

## **Risikofaktor Gelenküberbeweglichkeit** **Kiefergelenkprobleme durch Hypermobilität?**

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### **Literatur**

- Buckingham RB, Braun T, Harinstein DA, Oral K, Bauman D, Bartynski W, et al. Temporomandibular joint dysfunction syndrome: a close association with systemic joint laxity (the hypermobile joint syndrome). *Oral Surg Oral Med Oral Pathol* 1991;72(5):514-9.
- Castori M. Ehlers-danlos syndrome, hypermobility type: an underdiagnosed hereditary connective tissue disorder with mucocutaneous, articular, and systemic manifestations. *ISRN dermatology* 2012;2012:751768.
- Dijkstra PU, Kropmans TJ, Stegenga B. The association between generalized joint hypermobility and temporomandibular joint disorders: a systematic review. *J Dent Res* 2002;81(3):158-63.
- Jessee EF, Owen DS, Jr., Sagar KB. The benign hypermobile joint syndrome. *Arthritis Rheum* 1980;23(9):1053-6.
- Hirsch C, Hirsch M, John MT, Bock JJ. Reliability of the Beighton Hypermobility Index to determinate the general joint laxity performed by dentists. *J Orofac Orthop* 2007;68(5):342-52.
- Hirsch C, John MT, Stang A. Association between generalized joint hypermobility and signs and diagnoses of temporomandibular disorders. *Eur J Oral Sci* 2008;116(6):525-30.
- Huddleston Slater JJ, Lobbezoo F, Onland-Moret NC, Naeije M. Anterior disc displacement with reduction and symptomatic hypermobility in the human temporomandibular joint: prevalence rates and risk factors in children and teenagers. *J Orofac Pain* 2007;21(1):55-62.
- Kalaykova SI, Lobbezoo F, Naeije M. Risk factors for anterior disc displacement with reduction and intermittent locking in adolescents. *J Orofac Pain* 2011;25(2):153-60.

- Kavuncu V, Sahin S, Kamanli A, Karan A, Aksoy C. The role of systemic hypermobility and condylar hypermobility in temporomandibular joint dysfunction syndrome. *Rheumatol Int* 2006;26(3):257-60.
- Manfredini D, Guarda-Nardini L. Agreement between Research Diagnostic Criteria for Temporomandibular Disorders and magnetic resonance diagnoses of temporomandibular disc displacement in a patient population. *Int J Oral Maxillofac Surg* 2008;37(7):612-6.
- Perrini F, Tallents RH, Katzberg RW, Ribeiro RF, Kyrkanides S, Moss ME. Generalized joint laxity and temporomandibular disorders. *J Orofac Pain* 1997;11(3):215-21.
- Sáez-Yuguero Mdel R, Linares-Tovar E, Calvo-Guirado JL, Bermejo-Fenoll A, Rodriguez-Lozano FJ. Joint hypermobility and disk displacement confirmed by magnetic resonance imaging: a study of women with temporomandibular disorders. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2009;107(6):e54-7.
- Seow CC, Chow PK, Khong KS. A study of joint mobility in a normal population. *Ann Acad Med Singapore* 1999;28(2):231-6.
- Wang HY, Shih TT, Wang JS, Shiau YY, Chen YJ. Temporomandibular joint structural derangement and general joint hypermobility. *J Orofac Pain* 2012;26(1):33-8.
- Winocur E, Gavish A, Halachmi M, Bloom A, Gazit E. Generalized joint laxity and its relation with oral habits and temporomandibular disorders in adolescent girls. *J Oral Rehabil* 2000;27(7):614-22.