

Online supplement 1. Full list of the citations of all studies identified from the literature search including their inclusion/exclusion status with reasons for exclusion.

Identified by PubMed:

1. Amorim MI, Jorge AI (2016) Association between temporomandibular disorders and music performance anxiety in violinists. *Occup Med (Lond)*. 66:558-563.
 - ▶ Excluded based on title and abstract, because of addressing other topic
2. Shafi I, Welbury R (2015) Idiopathic Radiographic Apical Root Resorption in Wind Instrument Players. *Dent Update*. 42:972-976.
 - ▶ Excluded based on title and abstract, because of addressing other topic
3. Kula K, Cilingir HZ, Eckert G, Dagg J, Ghoneima A (2016) The association of malocclusion and trumpet performance. *Angle Orthod*. 86:108-114.
 - ▶ Included
4. Kula K, Cilingir HZ, Eckert G, Dagg J, Ghoneima A (2015) The association of malocclusion and trumpet performance. *Angle Orthod*. [Epub ahead of print]
 - ▶ Excluded after full text reading, because this is the same paper as Kula et al. (2016).
5. Głowacka A, Matthews-Kozanecka M, Kawala M, Kawala B (2014) The impact of the long-term playing of musical instruments on the stomatognathic system - review. *Adv Clin Exp Med*. 23:143-146.
 - ▶ Excluded based on title and abstract, because of being a review paper
6. Killion MC (2012) Factors influencing use of hearing protection by trumpet players. *Trends Amplif*. 16:173-178.
 - ▶ Excluded based on title and abstract, because of addressing other topic
7. Grammatopoulos E, White AP, Dhopatkar A. (2012) Effects of playing a wind instrument on the occlusion. *Am J Orthod Dentofacial Orthop*. 141:138-145.
 - ▶ Excluded based on title and abstract, because of addressing the reverse question
8. Rodríguez-Lozano FJ, Sáez-Yuguero MR, Bermejo-Fenoll A (2011) Orofacial problems in musicians: a review of the literature. *Med Probl Perform Art*. 26:150-156.
 - ▶ Excluded based on title and abstract, because of being a review paper
9. Authors unknown (2009) Malocclusion and wind instruments investigated. *Br Dent J*. 207:414.
 - ▶ Excluded after full text reading, because of being an editorial
10. Raney NA (2006) The effects of orthodontic appliances on wind-instrument players. *J Clin Orthod*. 40:384-387.
 - ▶ Excluded based on title, because of addressing other topic
11. Raney N (2005) Impact of orthodontic braces on wind instrument players. *Tex Dent J*. 122:676-679.
 - ▶ Excluded based on title, because of addressing other topic
12. Sbeity ZH, Mansour AM (2004) Recurrent retinal vein occlusion after playing a wind instrument. *Graefes Arch Clin Exp Ophthalmol*. 42:428-431.
 - ▶ Excluded based on title and abstract, because of addressing other topic
13. Yeo DK, Pham TP, Baker J, Porters SA (2002) Specific orofacial problems experienced by musicians. *Aust Dent J*. 47:2-11.

- ▶ Excluded based on title and abstract, because of being a review paper
- 14. Green HM, Green SE (1999) The interrelationship of wind instrument technic, orthodontic treatment, and orofacial myology. *Int J Orofacial Myology*. 25:18-29.
 - ▶ Excluded based on title and abstract, because of being a review paper
- 15. Feldmann H (1997) History of the tuning fork. II: Evolution of the classical experiments by Weber, Rinne and Schwabach. *Laryngorhinootologie* 76:318-326.
 - ▶ Excluded based on title and abstract, because of addressing other topic
- 16. O'Brien M (1993) Orthodontic considerations in selecting wind instruments. *J Gen Orthod*. 4:11-13.
 - ▶ Excluded because full text was not retrievable
- 17. Robinson SN (1993) Orthodontic treatment and the wind instrument. *Dent Update*. 20:116-120.
 - ▶ Excluded after full text reading, because of being a review paper
- 18. Mole C, Louis JP, Frey JM (1990) Physiological techniques of complete denture design for musicians, wind instrument players. *Inf Dent*. 72:2601-2606.
 - ▶ Excluded based on title, because of addressing other topic
- 19. Ogino H (1990) The influence of playing the clarinet on the dentomaxillofacial morphology and function. *Ou Daigaku Shigakushi* 17:131-154.
 - ▶ Excluded based on title and abstract, because of addressing the reverse question
- 20. Schönekerl H (1990) Experimental examinations about the influence of prosthetic therapeutic remedies for players on a wind-instrument as to the quality of the instrumental sound. *Stomatol DDR*. 40:88-90.
 - ▶ Excluded based on title and abstract, because of addressing other topic
- 21. Rindisbacher T, Hirschi U, Ingervall B, Geering A (1990) Little influence on tooth position from playing a wind instrument. *Angle Orthod*. 60:223-228.
 - ▶ Excluded based on title and abstract, because of addressing the reverse question
- 22. Brattström V, Odenrick L, Kvam E (1989) Dentofacial morphology in children playing musical wind instruments: a longitudinal study. *Eur J Orthod*. 11:179-185.
 - ▶ Excluded based on title and abstract, because of addressing the reverse question
- 23. Grundig C (1982) Dental risk factors in woodwind and brass-wind instrument players. *Stomatol DDR*. 32:387-391.
 - ▶ Excluded because full text was not retrievable
- 24. Herman E (1981) Influence of musical instruments on tooth positions. *Am J Orthod*. 80:145-155.
 - ▶ Excluded based on title and abstract, because of addressing the reverse question
- 25. DiStasio ER (1981) Wind instruments: another look. *J Mass Dent Soc*. 30:152-155.
 - ▶ Excluded based on title, because of being a review paper
- 26. De Roos P (1980) Some dental aspects of wind instrument playing. A preliminary report. *Ned Tijdschr Tandheelkd*. 87:299-302.
 - ▶ Excluded after full text reading, because of addressing other topic
- 27. Gualtieri PA (1979) May Johnny or Janie play the clarinet? The Eastman Study: a report on the orthodontic evaluations of college-level and professional musicians who play brass and woodwind instruments. *Am J Orthod*. 76:260-276.
 - ▶ Excluded based on title and abstract, because of addressing the reverse question

28. Lapter V, Kalousek M (1979). An orthodontic approach to playing musical wind-instruments. *Lijec Vjesn.* 101:441-442.
- ▶ Excluded because full text was not retrievable
29. Ma HC, Laracuenta JM (1979) The influence of playing musical wind instruments on oral tissues. *Gen Dent.* 27:46-50.
- ▶ Excluded based on title, because of addressing other topic
30. Shimada T (1978) A morphological study on the effect of wind instruments on the dento-oral region--with reference to the growing young people. *J Nihon Univ Sch Dent.* 20:23-36.
- ▶ Excluded based on title, because of addressing the reverse question
31. Haas W, Landeck E (1976) The question of stomatologic-neurological cooperation during diagnosis and therapy of functional disorders in the oral and perioral region in players of wind instruments. *Stomatol DDR.* 26:256-259.
- ▶ Excluded based on title, because of addressing other topic
32. Pang A (1976) Relation of musical wind instruments to malocclusion. *J Am Dent Assoc.* 92:565-570.
- ▶ Excluded based on title and abstract, because of addressing the reverse question
33. Landeck E, Riedrich P (1975) Teleradiodiagnosis for players of brass instruments. *Stomatol DDR.* 25:321-327.
- ▶ Excluded based on title and abstract, because of addressing other topic
34. Salzmann JA (1974) Editorial: Malocclusion, tongue thrusting, and wind instrument playing. *Am J Orthod.* 66:456-457.
- ▶ Excluded based on title, because of being an editorial
35. Herman E (1974) Orthodontic aspects of musical instrument selection. *Am J Orthod.* 65:519-530.
- ▶ Excluded after full text reading, because of being a review paper
36. Lovius BB, Huggins DG (1973) Orthodontics and the wind instrumentalist. *J Dent.* 2:65-68.
- ▶ Included
37. Landeck E, Weggen E (1973) Methodical auxiliary apparatus--an aid for the wind instrument player. *Dtsch Stomatol.* 23:438-443.
- ▶ Excluded based on title, because of addressing other topic
38. Kudrnác V, Zapletal L (1972) Changes of teeth of players of wind instruments. *Cesk Stomatol.* 72:177-182.
- ▶ Excluded based on title, because of addressing the reverse question
39. Schöttner HJ (1971) Studies on players of wind instruments. *Dtsch Stomatol.* 21:931-936.
- ▶ Excluded because full text was not retrievable
40. Ebersbach W (1971) Clinical-experimental studies on players of wind instruments about the effect of sagittal force on the periodontium of the incisors; therapeutic deductions. *Dtsch Stomatol.* 21:398-401.
- ▶ Excluded based on title, because of addressing other topic
41. Musil R, Oswald R (1969) Extension-mouth-pieces for players of wood and brass wind instruments. Function and technical manufacturing instructions. *Zahntechnik (Berl).* 10:478-490.
- ▶ Excluded based on title, because of addressing other topic
42. Bielecka-Deluga L (1969) Types of mouthpieces, technics of playing on wind instruments and oral cavity environment. *Protet Stomatol.* 19:323-328.

- ▶ Excluded based on title, because of addressing other topic
- 43. Sand C (1969) Orthodontic, stomatologic and prosthetic problems for players of wind instruments. *Acta Stomatol Belg.* 66:143-206.
- ▶ Excluded because full text was not retrievable
- 44. Porter MM (1968) Dental problems in wind instrument playing. 11. Brass instruments. *Br Dent J.* 124:271-274.
- ▶ Excluded after full text reading, because of being a review paper
- 45. Porter MM (1968). Dental problems in wind instrument playing. 10. Brass instruments (continued) *Br Dent J.* 124:227-231.
- ▶ Excluded after full text reading, because of being a review paper
- 46. Porter MM (1968) Dental problems in wind instrument playing. 6--Single-reed instruments—The embouchure denture. *Br Dent J.* 124:34-36.
- ▶ Excluded based on title, because of addressing other topic
- 47. Thrun I, Romankiewicz GE (1966) Changes in the oral cavity caused by the playing of wind-instruments. *Czas Stomatol.* 19:831-837.
- ▶ Excluded based on title, because of addressing the reverse question
- 48. Engelman JA (1965) Measurement of perioral pressures during playing of musical wind instruments. *Am J Orthod.* 51:856-864.
- ▶ Excluded based on title, because of addressing other topic
- 49. Kessler HE (1965) Look for harmony: musical wind instruments and dental development. *Dent Surv.* 41:47-49.
- ▶ Excluded based on title, because of addressing the reverse question
- 50. Boehme W (1965) Current findings on the prosthetic management of musicians playing on wind instruments. *Dtsch Stomatol.* 15:179-183.
- ▶ Excluded based on title, because of addressing other topic
- 51. Schneider GA (1964) Dental measures and experiences in the treatment and rehabilitation of players of wind instruments. *Z Gesamte Hyg.* 10:260-271.
- ▶ Excluded based on title, because of addressing other topic

Additionally identified by Embase:

- 52. Fuhrmann S, Schüpbach A, Thüer U, Ingervall B (1987) Natural lip function in wind instrument players. *European journal of orthodontics* 9:216-223.
- ▶ Excluded based on title, because of addressing other topic
- 53. Farkas P (1986) Medical problems of wind players: A musician's perspective. *Cleveland Clinic Quarterly* 53:33-37.
- ▶ Excluded based on title and abstract, because of being a review paper
- 54. Dunn RH (1982) Selecting a musical wind instrument for a student with orofacial muscle problems. *International journal of orthodontics* 20:19-22.
- ▶ Excluded based on title, because of addressing other topic

No studies were identified in the Cochrane Library