Supplemental Material S1. Database search strategies.

Database: Medline

Interface: PubMed

Search statement:

(((cleft[Title/Abstract] OR velopharyngeal[Title/Abstract] OR resonance disorder [Title/Abstract] OR oral-nasal balance[Title/Abstract]) AND (nasality[Title/Abstract] OR rating[Title/Abstract] OR perceptual[Title/Abstract] OR nasalization[Title/Abstract])) AND (nasalance[Title/Abstract] OR instrumental[Title/Abstract] OR nasometric[Title/Abstract] OR nasometry[Title/Abstract] OR nasometer[Title/Abstract])) AND (comparison[Title/Abstract] OR difference[Title/Abstract] OR correlation[Title/Abstract] OR relationship[Title/Abstract])

Search fields: Title or Abstract

Filters: Full text, Journal Article, Medline

Results: 67

Search time: 2022/01/06

Database: Scopus

Search statement:

(TITLE-ABS-KEY (cleft OR velopharyngeal OR (oral-nasal balance) OR (resonance disorder)) AND TITLE-ABS-KEY (nasality OR rating OR perceptual OR nasalization) AND TITLE-ABS-KEY (nasalance OR instrumental OR nasometer OR nasometric OR nasometry) AND TITLE-ABS-KEY (comparison OR difference OR correlation OR relationship)) AND (LIMIT-TO (DOCTYPE , "ar")) AND (LIMIT-TO (LANGUAGE , "English")) AND (LIMIT-TO (SRCTYPE , "j"))

Search fields: Title or Abstract or Keywords (TITLE-ABS-KEY)

Results: 157

Filter: journal, article, English

Search time: 2022/01/06

Database: LLBA

Search statement:

noft(cleft OR velopharyngeal OR (oral-nasal balance) OR (resonance disorder)) AND noft(nasality OR rating OR perceptual OR nasalization) AND noft(nasalance OR instrumental OR nanometer OR nasometric OR nasometry) AND (comparison OR difference OR correlation OR relationship)Search fields: Anywhere except full text (noft)

Results: 53

Filter: scholarly journals; article; English, peer-review

Search time: 2022/01/06

Database: CINHL

Search statement:

1. AB (cleft OR velopharyngeal OR (resonance disorder) OR (oral-nasal balance)) AND AB (nasality OR rating OR perceptual OR nasalization) AND AB (nasalance OR instrumental OR Nasometer OR nasometric OR nasometry) AND AB (comparison OR difference OR correlation OR relationship)
2. TI (cleft OR velopharyngeal OR (resonance disorder) OR (oral-nasal balance)) AND TI (nasality OR rating OR perceptual OR nasalization) AND TI (nasalance OR instrumental OR Nasometer OR nasometric OR nasometry)

Results: 20 (20 from 1st search, 1 from 2nd search (duplicated))

Search fields: Abstract (AB), Title (TI)

Filters: English language, peer reviewed, research article, exclude MEDLINE records

Search time: 2022/01/10

Database: PsycINFO

Search statement:

((cleft or velopharyngeal or (resonance disorder) or (oral-nasal balance)) and (nasality or rating or perceptual or nasalization) and (nasalance or instrumental or Nasometer or nasometric or nasometry) and (comparison or difference or correlation or relationship)).mp.

Results: 16

Search fields: title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh (the label in search statement is 'mp')

Filters: English, full text access, peer reviewed article

Search time: 2022/01/10

Database: Cochrane

Search statement:

((cleft or velopharyngeal or resonance disorder or oral-nasal balance) and (nasality or rating or perceptual or nasalization) and (nasalance or instrumental or Nasometer or nasometric or nasometry) and (comparison or difference or correlation or relationship)).af.

Results: 4

Search fields: all fields

Filter: Cochrane Reviews

Search time: 2022/01/10