



Bahrain Dental Society

Bahrain Licensure Preparatory Course 2010

This intensive 3-day program is primarily designed to help those preparing for the Bahrain Licensure Exam and is good foundation for people sitting the final part of the MFD examination. It will also be of interest to practitioners who want to revise and broaden their knowledge of the art and science of dentistry. We have produced a very comprehensive candidate-friendly course, which includes 12 hours of material that has been developed by a team of academics and clinicians.

Date	08:30-09:30	09:45-10:45	10:45-11:45	11:45-12:45	13:00-14:00
<i>Tuesday</i> 9 Nov 2010	Prosthodontics AAR	Basic Dental Sciences ROS	Coffee Break	Orthodontics (1) LA	Medicine Related to Dentistry MAA
<i>Wednesday</i> 10 Nov 2010	Paediatric Dentistry (1) YA	Orthodontics (2) NA	Coffee Break	Periodontology RA	Endodontics AM
<i>Thursday</i> 11 Nov 2010	Evidence Based Dentistry (EBD) ZF	Paediatric Dentistry (2) HA	Coffee Break	Clinical & Applied Pharmacology and Oral Medicine MAA	1. Q&A Session 2. Viva Practice 3. Course Feedback All Contributors

Lecturers: ROS (Prof. Robin O'Sullivan), MAA (Dr. Mohammed A Al-Muharraqi), NA (Dr. Nawaf Al-Hamer), ZF (Dr. Zbys Fedorowicz), AAR (Dr. Ameer A. Radhi), LA (Dr. Leena Al-Sheerawi), AM (Dr. Aqeel Al-Mosawi), HA (Dr. Hala Al-Sayed), YA (Dr. Yasser Ahmed), RA (Dr. Rashad Al-Alawi)

The syllabus is provided to indicate the areas of knowledge which are expected of candidates.
It is not intended to be exhaustive or to exclude other topics which are of similar relevance

Course Registration Form

- Course:** **Bahrain Licensure Preparatory Course**
Tuesday 9th of November to Thursday 11th of November 2010
08:30am to 02:00pm – CPD 12 Hours will be Accredited
- Venue:** The Bahrain Dental Society
The Bahrain Medical Society Main Lecture Hall
- Enquiries:** Tel: (+973) 17723767
Fax: (+973) 17729616
- Course Convener:** **Mr. Mohammed A. Al-Muharraqi,**
MBChB (Dund), BDS (Dund), MSc (Dund), MRCS (Glas.), FFDRCS (Irel), MFDSRCS (Eng)
Consultant in Maxillofacial Surgery and Oral Medicine
Royal Medical Services – Bahrain Defence Force,
KINGDOM of BAHRAIN
- Fees:** **30 Bahraini Dinars** – There will be a reduced cost of **15 BD** for all MOH *T1/T2 Trainees*, and Members of the *Bahrain Dental Society* and/or any other *GCC Medical/Dental Society*
10 Bahraini Dinars – The course material will be sold separately for an additional **10 BD** on request

There will be a limited number of seats available so please book your place as soon as possible. Fill the form below and return it to us by either fax to: (+973) 17729616 or scan and e-mail to: bahrain.dental.society@gmail.com or bahrain.dental.society@gmail.com

Personal Data	
Please fill in form using block letters only. Your name will be printed on the certificate	
Name _____	
First name _____	
Address _____ _____	
Zip code City _____	
City _____	Country _____
Phone _____	Fax _____
e-mail _____	
Date _____	Signature _____



The Bahrain Dental Society

Bahrain Licensure Preparatory Course

Tuesday 9th of November to Thursday 10th of November 2010

Course Syllabus

1. Medicine Related to Dentistry

- CPR, Fainting
- Acute emergencies in dental practice and their management
- Anaphylactic shock and acute allergic reactions
- Angina, myocardial infarction, cardiac arrest
- Infective endocarditis and bacteraemia, including prophylaxis
- Cerebrovascular haemorrhage and stroke
- Acute respiratory distress, asthma and laryngeal obstruction
- Respiratory failure
- Glucose and the control of blood sugar
- The diabetic patient, acute hypoglycaemia and diabetic coma

2. Basic Dental Sciences

- The control of jaw posture and movement
- The development of the teeth and supporting tissues
- Dental and oral histology and their clinical applications, including tooth movement and age changes
- Developmental disorders of the teeth and the dental hard tissues
- Tooth morphology
- Chronology of dental development and tooth eruption
- The mechanism of non-carious tooth surface loss: attrition, abrasion and erosion
- Functional occlusion in the natural dentition
- The border movements of the mandible
- The temporomandibular joint: its structure, function and common disorders

3. Oral Surgery

- Oro-facial fractures and head injuries: their anatomical basis and basic management
- Implant surgery
- Diseases of salivary glands: functional, infective, autoimmune and neoplastic
- Squamous and basal cell carcinomas
- Orofacial manifestations of systemic diseases
- Surgical tooth extractions and important complications
- Cysts and their management
- Principal tissue spaces and the spread of infection from the teeth, tonsils and skin in the head and neck
- Local and regional anaesthesia: techniques and their anatomical basis
- Diseases of the oral mucosa: infections (bacterial, viral and fungal), swellings, pigmentation, ulceration, dermatoses, precancerous lesions, neoplasms

4. Orthodontics

- Orthodontic Treatment planning
- Impacted canines
- Management of the developing dentition
- The role of the general dental practitioner in the management of malocclusion
- Facial Growth.
- Aetiology and development of malocclusion.
- Removable and Functional appliances.
- Common appliances and techniques used in the management of malocclusion.

5. Prosthodontics

- Functional occlusion in fixed and in removable prostheses.

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- *Complete and partial dentures: their design, construction and maintenance.*
- *Implant based restorations.*

6. Endodontics

- *Endodontic diagnosis.*
- *Endodontic treatment procedures.*
- *Pulpal and periapical pathology.*
- *Surgical Endodontics.*

7. Operative Dentistry

- *Dental caries: causes, diagnosis and the influence of diet, fluoride and restorative care.*
- *Therapeutic agents in the control of caries.*
- *The management of non-cariou tooth surface loss: attrition, abrasion and erosion.*
- *Tooth discoloration and bleaching.*
- *Principles of restorative treatment planning.*
- *Principles of intra- and extra-coronal restoration of teeth.*

8. Periodontology

- *Dental plaque: its formation, composition and metabolism.*
- *Mechanical and chemical plaque control.*
- *Periodontal examination and diagnosis.*
- *The pathogenesis of periodontal disease.*
- *Therapeutic agents in the control of periodontal disease.*
- *Basic periodontal surgery.*

9. Evidence Based Dentistry

- *The integration of best research evidence with clinical expertise and patient values.*
- *Utilizing a systematic process to incorporate current research into practice.*
- *The evidence-based process:*
 - *Formulate information needs/questions into four part questions. These questions identify the patient/problem (P), intervention (I), comparison (C), and outcomes (O) also known as PICO questions.*
 - *Conduct an efficient computerized search of the literature for the appropriate type and level of evidence.*
 - *Critically appraise the evidence for validity with an understanding of research methods.*
 - *Apply the results of the evidence to patient care or practice in consideration for the patient's preferences, values and circumstances.*
 - *Evaluate the process and your performance through self-evaluation*

10. Pediatric Dentistry

- *History, examination, risk assessment and treatment planning in children.*
- *Diagnosis and prevention of dental caries.*
- *Traumatic injuries in children.*
- *Childhood impairment and disability.*
- *Treatment of dental caries in the preschool child.*
- *Operative treatment of dental caries in the primary dentition.*
- *Operative treatment of dental caries in the young permanent dentition.*
- *Periodontal disease in children.*

11. Clinical & Applied Pharmacology

- *Antimicrobial agents: mode of action, toxicity, resistance.*
- *Mediators of pain and inflammation, peripherally and centrally acting analgesics, anti-inflammatory agents.*
- *Local anaesthetic agents and vasoconstrictors.*
- *Intravenous and inhalational sedation.*
- *Coagulants and anticoagulants.*
- *Side effects of drugs, drug interactions especially in dentistry.*