

# REVISED

## Keck School of Medicine University of Southern California

### YEAR II SCHEDULE OF INSTRUCTION

#### Respiratory System October 12 - November 13, 2009

LECTURE ROOM: McKibben 249

MULTIDISCIPLINARY LABS (MDL) McKibben 252, 253, 254, 257, 259 Bishop 204-A and 204-B

NOTE: Unless otherwise shown on this schedule, all lectures start on the hour and end 10 minutes to the hour .

#### SYSTEM CHAIR:

Ahmet Baydur, M.D.

GNH 11-900

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Evaluation

Microbiology Lab (2%) and Written Exam (98%) =  
100% of student evaluation

#### Required Book List:

Kumar, Abbas, Fausto & Mitchell, Robbins Basic Pathology, 8th ed., Elsevier Saunders, 2007

P.R. Murray, K.S. Rosenthal, G.S. Kobayashi, and M.A. Pfaller, Medical Microbiology, 5th Edition, Mosby, 2005

#### Recommended Book List:

G.J. Criner, G.e. D'Alonzo, Pulmonary Pathophysiology, 1st Edition, Fence Creek Publishing, 1999

S.E. Weinberger, Principles of Pulmonary Medicine, 4th Edition Saunders W.B. Co., 2003

J.B. West, Pulmonary Physiology: An Integrated, Case-Based Approach Lippincott Williams and Wilkins, 2001

John West, Respiratory Physiology: The Essentials, 7th Edition, Lippincott Williams, & Wilkins, 2004

[Medical Student Education Website: http://MedWeb.usc.edu](http://MedWeb.usc.edu)

*Please bring clickers to class. Some lecturers will be using ARS. It may not be identified in the schedule.*

*we denotes webcast. Not all faculty have responded, we will be updated.*

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# Respiratory System (2009-10)

# Week 1

Respiratory Anatomy, Embryology / ENT						
	10/12/2009 Monday	10/13/2009 Tuesday	10/14/2009 Wednesday	10/15/2009 Thursday	10/16/2009 Friday	
8:00		Lec. -		ICM	Lec. - Ear, Nose, and Throat Pathology II Dr. Correa wc	
8:30		Structural Biology of Pulmonary System  Dr. Schechter wc	Lec. - Respiratory Physical Examination Dr. Baydur wc		Lec. - ENT Clinical: SPP Cases: Pharyngitis Dr. Maceri wc	
9:00	Intro to Respiratory System Dr. Baydur wc		Lec. - ENT Clinical: Oral Cavity, Salivary Glands, Pharynx, Larynx and Neck Dr. Maceri wc			MDL -  ENT Pathology Lab: Oral Cavity, Salivary Glands, Pharynx, Larynx and Neck  Pathology Faculty
9:30	Lec. - Gross Anatomy of the Respiratory System  Dr. Albrecht wc	MDL -  Microanatomy Lab: Respiratory Tract  Microanatomy Faculty	Lec. - ENT Clinical: Ear, Nose & Paranasal Sinuses Dr. Maceri wc			
10:00						
10:30						
11:00	Lec. - Development of the Lung Dr. Crump wc					
11:30						
12:00						
1:00	PPM Health Care Reform			Lec. - Ear, Nose, and Throat Pathology I Dr. Correa wc		
2:00				Lec. - ENT Clinical: SPP: Hearing Loss SPP: Chronic Sinusitis Dr. Maceri wc		
3:00	<i>Medical Spanish III</i> <i>El examen neurológico I</i> Dr. D. Zarazúa Lec/Conv Lab 3:00-5:00 PM			<i>Medical Spanish II</i> <i>La vida diaria y emociones</i> Dr. D. Zarazúa Lec/Conv Lab 3:00-5:00 PM		MDL -  ENT Pathology Lab: Ear, Nose and Paranasal Sinuses  Pathology Faculty
4:00	<i>Medical Spanish I</i> <i>¿Puede caminar?</i> Dr. D. Zarazúa Lec/Conv Lab 4:00-6:00 PM			<i>Medical Spanish I</i> <i>Me baño</i> Dr. D. Zarazúa Lec/Conv Lab 4:00-6:00 PM		
5:00				ICM Quiz-A: Otolaryngologic Exam Workshop Opens @ 12:00 PM		Complete Microanatomy of the Salivary Glands Self-Study (on MedWeb) prior to 9:30 AM lecture

wc=webcast; Medical Spanish Schedule will be updated

# Respiratory System (2009-10)

# Week 2

## Respiratory Function / Airway Diseases / Diffuse Lung Disease

	10/19/2009 Monday	10/20/2009 Tuesday	10/21/2009 Wednesday	10/22/2009 Thursday	10/23/2009 Friday
8:00			Lec. - Asthma Dr. Barbers wc	ICM	Lec. - Interstitial Lung Disease / Alveolitis Joint Lecture Drs. Koss & Niden wc
8:30	Lec. - Normal Structure and Function of Lungs (Respiratory Mechanics) Dr. Youn wc	Lec. - Ventilatory Muscle Function & Neural Control of Ventilation Dr. Youn wc	Lec. - Bronchiectasis and Cystic Fibrosis Dr. Keens wc		
9:00					
9:30					
10:00	Lec. - Gas Exchange and Ventilation/Perfusion (V/Q) Relationships Dr. Youn wc	Lec. - Obstructive Lung Disease Pathology Dr. Keyser wc	MDL. - Pathology Lab: COPD and Asthma Pathology Faculty		MDL. - Pathology Lab: Interstitial Lung Disease Pathology Faculty
10:30					
11:00	Lec. - Clinical Gas Exchange/ Acid-Base (Arterial Blood Gas) Dr. Juarez wc	Lec. - Clinical Chronic Obstructive Pulmonary Disease Dr. Baydur wc			
11:30					
12:00					
1:00	PPM Nuts & Bolts of Medical Business	ICM Otolaryngologic Exam Workshop (Groups 15-28) **	Lec.- Preventive Medicine Dr. Samet wc	Lec. - Smoking Cessation Dr. Reilly wc	
2:00					Lec. - Pharmacology of the Respiratory System Dr. Berman wc
3:00			<i>Medical Spanish III</i> <i>El examen neurológico II</i> Dr. D. Zarazúa Lec/Conv Lab 3:00-5:00 PM	<i>Medical Spanish II</i> <i>Vida Sexual</i> Dr. D. Zarazúa Lec/Conv Lab 3:00-5:00 PM	
4:00	<i>Medical Spanish I</i> <i>Me duele la cabeza</i> Dr. D. Zarazúa Lec/Conv Lab 4:00-6:00 PM		<i>Medical Spanish Elective I</i> <i>Mi doctor es el mejor</i> Dr. D. Zarazúa Lec/Conv Lab 4:00-6:00 PM	MDL - SPP Cases: • Emphysema • COPD with cor pulmonale • Asthma Dr. Baydur and Faculty	
5:00		ICM Quiz-A: Closes 10/20 @ 12:30 PM ICM Quiz-B: Otolaryngologic Exam Workshop Opens 10/20 @ 12:00 PM	Blackboard Quiz 1(Self-Study) Opens @ 12:00 PM; Closes 11/13/09 @ 8:00 AM		

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**Respiratory System (2009-10)**

**Week 3**

<b>Inflammation, Pleural Diseases, ARDS, Embolic Diseases, Lung CA</b>					
	10/26/2009 Monday	10/27/2009 Tuesday	10/28/2009 Wednesday	10/29/2009 Thursday	10/30/2009 Friday
8:00		Lec. -	Lec. -	ICM	Lec. -
8:30	Lec. - Granulomatous Lung Disease Dr. Shigemitsu wc	Case Problems: Blood Gas - Acid/Base Dr. Baydur wc	Sleep Apnea Syndrome Dr. Juarez wc		Lung CA Joint Lecture Clinical/Pathology  Drs. Koss & Baydur wc
9:00	Lec. - Pleural Diseases Dr. Boylen wc	Lec. - Pulmonary Function Testing: Clinical-Pathological Correlations Dr. Keens wc	Lec. - Intro. to the Chest X-ray Demonstration of Normal CXR & Common Cases Dr. Wilcox wc		
9:30					
10:00					
10:30	Lec. - Embolic Lung Disease Dr. Qiao wc	Lec. - Integrated Case Discussion I Dr. Baydur wc	MDL - SPP Cases: • Pulmonary Embolism • Fat Embolism • Sleep Apnea Dr. Baydur & Faculty	MDL. -  Pathology Lab: Lung CA  Pathology Faculty	
11:00					
11:30					
12:00					
1:00	PPM Paying for Health Care	ICM Otolaryngologic Exam Workshop (Groups 1-14)  **	<b>Required</b> <b>Respiratory Practice Exam</b> <b>in BMT 103/203 Testing Facility</b>	Hypoxemic Respiratory Failure, Acute Respiratory Distress Syndrome (ARDS/Shock Lung)  Dr. Rothfeld wc	
2:00			ICM Groups 1-7 1 PM 103 ICM Groups 8-14 1 PM 203 ICM Groups 15-21 2:15 PM 103 ICM Groups 22-28 2:15 PM 203	MDL -  SPP Cases: • Pleural Effusion • ARDS • Restrictive Respiratory Disorders • Lupus  Dr. Baydur and Faculty	
3:00	<i>Medical Spanish III</i> <i>El examen músculo-esquelético Dr. D. Zarazúa</i> <i>Lec/Conv Lab 3:00-5:00 PM</i>			<i>Medical Spanish II</i> <i>Repaso de Sistemas General</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 3:00-5:00 PM</i>	
4:00	<i>Medical Spanish Elective I</i> <i>Nací en Los Angeles</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 4-6 PM SI-10</i>				
5:00		<i>ICM Quiz-B: CLOSES 10/27 @ 12:30 PM</i>	<i>Anatomic Imaging Independent Study. X-Ray review of normal &amp; abnormal cases with patient info &amp; radiographs available online</i>		
		<i>Self-study Online: Integrated Case PowerPoint online (Companion to Dr. Baydur's lecture). Clinical, Radiographical, Physiological Association</i>			

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# Respiratory System (2009-10)

# Week 4

<b>Infections / Cough and Hemoptysis / Anesthesia</b>										
11/2/2009 Monday		11/3/2009 Tuesday		11/4/2009 Wednesday		11/5/2009 Thursday		11/6/2009 Friday		
8:00	Lec. - Infections of the Lung Pathology Dr. Atkinson wc		Lec. - Microbiology I: Viral Causes of Pneumonia Dr. Comai		Lec. - Microbiology IV: Influenza Dr. Yuan wc		ICM		Lec. - SPP Case Discussion: Cough and Hemoptysis Dr. Abbott wc	
8:30	Lec. - Pathology Large Group Discussion: Pathology of the Acquired Immune Deficiency Syndrome Dr. Commins wc		Lec. - Microbiology II: Pneumonias Dr. Holtom wc		Lec. - Microbiology V: Clinical Tuberculosis Dr. Jones wc				Lec. - Pharmacology of Anesthesia Dr. Thangathurai	
9:00	MDL - Pathology Lab: Lung Infections Pathology Faculty		Lec. - Microbiology III: Infections Involving the Pharynx Dr. Homans wc		MDL - Microbiology Lab I: URI Dr. Li & Faculty				MDL - SPP Cases: • Community-Acquired Pneumonia • Aspiration Pneumonia/ Lung Abscess • Tuberculosis • Lung CA Dr. Baydur & Faculty	
9:30			Lec. - <i>ENT Pathology</i> Review Dr. Correa wc							
10:00										
10:30										
11:00										
11:30										
12:00										
1:00	Pathways #1						Lec. Microbiology VI: Systemic Mycoses Dr. Holtom wc			
2:00							Lec - Microbiology VII: Control of Transmissions: Lessons from SARS outbreak Dr. Li wc			
3:00							MDL - Microbiology Lab II: Lower Respiratory Tract Infection Dr. Li & Faculty			
4:00										
5:00										

*Blackboard Quiz 2 (Self-Study)*  
*Opens @ 12:00 PM; Closes*  
*11/13/09 @ 8:00 AM*

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# Respiratory System (2009-10)

# Week 5

<b>Review Sessions/Final Exam</b>					
	11/9/2009 Monday	11/10/2009 Tuesday	11/11/2009 Wednesday	11/12/2009 Thursday	11/13/2009 Friday
8:00	Lec. - Integrated Case Review II  Dr. Baydur wc	Lec. -  <i>Integrated Review Respiratory System Clin. &amp; Path.</i>			Final Exam (written) Includes Multiple Choice Questions and Clinical Reasoning Scenarios.  (Schedule to be announced)
8:30					
9:00					
9:30	Lec. - <i>Microanatomy Review</i>	<i>Drs. Baydur &amp; Koss</i>			
10:00	<i>Dr. Wood</i>				
10:30	Lec. -  <i>Microbiology Review</i>	Lec. - <i>Quiz Questions Review*</i>			
11:00					
11:30		<i>Dr. Baydur</i>			
12:00					
1:00	Lec. -  <i>ENT Clinical Review</i>				
2:00					
3:00					
4:00					
5:00	<i>Pharmacology Review Available Online</i>	* Bring ARS Clickers	<i>ICM Quiz: Gastrointestinal Exam Workshop Opens @ 12:00 PM</i>		

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