab,kw) AND ('randomized controlled trial'/exp OR 'controlled clinical trial'/exp OR placebo OR randomized OR randomised OR randomly OR trial OR groups:ti,ab,kw) AND (english OR danish OR swedish OR norwegian:la)	English, Danish, Swedish, Norwegian	83
<b>Cinahl</b>	((MH "Ankyloglossia")) OR ((frenul* OR frenum* OR frenotom* OR frenotom*) AND (((MH "Breast Feeding+")) OR (breastfeed* OR breast feed OR feeding)) AND (difficult* OR problem* OR challeng*)) OR (tongue-tie* OR tongue tie* OR ankyloglossia)) AND (((MH "Infant, Newborn+")) OR ((MH "Neonatal Nursing+")) OR (infant* OR newborn OR neonate* OR baby OR babies) OR ((MH "Infant+"))) AND (((MH "Randomized Controlled Trials+")) OR (controlled clinical trial) OR (randomized OR placebo OR randomly OR trial OR groups OR randomised)) AND LA (danish or english or norwegian or swedish) AND PY 2000-2024	Danish or english or norwegian or swedish 2000-2024	53
<b>PsycINFO</b>	((frenul* OR frenum* OR frenotom*) AND (((breastfe* OR feeding OR breast fe*) N4 (problem* OR difficult*)) OR (DE "Breast Feeding")) OR ankylogloss*	None/Publication Year: 2023-2024	12

The effect of frenotomy in infants with ankyloglossia on maternal nipple pain - A systematic review

	OR (tongue tie*)) AND (neonatal* OR infan* OR baby OR babies OR new born OR newborn)		
<b>Web of Science (core collection) Indexes: SCI-EXPANDED; SSCI; AHI; CPCI-S; CPCI-SSH; ESCI.</b>	TS=(frenul* OR frenum* OR frenotom*) AND TS=(breast fed* OR feeding OR breastfed* OR "breast feed*" OR ankylogloss* OR tongue tie*) AND TS=(infant* OR newborn OR "new born" OR neonat* OR baby OR babies) AND TS=("randomized controlled trial*" OR RCT OR placebo OR randoml* OR "drug therapy" OR trial) AND LA=(english OR danish OR swedish OR norwegian) AND PY=(2000-2024)	English, Danish, Norwegian, Swedish 2000-2023/2000-2024	68
<b>Cochrane</b>	#1 MeSH descriptor: [Lingual Frenum] explode all trees #2 (frenul* OR frenum* OR frenotom*):ti,ab,kw #3 #1 OR #2 #4 MeSH descriptor: [Breast Feeding] explode all trees #5 ((breastfe* or feeding) NEAR/3 (difficult* OR problem*)):ti,ab,kw #6 (ankyloglos* OR tongue tie*):ti,ab,kw #7 #4 OR #5 OR #6 #8 MeSH descriptor: [Infant] explode all trees #9 MeSH descriptor: [Infant, Newborn] explode all trees #10 MeSH descriptor: [Neonatal Nursing] this term only #11 (infant* OR newborn* OR neonat* OR baby OR babies):ti,ab,kw #12 #8 OR #9 OR #10 OR #11 #13 #3 AND #7 AND #12 #14 (randomi*):ti,ab,kw #15 #13 AND #14	With Publication Year from 2000 to 2024, with Cochrane Library publication date Between Jan 2000 and Dec 2024, in Trials	30
Databases were searched on December 14 and 15, 2023. The searches were repeated on May 1 and 8, 2024.			

eTable 1. Search strategy

<b>Study</b>	<b>Bias arising from the randomization process</b>	<b>Bias due to deviations from intended interventions</b>	<b>Bias due to missing outcome data</b>	<b>Bias in measurement of the outcome</b>	<b>Bias in selection of the reported result</b>	<b>Overall Bias</b>
<b>Ghaheri</b>	Some concerns	Some concerns	Low	High	Low	<b>High</b>
<b>Emond</b>	Low	Some concerns	Low	High	Low	<b>High</b>
<b>Berry</b>	Low	Low	Low	Low	Some concerns	<b>Some concerns</b>
<b>Buryk</b>	Low	Some concerns	Low	Some concerns	Low	<b>Some concerns</b>
<b>Dollberg</b>	Low	Low	Low	Low	High	<b>High</b>

eTable 2. Risk of bias. Quality assessment of randomized controlled trials assessing the effect of frenotomy on maternal nipple pain using the Cochrane Risk of Bias Assessment Tool (RoB 2.0)