

# Occlusion, function and dysfunction.

## Postgraduate Course DEN1016S

**Target group:** Postgraduate candidates in clinical dental specialties.

**Content:** Course 1016S complements, and is run in parallel with, course 1017S titled “*Management of TMD and oral pain*”. Course coordinator for course 1017S is Dr Thuan Dao. Elements of the course built on course 1060F titled “*Oral physiology: sensory and neuromuscular function*”. Course coordinator for course 1060F is Dr Barry Sessle.

**Format:** Key literature reviews supplemented with formal and informal topical lectures provided by the mentors. The course participants present the literature in the last two seminars.

**Learning objectives:** (C)ognitive, (A)ffective and (P)sychomotor learning objective are specified for each lecture topic.

**Course pass:** Attendance, participation & demonstration of critical appraisal skills in written essay.

**Course coordinator:** Dr Asbjørn Jokstad, Head of prosthodontics

**Time and location:** Tuesdays – 11.00 – 13.00, Room 360

<b>Date</b>	<b>Seminar topic</b>	<b>Learning objectives ((C)ognitive, (A)ffective and (P)sychomotor learning objectives</b>	<b>Mentor</b>
10.1. 2006	<b>Occlusion and treatment philosophies</b>	<i>C: Outline different doctrines on occlusion advocated throughout history and the strength of scientific evidence for their support</i>	Asbjørn Jokstad Prosthodontist
24.1. 2006	<b>Jaw &amp; TMJ movement</b>	<i>C: Recognize the methods used to measure jaw and tmj movements and the research aimed to establish an association with occlusion</i>	Asbjørn Jokstad Prosthodontist
31.1. 2006	<b>Phonetics</b>	<i>C: Summarize the basic mechanisms of phonation, resonance and speech articulation and the methods used to measure the variables C: Explain impact of the tongue and occlusion on speech P: Identify and combine possible occlusion and other intraoral structures that may influence speech</i>	Tim Bressman, UofT
7.2. 2006	<b>Proprioception</b>	<i>C: Understand the mechanisms of proprioception and its relevance to occlusion and motor function</i>	Leslie L Gibbard Prosthodontist
14.2.	<b>Student Research</b>		

2006	<b>day– no class</b>		
21.2. 2006	<b>Reading week – no class</b>		
28.2. 2006	<b>Occlusion and TMD</b>	<i>C: Recognize the scientific evidence between occlusion and TMD.</i>	Asbjørn Jokstad Prosthodont
7.3. 2006	<b>AADR– no class</b>		
14.3. 2006	<b>Occlusal wear</b>	<i>C: Understand the causes and consequences of tooth wear in context with occlusion P: Implement best evidence-based practices to prevent and manage patients with tooth wear.</i>	Asbjørn Jokstad Prosthodont
21.3. 2006	<b>Satisfactory occlusal relations for the individual with anomalies</b>	<i>C: Have knowledge of problems regarding biting forces, mastication and dysphagia in context with occlusal state A: Realize that special clinical considerations need to be considered when treating these patients with multidisciplinary approach P: Be able to identify problems amongst these patients and manage needs within own specialty context</i>	Jim Anderson /Bruce Ross Prosthodont
28.3 2006	<b>Occlusion and periodontitis</b>	<i>C: Compare the often contrasting opinions and hypotheses about occlusion and periodontitis in the scientific literature A: Realize that an extensive proportion of the dental literature on occlusion and periodontitis is ambiguous and anecdotal</i>	Periodont . residents.
04.04 2006	<b>Occlusion, motor &amp; sleep disorders</b>	<i>C: Understand the nature of motor and sleep diseases and their relationship to occlusion; and how best to prevent the conditions and best evidence managements.</i>	Gilles Lavigne U Montreal
11.4 2006	<b>No class - Easter</b>		
18.4. 2006	<b>Occlusion in the prosthodontic literature and the state of the science</b>	<i>C: Compare the often contrasting opinions and hypotheses about occlusion and oral function in the scientific literature A: Realize that an extensive proportion of the dental literature on occlusion and oral function is ambiguous and anecdotal P: Be able to identify, critically appraise and extract clinically significant data on occlusion and oral function from the scientific literature</i>	Prosthodont residents / Jim Anderson / Jokstad Prosthodont
25.4 2006	<b>Occlusion in the orthodontics literature and the state of the science</b>	<i>C: Compare the often contrasting opinions and hypotheses about occlusion and oral function in the scientific orthodontic literature A: Realize that an extensive proportion of the dental literature on occlusion and oral function is</i>	Orthodont residents / Jim Anderson Prosthodont / Jokstad

		<i>ambiguous and anecdotal</i> <b>P:</b> <i>Be able to identify, critically appraise and extract clinically significant data on occlusion and oral function from the scientific literature</i>	Prosthodont
2.5 2006	<b>Course test</b>	<b>Essay</b>	Asbjørn Jokstad Prosthodont