

*Neue Klassifikation, Richtlinien, Komorbiditäten - Publikationen:*

Ergebnisse der internationalen EDS-Konferenz 2016

CASTORI, Marco, et al. A framework for the classification of joint hypermobility and related conditions. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

TINKLE, Brad, et al. Hypermobile Ehlers–Danlos syndrome (aka Ehlers–Danlos syndrome Type III and Ehlers–Danlos syndrome hypermobility type): Clinical description and natural history. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

BULBENA, Antonio, et al. Psychiatric and psychological aspects in the Ehlers–Danlos syndromes. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

CHOPRA, Pradeep, et al. Pain management in the Ehlers–Danlos syndromes. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

FIKREE, Asma, et al. Gastrointestinal involvement in the Ehlers–Danlos syndromes. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

HAKIM, Alan, et al. Cardiovascular autonomic dysfunction in Ehlers–Danlos syndrome—hypermobility type. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

HAKIM, Alan, et al. Chronic fatigue in Ehlers–Danlos syndrome—hypermobility type. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

Henderson FC, Austin C, Benzel E, Bolognese P, Ellenbogen R, Francomano CA, Ireton C, Klinge P, Koby M, Long D, Patel S. Neurological and spinal manifestations of the Ehlers–Danlos syndromes. In American Journal of Medical Genetics Part C: Seminars in Medical Genetics 2017 Feb 1.

BLOOM, Lara, et al. The international consortium on the Ehlers–Danlos syndromes. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017. S. 5-7.

BOWEN, Jessica M., et al. Ehlers–Danlos syndrome, classical type. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017.

BRADY, Angela F., et al. The Ehlers–Danlos syndromes, rare types. In: American Journal of Medical Genetics Part C: Seminars in Medical Genetics. 2017. S. 70-115.



<http://www.ehlers-danlos-initiative.de>

[www.instabile-halswirbelsaeule.de](http://www.instabile-halswirbelsaeule.de)

[www.holy-shit-i-am-sick.de](http://www.holy-shit-i-am-sick.de)

Juul–Kristensen, Birgit, et al. „Measurement properties of clinical assessment methods for classifying generalized joint hypermobility—A systematic review.“ *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. Vol. 175. No. 1. 2017.

ENGELBERT, Raoul HH, et al. The evidence–based rationale for physical therapy treatment of children, adolescents, and adults diagnosed with joint hypermobility syndrome/hypermobile Ehlers Danlos syndrome. In: *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. 2017. S. 158-167.

Ericson, William B., and Roger Wolman. „Orthopaedic management of the Ehlers–Danlos syndromes.“ *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. 2017.

MITAKIDES, John; TINKLE, Brad T. Oral and mandibular manifestations in the Ehlers–Danlos syndromes. In: *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. 2017.

SENEVIRATNE, Suranjith L.; MAITLAND, Anne; AFRIN, Lawrence. Mast cell disorders in Ehlers–Danlos syndrome. In: *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. 2017. S. 226-236.

BYERS, Peter H., et al. Diagnosis, natural history, and management in vascular Ehlers–Danlos syndrome. In: *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. 2017. S. 40-47.

### *Quellen für diesen Vortrag - EDS und zahnmedizinische Komplikationen:*

KLINGBERG, Gunilla, et al. Aspects on dental hard tissues in primary teeth from patients with Ehlers–Danlos syndrome. *International journal of paediatric dentistry*, 2009, 19. Jg., Nr. 4, S. 282-290.

MITAKIDES, John; TINKLE, Brad T. Oral and mandibular manifestations in the Ehlers–Danlos syndromes. In: *American Journal of Medical Genetics Part C: Seminars in Medical Genetics*. 2017. S. 220-225.

ŞAKAR, Olcay, et al. Familial gigantiform cementoma with Ehlers-Danlos syndrome: A report of 2 cases. *The journal of advanced prosthodontics*, 2015, 7. Jg., Nr. 2, S. 178-182.

KAPFERER-SEEBACHER, Ines, et al. Periodontal Ehlers-Danlos syndrome is caused by mutations in C1R and C1S, which encode subcomponents C1R and C1S of complement. *The American Journal of Human Genetics*, 2016, 99. Jg., Nr. 5, S. 1005-1014.



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[www.instabile-halswirbelsaeule.de](http://www.instabile-halswirbelsaeule.de)

[www.holy-shit-i-am-sick.de](http://www.holy-shit-i-am-sick.de)

SCHIFFMAN, Eric, et al. Diagnostic criteria for temporomandibular disorders (DC/TMD) for clinical and research applications: recommendations of the International RDC/TMD Consortium Network and Orofacial Pain Special Interest Group. *Journal of oral & facial pain and headache*, 2014, 28. Jg., Nr. 1, S. 6.

FERRÉ, François Côme, et al. Oral phenotype and scoring of vascular Ehlers–Danlos syndrome: a case–control study. *BMJ open*, 2012, 2. Jg., Nr. 2, S. e000705.

REINSTEIN, Eyal, et al. Ehlers–Danlos syndrome type VIII is clinically heterogeneous disorder associated primarily with periodontal disease, and variable connective tissue features. *European Journal of Human Genetics*, 2013, 21. Jg., Nr. 2, S. 233-236.

JENSEN, Janicke Liaaen; STORHAUG, Kari. Dental implants in patients with Ehlers-Danlos syndrome: a case series study. *International Journal of Prosthodontics*, 2012, 25. Jg., Nr. 1.

ABEL, Mark D.; CARRASCO, Lee R. Ehlers-Danlos syndrome: classifications, oral manifestations, and dental considerations. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology*, 2006, 102. Jg., Nr. 5, S. 582-590.

AWAL, D.; LLOYD, T. W.; PETERSEN, H. J. The role of the dental practitioner in diagnosing connective tissue and other systemic disorders: a case report of a patient diagnosed with type III Ehlers–Danlos syndrome. *Oral Surgery*, 2015, 8. Jg., Nr. 2, S. 96-101.

BUCKINGHAM, Robert B., et al. Temporomandibular joint dysfunction syndrome: a close association with systemic joint laxity (the hypermobile joint syndrome). *Oral surgery, oral medicine, oral pathology*, 1991, 72. Jg., Nr. 5, S. 514-519.

## *Vorträge und Präsentationen rund um EDS - Links:*

### **EDS Allgemein:**

Diesjährige EDS-Konferenz mit Vorträgen zu jedem Thema von allen weltweiten Spezialisten:

<https://www.ehlers-danlos.com/2017-eds-global-conference/>

Alle aktuellen Publikationen der internationalen Konferenz, bei der die neuen Diagnostik-Richtlinien festgelegt wurden:

<http://onlinelibrary.wiley.com/doi/10.1002/ajmg.c.v175.1/issuetoc>

Konferenz 2015:

<https://www.ehlers-danlos.com/2015-annual-conference/>

Konferenz 2014:

<https://www.ehlers-danlos.com/2014-annual-conference/>



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[www.holy-shit-i-am-sick.de](http://www.holy-shit-i-am-sick.de)

Webinare zu allen Themen rund um EDS:

<http://www.chronicpainpartners.com/webinars/>

Wissenschaftliche Publikationen zu EDS:

<http://www.instabile-halswirbelsaeule.de/eds-publikationen-2/>

Vorträge zu EDS allgemein, aber mit Schwerpunkt auf Chiari, CCI, Syringomyelia:

<http://csfinfo.org/videos/physician-lecture-videos/csf-lectures-archive/>

### MCAS:

[http://www.chronicpainpartners.com/?s=&presenter\\_name=afrin-lawrence-md&presenter\\_topic=all&presenter\\_location=all&speciality=all&submit=Search&post\\_type=webinar](http://www.chronicpainpartners.com/?s=&presenter_name=afrin-lawrence-md&presenter_topic=all&presenter_location=all&speciality=all&submit=Search&post_type=webinar)

[http://www.chronicpainpartners.com/?s=&presenter\\_name=maitland-anne-md&presenter\\_topic=all&presenter\\_location=all&speciality=all&submit=Search&post\\_type=webinar](http://www.chronicpainpartners.com/?s=&presenter_name=maitland-anne-md&presenter_topic=all&presenter_location=all&speciality=all&submit=Search&post_type=webinar)

### Dysautonomie:

<https://vimeo.com/search?q=dysautonomia+international>

<http://dysautonomiainternational.org>

### Pain:

[https://www.ehlers-danlos.com/2013-annual-conference-files/Chopra\\_Chronic\\_pain\\_and\\_EDS\\_Final\\_1slideS.pdf](https://www.ehlers-danlos.com/2013-annual-conference-files/Chopra_Chronic_pain_and_EDS_Final_1slideS.pdf)

<https://www.ehlers-danlos.com/2014-annual-conference-files/Alan%20Pocinki.pdf>

<https://www.ehlers-danlos.com/2015-annual-conference-files/Chopra.pdf>

### Physio:

<https://www.amazon.de/Hypermobility-Handbook-Management-Ehlers-Danlos-Syndrome/dp/098257715X/>

[https://www.amazon.com/Living-Life-Fullest-Ehlers-Danlos-Syndrome/dp/1478758880/ref=se\\_srl\\_l\\_l?ie=UTF8&qid=1450279760&sr=8-1&keywords=living+life+to+the+fullest+with+ehlers+danlos+syndrome](https://www.amazon.com/Living-Life-Fullest-Ehlers-Danlos-Syndrome/dp/1478758880/ref=se_srl_l_l?ie=UTF8&qid=1450279760&sr=8-1&keywords=living+life+to+the+fullest+with+ehlers+danlos+syndrome)



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<http://csfinfo.org/research/csf-funded-research/csf-research-colloquium-co-morbidities-chiari/physical-therapy-after-surgery-chiari-eds/>

<http://csfinfo.org/videos/physician-lecture-videos/csf-lectures-archive/physical-therapy-cranio-cervical-instability-chiari-csf/>

### CCI und Chiari:

[https://www.ehlers-danlos.com/2015-annual-conference-files/Henderson\\_0.pdf](https://www.ehlers-danlos.com/2015-annual-conference-files/Henderson_0.pdf)

<http://csfinfo.org/videos/physician-lecture-videos/csf-lectures-archive/csf-musc-symposium-dr-fraser-henderson/>

### *Dr. Mitakides Vorträge - Links:*

<https://www.youtube.com/watch?v=tvqmoWxakBY&feature=youtu.be>

[https://www.youtube.com/watch?v=pdT\\_03D1Hzg&feature=youtu.be](https://www.youtube.com/watch?v=pdT_03D1Hzg&feature=youtu.be)

<http://www.csfinfo.org/research/csf-funded-research/csf-research-colloquium/csf-colloquium-mechanisms-pathophysiology/2015-colloquium-musculo-ligamentous-pain-and-chiari/>

<http://www.ednf.org/sites/default/files/Mitakides.pdf>

<http://ednf.org/sites/default/files/John%20Mitakides.pdf>

[http://www.ednf.org/sites/default/files/Mitakides\\_EDS\\_TMJ\\_FINAL\\_2slidesS.pdf](http://www.ednf.org/sites/default/files/Mitakides_EDS_TMJ_FINAL_2slidesS.pdf)

[http://ednf.org/sites/default/files/Mitakides\\_EDS\\_TMJ\\_FINAL\\_AUG\\_8\\_2012.pdf](http://ednf.org/sites/default/files/Mitakides_EDS_TMJ_FINAL_AUG_8_2012.pdf)

<https://www.ehlers-danlos.com/wp-content/uploads/Mitakides-TMJ-and-CCI-in-Chiari-Hypermobility-and-EDS-Patients-S.pdf>

### *Kleine Auswahl an Publikationen zu Komorbiditäten:*

#### Osteoporose

Coelho PC, Santos RA, Gomes JA. Osteoporosis and Ehlers-Danlos syndrome. Annals of the rheumatic diseases. 1994 Mar;53(3):212.

Theodorou SJ, Theodorou DJ, Kakitsubata Y, Adams JE. Low bone mass in Ehlers-Danlos syndrome. Internal Medicine. 2012;51(22):3225-6.



## Arthrose

Castori, Marco, et al. „Management of pain and fatigue in the joint hypermobility syndrome (aka Ehlers–Danlos syndrome, hypermobility type): principles and proposal for a multidisciplinary approach.“ *American Journal of Medical Genetics Part A* 158.8 (2012): 2055-2070.

## Chiari / CCI / HWS-Instabilitäten / TC

Milhorat TH, Bolognese PA, Nishikawa M, McDonnell NB, Francomano CA. Syndrome of occipitoatlantoaxial hypermobility, cranial settling, and chiari malformation type I in patients with hereditary disorders of connective tissue.

Castori M, Morlino S, Ghibellini G, Celletti C, Camerota F, Grammatico P. Connective tissue, Ehlers–Danlos syndrome (s), and head and cervical pain. In *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* 2015 Mar 1 (Vol. 169, No. 1, pp. 84-96).

Henderson FC, Geddes JF, Vaccaro AR, Woodard E, Berry KJ, Benzel EC. Stretch-associated injury in cervical spondylotic myelopathy: new concept and review. *Neurosurgery*. 2005 May 1;56(5):1101-13.

Milhorat TH, Bolognese PA, Nishikawa M, Francomano CA, McDonnell NB, Roonprapunt C, Kula RW. Association of Chiari malformation type I and tethered cord syndrome: preliminary results of sectioning filum terminale. *Surgical neurology*. 2009 Jul 31;72(1):20-35.

## Mastzellaktivierungssyndrom

Valent P. Mast cell activation syndromes: definition and classification. *Allergy*. 2013 Apr 1;68(4):417-24.

Molderings GJ, Homann J, Brettner S, Raithel M, Frieling T. Systemische Mastzellaktivierungserkrankung: Ein praxisorientierter Leitfaden zu Diagnostik und Therapie. *DMW-Deutsche Medizinische Wochenschrift*. 2014 Jul;139(30):1523-38.

Molderings GJ, Brettner S, Homann J, Afrin LB. Mast cell activation disease: a concise practical guide for diagnostic workup and therapeutic options. *J Hematol Oncol*. 2011 Mar 22;4(10).

Afrin LB, Pöhlau D, Raithel M, Haenisch B, Dumoulin FL, Homann J, Mauer UM, Harzer S, Molderings GJ. Mast cell activation disease: An underappreciated cause of neurologic and psychiatric symptoms and diseases. *Brain, behavior, and immunity*. 2015 Nov 30;50:314-21.

## Blutungsneigung / Thrombozytenfehlfunktion



<http://www.ehlers-danlos-initiative.de>

[www.instabile-halswirbelsaeule.de](http://www.instabile-halswirbelsaeule.de)

[www.holy-shit-i-am-sick.de](http://www.holy-shit-i-am-sick.de)

Lindsay H, Lee-Kim YJ, Srivaths LV. Perioperative Hemostatic Management in Ehlers-Danlos Syndrome: A Report of 2 Cases and Literature Review. *Journal of pediatric hematology/oncology*. 2015 Sep 2.

Paepe AD, Malfait F. Bleeding and bruising in patients with Ehlers–Danlos syndrome and other collagen vascular disorders. *British journal of haematology*. 2004 Dec 1;127(5):491-500.

### **Dysautonomie**

De Wandele I, Rombaut L, Leybaert L, Van de Borne P, De Backer T, Malfait F, De Paepe A, Calders P. Dysautonomia and its underlying mechanisms in the hypermobility type of Ehlers–Danlos syndrome. In *Seminars in arthritis and rheumatism* 2014 Aug 31 (Vol. 44, No. 1, pp. 93-100). WB Saunders.

De Wandele I, Calders P, Peersman W, Rimbaut S, De Backer T, Malfait F, De Paepe A, Rombaut L. Autonomic symptom burden in the hypermobility type of Ehlers–Danlos syndrome: A comparative study with two other EDS types, fibromyalgia, and healthy controls. In *Seminars in arthritis and rheumatism* 2014 Dec 31 (Vol. 44, No. 3, pp. 353-361). WB Saunders.

Gazit Y, Nahir AM, Grahame R, Jacob G. Dysautonomia in the joint hypermobility syndrome. *The American journal of medicine*. 2003 Jul 31;115(1):33-40.

Wallman D, Weinberg J, Hohler AD. Ehlers–Danlos Syndrome and Postural Tachycardia Syndrome: A relationship study. *Journal of the neurological sciences*. 2014 May 15;340(1):99-102.

### **Gastroparese**

Wang LB, Culbertson CJ, Deb A, Morgenshtern K, Huang H, Hohler AD. Gastrointestinal dysfunction in postural tachycardia syndrome. *Journal of the neurological sciences*. 2015 Dec 15;359(1):193-6.

Loavenbruck A, Iturrino J, Singer W, Sletten DM, Low PA, Zinsmeister AR, Bharucha AE. Disturbances of gastrointestinal transit and autonomic functions in postural orthostatic tachycardia syndrome. *Neurogastroenterology & Motility*. 2015 Jan 1;27(1):92-8.

Park KJ, Singer W, Sletten DM, Low PA, Bharucha AE. Gastric emptying in postural tachycardia syndrome: a preliminary report. *Clinical Autonomic Research*. 2013 Aug 1;23(4):163-7.

### **Neurologische und neuromuskuläre Beschwerden (Neuropathie, Epilepsie, CSF leaks...)**

Castori M, Voermans NC. Neurological manifestations of Ehlers-Danlos syndrome (s): A review. *Iranian journal of neurology*. 2014 Oct 6;13(4):190.



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Voermans NC. Neuromuscular features of Ehlers-Danlos syndrome and Marfan syndrome, expanding the phenotype of inherited connective tissue disorders and investigating the role of the extracellular matrix in muscle. [Sl: sn]; 2011.

Voermans NC, van Alfen N, Pillen S, Lammens M, Schalkwijk J, Zwarts MJ, van Rooij IA, Hamel BC, van Engelen BG. Neuromuscular involvement in various types of Ehlers–Danlos syndrome. *Annals of neurology*. 2009 Jun 1;65(6):687-97.

Donkervoort S, Bonnemann CG, Loeys B, Jungbluth H, Voermans NC. The neuromuscular differential diagnosis of joint hypermobility. In *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* 2015 Mar 1 (Vol. 169, No. 1, pp. 23-42).

### **Chronische Schmerzen / Müdigkeit / Erschöpfung**

Castori M, Morlino S, Celletti C, Ghibellini G, Bruschini M, Grammatico P, Blundo C, Camerota F. Re-writing the natural history of pain and related symptoms in the joint hypermobility syndrome/Ehlers–Danlos syndrome, hypermobility type. *American Journal of Medical Genetics Part A*. 2013 Dec 1;161(12):2989-3004.

Castori M. Ehlers-danlos syndrome, hypermobility type: an underdiagnosed hereditary connective tissue disorder with mucocutaneous, articular, and systemic manifestations. *ISRN dermatology*. 2012 Nov 22;2012.

Stoler JM, Oaklander AL. Patients with Ehlers Danlos syndrome and CRPS: a possible association?. *Pain*. 2006 Jul 31;123(1):204-9.

Rowe PC, Barron DF, Calkins H, Maumenee IH, Tong PY, Geraghty MT. Orthostatic intolerance and chronic fatigue syndrome associated with Ehlers-Danlos syndrome. *The Journal of pediatrics*. 1999 Oct 31;135(4):494-9.

Barron DF, Cohen BA, Geraghty MT, Violand R, Rowe PC. Joint hypermobility is more common in children with chronic fatigue syndrome than in healthy controls. *The Journal of pediatrics*. 2002 Sep 30;141(3):421-5.

Nijs J, Aerts A, De Meirleir K. Generalized joint hypermobility is more common in chronic fatigue syndrome than in healthy control subjects. *Journal of manipulative and physiological therapeutics*. 2006 Jan 31;29(1):32-9.

### **Mitralklappeninsuffizienz / Aortenaneurysmen**

Wallis W. Cardiac abnormalities associated with Ehlers-Danlos Syndrome. *EDS UK Information Sheet*

Levy HP. Ehlers-Danlos syndrome, hypermobility type.





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Lum YW, Brooke BS, Black III JH. Contemporary management of vascular Ehlers–Danlos syndrome. *Current opinion in cardiology*. 2011 Nov 1;26(6):494-501.

McDonnell NB, Gorman BL, Mandel KW, Schurman SH, Assanah–Carroll A, Mayer SA, Najjar SS, Francomano CA. Echocardiographic findings in classical and hypermobile Ehlers–Danlos syndromes. *American Journal of Medical Genetics Part A*. 2006 Jan 15;140(2):129-36.

Wenstrup RJ, Meyer RA, Lyle JS, Hoehstetter L, Rose PS, Levy HP, Francomano CA. Prevalence of aortic root dilation in the Ehlers-Danlos syndrome. *Genetics in Medicine*. 2002 May 1;4(3):112-7.

### Augenprobleme

Gharbiya M, Moramarco A, Castori M, Parisi F, Celletti C, Marengo M, Mariani I, Grammatico P, Camerota F. Ocular features in joint hypermobility Syndrome/Ehlers-Danlos syndrome hypermobility type: a clinical and in vivo Confocal Microscopy Study. *American journal of ophthalmology*. 2012 Sep 30;154(3):593-600.

Castori M, Dordoni C, Morlino S, Sperduti I, Ritelli M, Valiante M, Chiarelli N, Zanca A, Celletti C, Venturini M, Camerota F. Spectrum of mucocutaneous manifestations in 277 patients with joint hypermobility syndrome/Ehlers–Danlos syndrome, hypermobility type. In *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* 2015 Mar 1 (Vol. 169, No. 1, pp. 43-53).

James Kundart, Ehlers-Danlos Syndrome and the Eye, *Course Systemic Disease*

Pesudovs K. Orbscan mapping in Ehlers-Danlos syndrome. *Journal of Cataract & Refractive Surgery*. 2004 Aug 31;30(8):1795-8.

Robertson I. Keratoconus and the Ehlers-Danlos syndrome: a new aspect of keratoconus. *The Medical journal of Australia*. 1975 May;1(18):571-3.

Woodward EG, Morris MT. Joint hypermobility in keratoconus. *Ophthalmic and Physiological Optics*. 1990 Oct 1;10(4):360-2.

### Gastrointestinale Symptome / Reizdarm

Zarate N, Farmer AD, Grahame R, Mohammed SD, Knowles CH, Scott SM, Aziz Q. Unexplained gastrointestinal symptoms and joint hypermobility: is connective tissue the missing link?. *Neurogastroenterology & Motility*. 2010 Mar 1;22(3):252-e78.

Vounotrypidis P, Efremidou E, Zazos P, Pitiakoudis M, Maltezos E, Lyrtzopoulos N, Kouklakis G. Prevalence of joint hypermobility and patterns of articular manifestations in patients with inflammatory bowel disease. *Gastroenterology research and practice*. 2010 Feb 11;2009.



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Fikree A, Aktar R, Grahame R, Hakim AJ, Morris JK, Knowles CH, Aziz Q. Functional gastrointestinal disorders are associated with the joint hypermobility syndrome in secondary care: a case–control study. *Neurogastroenterology & Motility*. 2015 Apr 1;27(4):569-79.

Nelson AD, Mouchli MA, Valentin N, Deyle D, Pichurin P, Acosta A, Camilleri M. Ehlers Danlos syndrome and gastrointestinal manifestations: a 20–year experience at Mayo Clinic. *Neurogastroenterology & Motility*. 2015 Nov 1;27(11):1657-66.

Castori M, Morlino S, Pascolini G, Blundo C, Grammatico P. Gastrointestinal and nutritional issues in joint hypermobility syndrome/Ehlers–Danlos syndrome, hypermobility type. In *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* 2015 Mar 1 (Vol. 169, No. 1, pp. 54-75).

### **Schlafstörungen**

Howard RS, Henderson F, Hirsch NP, Stevens JM, Kendall BE, Crockard HA. Respiratory abnormalities due to craniovertebral junction compression in rheumatoid disease. *Annals of the rheumatic diseases*. 1994 Feb 1;53(2):134-6.

Sankari A, Martin JL, Bascom AT, Mitchell MN, Badr MS. Identification and treatment of sleep-disordered breathing in chronic spinal cord injury. *Spinal cord*. 2015 Feb 1;53(2):145-9.

Proserpio P, Lanza A, Sambusida K, Fratticci L, Frigerio P, Sommariva M, Stagni EG, Redaelli T, De Carli F, Nobili L. Sleep apnea and periodic leg movements in the first year after spinal cord injury. *Sleep medicine*. 2015 Jan 31;16(1):59-66.

Mallien J, Isenmann S, Mrazek A, Haensch CA. Sleep disturbances and autonomic dysfunction in patients with postural orthostatic tachycardia syndrome. *Frontiers in neurology*. 2014;5.

Guilleminault C, Primeau M, Chiu HY, Yuen KM, Leger D, Metlaine A. Sleep-disordered breathing in Ehlers-Danlos syndrome: a genetic model of OSA. *CHEST Journal*. 2013 Nov 1;144(5):1503-11.

### **Temperomandibuläre Dysfunktion**

Jerjes W, Upile T, Shah P, Abbas S, Vincent A, Hopper C. TMJ arthroscopy in patients with Ehlers Danlos syndrome: case series. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology*. 2010 Aug 31;110(2):e12-20.

Hagberg C, Korpe L, Berglund B. Temporomandibular joint problems and self–registration of mandibular opening capacity among adults with Ehlers–Danlos syndrome. A questionnaire study. *Orthodontics & craniofacial research*. 2004 Feb 1;7(1):40-6.



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Tinkle BT. Joint Hypermobility Handbook – A Guide for the Issues & Management of Ehlers-Danlos Syndrome Hypermobility Type and the Hypermobility Syndrome. Taschenbuch, Left Paw Press, Llc; Auflage: 1 (12. Juli 2010)

## Hernien / Prolaps

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