



NUS
National University
of Singapore

DEPARTMENT OF MEDICINE

**NATIONAL UNIVERSITY OF SINGAPORE
NATIONAL UNIVERSITY HOSPITAL**

ACADEMIC YEAR 2007/2008

(02 JULY 2007 TO 21 MARCH 2008)

TERM I: 02 JULY 2007 TO 31 AUG 2007 (9 WEEKS)
TERM II: 24 SEPT 2007 TO 30 NOV 2007 (10 WEEKS)
TERM III: 31 DEC 2007 TO 21 MARCH 2008 (12 WEEKS)

BDS THIRD YEAR MEDICINE TEACHING PROGRAMME

**NATIONAL UNIVERSITY OF SINGAPORE
DEPARTMENT OF MEDICINE**

**TEACHING PROGRAMME FOR THIRD YEAR DENTAL STUDENTS
SESSION 2007/2008**

INSTRUCTIONS

1. All students are expected to be punctual for all lectures and bedside tutorials.
2. All students must be appropriately attired before they are allowed to enter the wards. Every student must wear a white coat with name-tag displayed on their coat lapel. Male students must wear ties.
3. Each clinical group must select a representative to liaise with the tutor.
4. Students are reminded to be compassionate and caring when examining patients. Male students examining female patients must be chaperoned by a female colleague or nurse.
5. Dental students are allowed to see patients in Wards 53, 55, 57 and 63. However, private patients in Ward 56 and 58 can only be seen when accompanied by the tutor of the clinical group.
6. All students are expected to bring their own equipment e.g. stethoscope, tendon hammer and measuring tape. The equipments in the ward, except for the sphygmomanometer, are not meant for the students' use.
7. The subsidized medical wards are divided into subspecialty areas:

Ward 53 : General Medicine
Ward 55 : Respiratory & Nephrology
Ward 57 : Haematology/Oncology and Neurology
Ward 63 : Cardiology, Endocrinology & Gastroenterology
8. All dental students entering a new medical ward must introduce themselves to the nursing office or staff nurse in charge. Unauthorised staff may be asked to leave the ward.
9. Each group representative is to contact the designated tutor if he/she is late for the tutorial. If the tutor is unable to teach, the substitute tutor would take his/her place.
10. Any student who is absent due to illness must produce a medical certificate to the Dean's Office, Faculty of Dentistry.

Cc *Tutors Involved*

GUIDELINES FOR STUDENTS

1. The course consists of about 55 hours of Medicine spanning over three terms. There will be one 1-hour lecture by one 1-hour bedside tutorial every week for 27 weeks (July – March).
2. The purpose of the course is to teach dental students to recognize and diagnose the major medical diseases of the main system of the body. Emphasis should be given to 3 aspects:
 - (1) Medical conditions that affect the oral cavity or dental procedures and vice versa
 - (2) Recognition of the sick outpatient eg patient with dyspnoea, cyanosis etc
 - (3) Emergency medicine. Students are expected to be competent in cardiopulmonary resuscitation, diagnosis and management of medical emergencies including unconsciousness, allergic reactions, seizures, angina and cardiac arrest.
3. Students are expected to read only significant parts of the recommend textbooks.
4. Following the lectures given, students are expected to read from the textbooks.
5. On top of the formal bedside teaching, students are encouraged to come back to the wards to examine the patients.
6. At the end of the course there will be an Examination in Medicine (3rd Professional BDS Examination) to evaluate students on patients and clinical material in common medical conditions, with particular reference to their studies. The examination consists of two sections. The pass mark for each section and for the overall total is 50% or above.

SECTION I

MARKS

Written Paper in Medicine (Time Allowed : 3 Hours)

100

There will be 6 essay type questions in 2 sections. Each candidate will answer 1 question from Section A (adult medicine question) and 3 questions from Section B (3 out of 4 adult medicine questions and 1 out of 2 pediatric medicine questions).

SECTION II

Clinical Examination I.E. OCSE (Objective Structured Clinical Examination)

200

There will be 10 Stations (5 minutes per station):

Adult medicine status : 7
Paediatric medicine stations : 3

Each station will consists of a patient to be examined (eg jaundice), a procedural skill to be performed (eg taking BP), slide(s) to be interpreted, or drugs to be described etc.

A copy of the 'Core Cases in Medicine' is provided

Grand Total

300

'CORE SKILLS IN MEDICINE' FOR DENTAL STUDENTS

PURPOSE:

The core skills cover the essential skills in internal medicine for dental students. It is not an exhaustive list. The students should use it as a guide to study medical conditions that are relevant to dentistry and that 'you should know about'.

1. GENERAL EXAMINATION

Anaemia
Jaundice
Cyanosis
Purpura: petechiae, ecchymoses, hematoma
Skin signs of systemic diseases

2. FACE

Cushing's syndrome
Grave's disease
Addison's disease
Angioedema
Stevens-Johnson Syndrome
Nerve palsies eg Belli's
Myasthenia gravis

3. NECK

Goitre & thyroid status
Cervical lymphadenopathy (including nasopharyngeal carcinoma)
Parotic swelling

4. MOUTH

Ulcers (aphthous, lichen planus, pemphigus)
Leukoplakia
Candidiasis
Gum hypertrophy
Gum bleeding
Xerostomia
Impaired gag reflex*

5.

Chronic renal failure
Liver failure
Auscultation of chest in paediatric patients/respiratory failure/asthma*
Congestive cardiac failure
Strokes

6.

BP measurement/hypertension*
Pulse assessment/atrial fibrillation*
Valvular heart disease
Coronary heart disease
Infective endocarditis

7. Diabetes mellitus and complications
Epilepsy*
HIV infections and AIDS
Pneumonia (including aspiration)
Bronchiectasis
Hepatitis
Cirrhosis
8. Drug reactions Type (A) dose-dependent. Type (B) hypersensitivity*
Syncope*
Shock
9. Unconsciousness
Cardiopulmonary resuscitation/cardiac arrest (Basic and Advanced)*

*** These cases constitute 'mandatory cases or skills', which the students must know before the examination.**

GUIDELINES FOR CLINICAL TUTORS

1. Each tutor has 5 - 6 students.
2. Please remember that these are dental students; teach only important diseases of interests to dental practitioners. The students are expected to be able to take a simple medical history. They are to learn inspection, palpation, percussion and take a simple medical history. They should be taught how to use the ophthalmoscope.
3. The bedside teaching programme should follow the lecture schedule as far as possible in order to reinforce the learning process.
4. At the end of the course (in the 3rd BDS Examination) (equal marks) there will be an Objective Structured Clinical Examination (OSCE) to evaluate students on patients and clinical material in common medical conditions, with particular reference to their studies.

LECTURE TOPICS FOR THIRD YEAR DENTAL STUDENTS: SESSION 2007/2008
TERM I : FROM 02 JULY TO 31 AUGUST 2007

Dates : Tuesdays
 Time : 08.00 am – 09.00 am
 Venue : Medicine Seminar Room #05-5D
 * Lecture will be held in Cardiac Lecture Theatre, Cardiac Dept, Lev 3, NUH Main Bldg

LECTURE	DATE	TOPICS	LECTURER
JULY			
1)	3	Introduction to the Medical Course for Third Year Dental Students	Dr Elaine Lim
2)	10	History taking and physical examination General examination – Breathlessness, Cyanosis, Gum Bleeding, Anemia, Clubbing, Oedema, Jaundice, Lymphadenopathy	Prof Cheah Jin Seng
3)	17	Examinations and investigations of the Respiratory system: Tuberculosis, Pneumonia, Bronchiectasis, Asthma	Dr Khoo Kay Leong
4)	24 *	Examination of the cardiovascular system Examination of the respiratory system	Assoc Prof Ling Lieng-Hsi
5)	31	Chronic obstructive pulmonary disease Lung Cancer Pleural effusion and pneumathorax	Prof Lim Tow Keang
AUGUST			
6)	7	Allergic reactions – evaluation and treatment	Prof Vernon Oh
7)	14	Oral manifestations of systemic disease	Dr Wong Soon Tee
8)	21	Examination of the hemopoietic system and investigation for anaemia	Dr Elaine Lim
9)	28	Antibiotics for prophylaxis and therapy	Assoc Prof Dale Fisher

LECTURE TOPICS FOR THIRD YEAR DENTAL STUDENTS: SESSION 2007/2008
TERM II: FROM 24 SEPTEMBER TO 30 NOVEMBER 2007

Dates : Tuesdays
 Time : 08.00 am – 09.00 am
 Venue : Medicine Seminar Room #05-5D
 * Lecture will be held in Cardiac Lecture Theatre, Cardiac Dept, Level 3, NUH Main Bldg

LECTURE	DATE	TOPICS	LECTURER
SEPT			
1)	25*	Hypertension Coronary artery disease Heart failure	Dr Adrian Low
OCT			
2)	02	Dysphagia, dyspepsia, peptic ulcer diseases	A/Prof Yeoh Khay Guan
3)	09	Examination & Investigations of Coagulation and Bleeding Disorders	Dr Liu Te Chih
4)	16	Jaundice, Hepatitis & Cirrhosis	Dr Lee Yin Mei
5)	23*	Rheumatic heart disease Infective endocarditis – prevention & treatment	Prof Chia Boon Lock
6)	30	Thyroid and Adrenal disorders	Prof Lee Kok Onn
NOV			
7)	06	Diabetes Mellitus	A/Prof Thai Ah Chuan
8)	13	Local anaesthetics Transquillisers Anti-coagulants	Dr Stephen Wise
9)	20	Renal failure – acute & chronic Dialysis & transplantation	A/Prof Evan Lee

LECTURE TOPICS FOR THIRD YEAR DENTAL STUDENTS: SESSION 2007/2008
TERM III: FROM 31 DECEMBER 2007 TO 21 MARCH 2008

Dates : Tuesdays
Time : 08.00 am – 09.00 am
Venue : Medicine Seminar Room #05-5D

LECTURE	DATE	TOPICS	LECTURER
	JAN 08		
1)	08	Headaches & facial pain	A/Prof Benjamin Ong
2)	15	Viral Infect: HIV, HBV, HCV Infections – bacterial (including Tuberculosis), Fungal & parasitic	Dr Hsu Li Yang
3)	22	Principles of neurological examination Disturbances of conscious level / Epilepsy	A/Prof E Wilder-Smith
4)	29	Cardiopulmonary resuscitation and Cardiac arrest	Dr Gerald Chua
	FEB 08		
5)	05	Preparations for Written Paper/OSCE Finals	Dr Elaine Lim

BEDSIDE TUTORIALS**Term I : 02 JUL 2007 to 31 AUG 2007 (9 WEEKS)**

Days : Tuesdays
 Time : 09.00 am – 10.00 am

Please note tutors who are unable to conduct the tutorial are to arrange for their own reserve tutors.

STUDENT GROUPINGS FOR BEDSIDE TUTORIALS

No	Name of Students	Matric No	Group	Tutor	Reserve
1.	BALASUBRAMANIAN SURAJ	U053617M	A	Dr Jimmy Teo	Dr See Kay Choong
2.	CAI XINGNI (Miss)	U053626X	A		
3.	CHAN PEI YUAN (Miss)	U053631L	A		
4.	CHAN WAISENG	U053608A	A		
5.	CHEW QIN'AN AMELIA (Miss)	U053619L	A		
6.	CHONG MAY MAY (Miss)	U053625L	A		
7.	CHUA CHEW KIAT SIMON JUDE	U053610H	B	Dr Paul Ingram	Dr Amy Quek
8.	ESTHER OGAWA (Miss)	U053624Y	B		
9.	GOMES MARIO REGINO WENLIANG	U053613R	B		
10.	HO SWEE FERNG CINDY (Miss)	U053602J	B		
11.	HOO SWEE TIANG	U053607R	B		
12.	JOANNE OU JIAZHEN (Miss)	U053622B	B		
13.	KWAN YI ALEXIA (Miss)	U043624B	C	Dr Hsu Li Yang	Dr Kao Shih Ling
14.	LEONARDO SAIGO	U053604H	C		
15.	LIM MIN MIN (Miss)	U053620A	C		
16.	LOW MING HUI (Miss)	U053630Y	C		
17.	LU ZHIYIN (Miss)	U053633J	C		
18.	LUO WENYUAN (Miss)	U053618Y	C		
19.	MELVIN LIEW KANG MING	U053611U	D	Dr Chen Lin Yee	Dr Lim Lee Guan
20.	NG JING HAO	U053614A	D		
21.	ODE WATARU	U053605U	D		
22.	ONG GUO AN	U053615N	D		
23.	SEE-TOH KAI MUN	U053606E	D		
24.	SIA KIA SUAN PRISCILLA (Miss)	U053629H	D		
25.	SONG YI LIN (Miss)	U053623M	E	Dr Anselm Mak	Dr Low Seow Ping
26.	TAN HUI LU SHELLA (Miss)	U053621N	E		
27.	TAN HUI XIAN MELISSA (Miss)	U054457W	E		
28.	TAN JIUNN MING GARY	U053616B	E		
29.	TAN JUN DA	U053612E	E		
30.	TAN WYE LYNN (Miss)	U053601X	E		
31.	TANG HUIYUN, MARIAN ELIZABETH (Miss)	U053632X	F	Dr Elaine Lim	Dr Aisha Lateef
32.	YIM SHAO'EN, JOEY EMILIA (Miss)	U053627J	F		
33.	ZHOU SHICAI	U053609N	F		
34.	ZHUANG RONGLIN (Miss)	U053628W	F		

Students are to liaise with their tutors to arrange bedside tutorials.

BEDSIDE TUTORIALS**Term II : 24 SEPT 2007 to 30 NOV 2007 (10 WEEKS)**

Days : Tuesdays
 Time : 09.00 am – 10.00 am

Please note tutors who are unable to conduct the tutorial are to arrange for their own reserve tutors.

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6.	CHONG MAY MAY (Miss)	U053625L	A		
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29.	TAN JUN DA	U053612E	E		
30.	TAN WYE LYNN (Miss)	U053601X	E		
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BEDSIDE TUTORIALS**Term III: 31 DEC 2007 to 21 MAR 2008 (12 WEEKS)**

Days : Tuesdays
 Time : 09.00 am – 10.00 am

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