

### Appendix I. Search Strategy

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to July 12, 2019> Results =12

#	Search Statement	Results
1	(((music or musical or harp or harps or recorder or recorders or synthesizer* or tuba or tubas) adj3 (performer* or artist* or player* or student* or teacher* or instructor*)).mp. or ((Musician* or instrumentalist* or accordionist* or bagpiper* or bassist* or bassoonist or cellist* or conguera* or conguero* or drummer* or fiddler* or Flautist* or flutist or harpist* or guitarist* or keyboardist* or keytarist* or organist or organists or percussionist* or pipers or saxaphonist* or trumpeter or trumpeters or tubaist or tubist or vibraphonist* or vibraharpist* or violinist* or (Accordion* or alphorn* or alpenhorn* or alpine horn* or Bagpipe* or Balalaika or (Bandura* not (Bandura* adj4 (self efficacy or theor*))) or Banjo* or Bariton* or Bass guitar* or Bassoon* or Berimbau or Bongo or Bongos or Boom whacker* or boomwhacker* or Bouzouki* or Bugle* or Cello or Cellos or Chapman Stick* or Cimbalom or Clarinet* or Clavichord or Concertina* or (Conga not glyceci*) or Contrabass* or Cor anglais* or Cornet* or Cymbal or Cymbals or Didgeridoo* or Djembe or Double bass* or Drum or Drums or Dulcimer* or Euphoni* or Fiddle or Fiddles or Fifes or Flute or Flutes or Flugelhorn* or French horn* or Fujara or Glockenspiel* or (Gaira not cuckoo*) or Guitar or Guitars or Hand Bell* or Harmonica* or Harmonium* or Harpsichord* or Hurdy gurd* or Jew's harp* or Kalimba* or Lute or Lutes or Lyre* or Mandolin* or Maraca or Maracas or Marimba* or Melodica* or Melodion or Oboe or Oboes or Ocarina* or Octobass* or ((organ or organs) adj2 (pipe or pipes or reed or pump)) or ((Pan or Parlour or Uilleann) adj2 Pipe*) or Pennywhistle* or Piano or Pianos or Piccolo* or Pungi* or Saxophone* or Sitar* or Sousaphone* or Spinet or Svirel or Tabla or Tambourine* or Thoramin or Thoramins or Timbale* or Timpani* or Tin Whistle* or Tinwhistle* or Trombon* or Trumpet* or Theremin* or Tubas or Tubular Bells or Tumbadora or Ukulele* or Vibraphone or ((Viola or Violas) not (oil or oils or oderata or violet*)) or (Violin* not plot*) or Whamola* or Woodwind* or Wood wind or Wood Winds or Xylophone* or Zeusaphone or Zither*).mp. or (exp Music/ and (performer* or artist* or player* or student* or teacher* or instructor*).mp.)) not (fish* or poultry or chicken* or bird or birds or laboratory animals).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	14694
2	Occupational Therapy.mp. or exp Occupational Therapy/	16697
3	Occupational therapist*.mp.	5386
4	2 or 3	18814
5	1 and 4	17
6	(Alzheimer* or "nursing home*" or "music* therap*").mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	194983

7	5 not 6	12
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## Appendix II. Proposed data extraction tool

<b>Study ID:</b>	<b>Date form completed:</b>	
<b>First author:</b>	<b>Year of study:</b>	<b>Reviewer:</b>

### 1. General Information

Publication type:	Journal Article <input type="checkbox"/> Abstract <input type="checkbox"/> Other (specify e.g. book chapter) _____
Country of study:	

### 2. Study Eligibility

Study Characteristics			
<b>Type of study</b>	Is the study health related?	Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Exclude</b> <input type="checkbox"/> Unclear <input type="checkbox"/> Details:	
<b>Participants</b>	Are participants defined as instrumental musicians?	Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Exclude</b> <input type="checkbox"/> Unclear <input type="checkbox"/> Details:	
<b>Health care provider</b>	Do occupational therapists have explicit involvement?	Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Exclude</b> <input type="checkbox"/> Unclear <input type="checkbox"/> Details:	
	Is there potential for occupational therapist involvement?	Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Exclude</b> <input type="checkbox"/> Unclear <input type="checkbox"/> Details:	
<b>Music Therapy</b>	Does it explicitly include music therapy	No <input type="checkbox"/> Yes <input type="checkbox"/> <b>Exclude</b> <input type="checkbox"/> Unclear <input type="checkbox"/> Details:	

### SUMMARY OF ASSESSMENT FOR INCLUSION

Include in review <input type="checkbox"/> Exclude from review <input type="checkbox"/>	
Independently assessed, and then compared? Yes <input type="checkbox"/> No <input type="checkbox"/>	Differences resolved Yes <input type="checkbox"/> No <input type="checkbox"/>
Request further details? Yes <input type="checkbox"/> No <input type="checkbox"/>	Contact details of authors:
<b>Notes:</b>	