

 Course 1017S

Prosthodontics > Course 1017S

TMD course

January 5. 1. TMD as a disorder entity and epidemiology Dr. Asbjorn Jokstad

Name	Title
Cohort Study 20yrs. Predicting TMD	Magnusson et al. A prospective investigation over two decades on signs and symptoms of temporomandibular disorders and associated variables. A final summary. Acta Odontol Scand 2005; 63: 99-109.
Cohort Study 20yrs. Predictors of TMD	Carlsson GE et al. Predictors of bruxism, other oral parafunctions, and tooth wear over a 20-year follow-up period. J Orofac Pain 2003; 17: 50-7.
Cohort Study 3 yrs. Incidence of TMD in adolescents	Nilsson et al. Incidence and temporal patterns of temporomandibular disorder pain among Swedish adolescents. J Orofac Pain 2007; 21: 127-32.
Crosssectional Study. Prevalence of TMD in adolescents	Nilsson IM, et al. Prevalence of temporomandibular pain and subsequent dental treatment in Swedish adolescents. J Orofac Pain 2005; 19: 144-50.
Epidemiology. Malocclusion and TMD	Gesch D, et al. Association of malocclusion and functional occlusion with subjective symptoms of TMD in adults: results of the Study of Health in Pomerania (SHIP). Angle Orthod 2005; 75: 183-90.
Epidemiology. Prevalence of TMD	Rutkiewicz T, et al. Occurrence of clinical signs of temporomandibular disorders in adult Finns. J Orofac Pain 2006; 20: 208-17.
Opinion Paper	Rinchuse DJ, et al. Evidence-based versus experience-based views on occlusion and TMD. Am J Orthod Dentofacial Orthop 2005; 127: 249-54
Review of SRs on TMD	Rinchuse & McMinn. Summary of evidence-based systematic reviews of temporomandibular disorders. Am J Orthod Dentofacial Orthop 2006; 130: 715-20.

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Jan. 12 Radiological diagnosis - possibilities and limitations Dr. Ernest Lam

Name	Title
Cohort Study 2-3yrs. TMJ disc changes	Tominaga et al. Changes in temporomandibular disc position during growth in young Japanese. Dentomaxillofac Radiol 2007; 36: 397-401.
MRI Pictorial Review of the TMJ	Tomas et al. MR imaging of temporomandibular joint dysfunction: a pictorial review. Radiographics 2006; 26: 765-81
Review of MRI for TMJ imaging	Limchaichana et al. The efficacy of magnetic resonance imaging in the diagnosis of degenerative and inflammatory temporomandibular joint disorders: a systematic literature review. Oral SMPREndod 2006; 102: 521-36
Review TMJ Imaging modalities	Hussain et al. Role of different imaging modalities in assessment of temporomandibular joint erosions and osteophytes: a systematic review. Dentomaxillofac Radiol 2008; 37: 63-71
Review. Role of MRI in TMJ diagnostics	Larheim TA. Role of magnetic resonance imaging in the clinical diagnosis of the temporomandibular joint. Cells Tissues Organs 2005; 180: 6-21

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Jan. 19 Clinical presentations, mechanisms and evidence-based management of orofacial neuropathic pain. Dr. Thuan Dao

Name	Title
ICD-10-CA	The Canadian Enhancement of ICD-10 (International Classification of Diseases)
Reliability Study. Bruxism vs TMD	van der Meulen MJ, et al. Self-reported oral parafunctions and pain intensity in temporomandibular disorder patients. J Orofac Pain 2006; 20: 31-5.
Reliability Study. Self reported pain vs clinical examination	Nilsson IM et al. The reliability and validity of self-reported temporomandibular disorder pain in adolescents. J Orofac Pain 2006; 20: 138-44.
Review. Usefulness of EMG for diagnosing TMD	Klasser & Okeson. The clinical usefulness of surface electromyography in the diagnosis and treatment of temporomandibular disorders. J Am Dent Assoc 2006; 137: 763-71.
Review. Validity of tests for assessing TMD	Lund JP et al. Validity of diagnostic and monitoring tests used for temporomandibular disorders. J Dent Res 1995; 74: 1133-43

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Jan. 29 Psychology and behavioral issues related to chronic pain Dr. Jon Hunter

Name	Title
Qualitative Study. Patient experiences of consultations	Wolf E, et al. Patients' experiences of consultations for nonspecific chronic orofacial pain: A phenomenological study. J Orofac Pain 2006; 20: 226-33.
Review. TMD Pain and Brain	Tenenbaum HC, et al. Sensory and affective components of orofacial pain: is it all in your brain? Crit Rev Oral Biol Med 2001; 12: 455-68

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Feb. 02 Neurological Pain and the dentist Dr Allan Gordon

Name	Title
Guidelines. Pharmacological management of chronic neuropathic pain	Moulin DE, et al. Pharmacological management of chronic neuropathic pain - consensus statement and guidelines from the Canadian Pain Society. Pain Res Manag 2007; 12: 13-21.

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Mar. 02 Orthodontic interventions as a causal factor Dr. Bruce Freeman

Name	Title
Cochrane Review. Occlusal adjustment and TMD	Koh & Robinson. Occlusal adjustment for treating and preventing temporomandibular joint disorders. Cochrane Database Syst Rev. 2003;(1):CD003812.
Epidemiology. Malocclusion and TMD	John MT, et al. Overbite and overjet are not related to self-report of temporomandibular disorder symptoms. J Dent Res 2002; 81: 164-9.
Review. Occlusal adjustments and TMD	De Boever JA, et al. Need for occlusal therapy and prosthodontic treatment in the management of temporomandibular disorders. Part I. Occlusal interferences and occlusal adjustment. J Oral Rehabil 2000; 27: 367-79

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Feb. 09 Differential diagnoses of TMD and orofacial pain. Dr. Thuan Dao

Name	Title
Review. Neurobiological mechanisms and Bruxism	Lavigne GJ, et al. Neurobiological mechanisms involved in sleep bruxism. Crit Rev Oral Biol Med 200314: 30-46

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Mar. 2 Disc displacements and traumatic disorders Dr. Michael Goldberg

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Links

- RDC-TMD Research Diagnostic Criteria for Temporomandibular Disorders Website
- DEN1016 Occlusion, function and dysfunction
- Interactive textbook on Clinical symptom Research

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Feb. 02 Prosthodontic interventions as a causal factor for TMD Dr. Aaron Fenton

Name	Title
Patient Interview	Dr A Fenton. Sound file. 2008.02.09
Review of the shortened dental arch	Kanno & Carlsson. A review of the shortened dental arch concept focusing on the work by the Käyser/Nijmegen group. J Oral Rehabil 2006; 33: 850-62
Review. Occlusal dysesthesia	Reeves & Merrill. Diagnostic and treatment challenges in occlusal dysesthesia. J Calif Dent Assoc 2007; 35: 198-207.
Video of a guided slide	Dr A Fenton.

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Mar. 09 Conservative interventions Dr. Limor Avivi-Arber

Name	Title
Cochrane Review. Stabilisation splint for TMD	Al-Ani MZ, et al. Stabilisation splint therapy for temporomandibular pain dysfunction syndrome. Cochrane Database Syst Rev. 2004; (1):CD002778
Cohort 5 yrs. Changes of TMD	Rammelsberg P, et al. Longitudinal outcome of temporomandibular disorders: a 5-year epidemiologic study of muscle disorders defined by research diagnostic criteria for temporomandibular disorders. J Orofac Pain 2003; 17: 9-20.
RCT. Oral splints for Myofascial pain	Dao TT, et al. The efficacy of oral splints in the treatment of myofascial pain of the jaw muscles: a controlled clinical trial. Pain 1994; 56: 85-94.
Review of reviews on splints use for TMD	Fricton J. Current evidence providing clarity in management of temporomandibular disorders: summary of a systematic review of randomized clinical trials for intra-oral appliances and occlusal therapies. J Evid Based Dent Pract 2006; 6: 48-52
Review of splint use for TMD	Klasser & Greene. Oral appliances in the management of temporomandibular disorders. Oral SMPR Endod. 2009;107: 212-23.
Review. Multimodal vs complex interventions	Turp JC, et al. Is there a superiority of multimodal as opposed to simple therapy in patients with temporomandibular disorders? A qualitative systematic review of the literature. Clin Oral Implants Res 2007;18 Suppl 3:138-50.
Review. Splints for TMD	Dao & Lavigne. Oral splints: the crutches for temporomandibular disorders and bruxism? Crit Rev Oral Biol Med 19989: 345-61
TMD case history	TMD case history

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Mar. 16 Surgical interventions Dr. Gerald Baker

Name	Title
RCT of treatment for closed lock	Schiffman EL, et al. Randomized effectiveness study of four therapeutic strategies for TMJ closed lock. J Dent Res 2007; 86: 58-63.

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Mar. 23 Neural mechanisms related to TMD pain Dr. Barry Sessle

Name	Title
Review. Neural mechanisms of tmj pain	Lam DK, et al. Neural mechanisms of temporomandibular joint and masticatory muscle pain: a possible role for peripheral glutamate receptor mechanisms. Pain Res Manag 2005; 10: 145-52

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Mar. 23 Pharmacotherapy interventions Prof. Helen Grad

Name	Title
ACPA Medications 2007	Feinberg SD, et al. American Chronic Pain Association. Medications & Chronic Pain. Supplement 2007

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