

REVISED

Keck School of Medicine University of Southern California

YEAR II SCHEDULE OF INSTRUCTION

Renal System September 7 – October 9, 2009

LECTURE ROOM: McKibben 249

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

SYSTEM CHAIRPERSON:

Mitra Nadim, M.D.

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Recommended Book List:

Eaton, D., Pooler, J., Vander, A. Vander's Renal Physiology, 7th Edition, McGraw-Hill Medical, 2009

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

Rennke, H.G., Denker, B.M., Renal Pathophysiology – The Essentials, 2nd Edition, Lippincott Williams & Wilkins, 2010

Shayman, J.A., Renal Pathophysiology, 1st Edition, Lippincott Williams & Wilkins, 1995

Koeppen, B.M. and Stanton, B.A., Renal Physiology, 4th Edition, Mosby, 2006

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

Office for Curriculum, KAM Building Room 314, Phone: 323-442-1763 FAX: 323-442-2318, E-mail: curroff@usc.edu

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Renal System (2009-2010)

Week 1

	9/7/2009 Monday	9/8/2009 Tuesday	9/9/2009 Wednesday	9/10/2009 Thursday	9/11/2009 Friday
8:00	Labor Day		Lec. - Proximal Tubule	ICM	
8:30		Lec. - Intro to Renal System Dr. Nadim wc	Dr. Lubman wc		
9:00		Lec. - Gross Anatomy Review of the Urinary Tract Dr. Albrecht wc	Lec. - Renal Microanatomy I		Lec. - Glomerular Filtration Dr. Peti-Peterdi
9:30					
10:00		Lec. - Urogenital Embryology Dr. Sucov wc	Dr. Peti-Peterdi		Lec. - Regulation of RBF, GFR, Tubular Reabsorption Dr. Peti-Peterdi
10:30			MDL - Renal Microanatomy Lab I		Lec. - Diuretics Dr. Yu wc
11:00	Lec. - Renal Physiology Dr. Peti-Peterdi	MA Faculty			
11:30					
12:00					
1:00	Labor Day	ICM Male/Female Genitalia Examination Workshop (Groups 1-14)		Lec. - Hormonal Control of Water Excretion Dr. Lubman wc	
1:30				Lec. - Concentrating and Diluting the Urine Dr. Lubman wc	
2:00				Lec. - Renal Microanatomy II Dr. Peti-Peterdi	
2:30				MDL - Renal Microanatomy Lab II MA Faculty	
3:00					
3:30					
4:00					
5:00		Self Study: Review Body Fluid Compartments (Core Curriculum) <i>ICM Quiz-A: CLOSSES 9/8 @ 12:30 PM</i> <i>ICM Quiz-B: Female/Male Genitalia & Breast Exam Workshop OPENS 9/8 @ 12:00 PM</i>			

wc=webcast; Medical Spanish Schedule will be updated

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Renal System (2009-2010)

Week 2

	9/14/2009 Monday	9/15/2009 Tuesday	9/16/2009 Wednesday	9/17/2009 Thursday	9/18/2009 Friday
8:00	Lec. - Sodium / Volume Homeostasis Dr. Lubman wc	Lec. - Regulation of Potassium Balance Dr. McDonough wc	Lec. - Renal Mechanisms of Acid Excretion Dr. Lubman wc	ICM	Lec. - Calcium and Phosphate Homeostasis Dr. Yu wc
8:30					
9:00	Lec.- Disorders of Sodium & Water Balance Dr. Yu wc	Lec. - Clinical Disorders of Potassium Balance Dr. Yu wc	MDL - Workshop #1 Hyponatremia Renal Faculty		MDL - Workshop #3 Acid / Base & Potassium Disorders Renal Faculty
9:30					
10:00	Lec. - Polyuria Dr. Kaptein wc				
10:30					
11:00					
11:30					
12:00					
1:00	PPM An Introduction to Culturally Competent Health Care for LGBT Patients	ICM Male/Female Genitalia Examination Workshop Groups 15-28		Lec. - Metabolic Acidosis Dr. Yu wc	Lec. - Disorders of Water Balance Review Dr. Nadim wc
1:30					
2:00	<i>Medical Spanish Elective III</i> <i>La anatomía externa</i> <i>y los signos vitales</i> <i>Lec/Conv Lab 3-5 PM</i>			Lec. - Metabolic Alkalosis Dr. Yu wc	
2:30					
3:00	<i>Medical Spanish Elective I</i> <i>Tengo 22 años</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 4-6 PM</i>		<i>Medical Spanish Elective II</i> <i>Historial familiar</i> <i>Dr. D. Zarazúa</i> <i>Lec/Conv Lab 4-6PM</i>	MDL - Workshop # 2 Hypertatremia & Polyuria Renal Faculty	
3:30					
4:00					
5:00					

ICM Quiz-B: CLOSES 9/15 @ 12:30 PM

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Week 3

	9/21/2009 Monday	9/22/2009 Tuesday	9/23/2009 Wednesday	9/24/2009 Thursday	9/25/2009 Friday
8:00		Lec.- Preventive Medicine		ICM	
8:30	Lec. - Overview of Acute Renal Failure	Dr. Samet wc	Lec. -		Lec.-
9:00	Dr. Nadim wc	Lec.- Clinical Evaluation of Renal Function	Clinical & Pathologic Features of Nephritic Syndrome		Chronic Kidney Disease & ESRD
9:30		Dr. Kaptein wc	Drs. Nadim & Koss wc		Dr. Akmal wc
10:00	Lec. - Clinical Aspects of Hematuria	Lec. -	MDL - Pathology Lab Nephrotic Syndrome & Nephritic Syndrome		Lec- Kidney Transplant
10:30	Dr. Nadim wc	Clinical & Pathologic Features of Nephrotic Syndrome		Dr. Alexopoulos wc	
11:00	Lec. - Clinical Aspects of Proteinuria			Lec- ESRD patient (Mr. Rosenbloom)	
11:30	Dr. Smogorzewski wc	Drs. Nadim & Koss wc	Pathology Faculty	Dr. Nadim wc	
12:00					
1:00	PPM Providing Care for Patients With Disabilities			Lec.- Urinalysis	Lec. - Potassium & Acid Base Disorder Review
1:30				Dr. Keyser wc	Dr. Nadim wc
2:00				Lec. - Pathology Lab Urinalysis	
2:30			Dr. Keyser wc		
3:00	<i>Medical Spanish Elective III Evaluación de la salud mental</i>		<i>Medical Spanish Elective II Historial social – General Dr. D. Zarazúa</i>		
	<i>Lec/Conv Lab 3-5 PM</i>		<i>Lec/Conv Lab 3-5 PM</i>		
4:00	<i>Medical Spanish Elective I ¿Habla Ud. español? Dr. D. Zarazúa</i>				
	<i>Lec/Conv Lab 4-6 PM</i>				
5:00	Self Study: Review Complement Cascade from Year I Immunology				

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Week 4

	9/28/2009 Monday	9/29/2009 Tuesday	9/30/2009 Wednesday	10/1/2009 Thursday	10/2/2009 Friday
8:00	Lec. - Inherited and Cystic Renal Disease Dr. Smogorzewski wc	Lec. - Kidney Stones Dr. Akmal wc	Lec. - Obstructive Uropathy and Prostate Disease Dr. Dunn wc	ICM	Lec. -
8:30					SPP # 4 Acute & Chronic Renal Failure Dr. Nadim wc
9:00	Lec. - Tubulointerstitial Disease & Drug Nephrotoxicity Dr. Madkour wc	Lec. - Pathology of Obstructive Uropathy & Cystic Disease Dr. Rashida Soni wc	Lec. - Congenital Renal Abnormalities Dr. Elliott wc		Lec. - Microanatomy Review Dr. Peti-Peterdi
9:30					Lec. - Physiology Review Drs. Lubman & Peti-Peterdi
10:00	Lec. - Microbiology & Clinical Features of Urinary Tract Infections Dr. Li wc	MDL - Pathology Lab Obstructive Uropathy, Cystic & Tubulointerstitial diseases Pathology Faculty	Lec. - SPP # 2: Proteinuria Dr. Nadim wc		
10:30	MDL - Microbiology Lab Urinary Tract Infection Dr. Li & Faculty		Lec. - SPP # 3: Hematuria Dr. Nadim wc		
11:00					
11:30					
12:00					
1:00				Lec. - Clinical and Pathologic Features of Neoplasms of the Urinary Tract System Dr. Skinner & Dr.Chandrasoma wc	
1:30				MDL - Pathology Lab Neoplasms of Kidney, Urinary Tract and Prostate Pathology Faculty	
2:00					
2:30					
3:00					
4:00					
5:00	Self Study: SPP #1 Urinary Tract Infections				

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Week 5

	10/5/2009 Monday	10/6/2009 Tuesday	10/7/2009 Wednesday	10/8/2009 Thursday	10/9/2009 Friday
8:00	Lec. - Normal Micturation and Voiding Dysfunction Dr. Ginsberg wc				
8:30		Lec. - Long Term Regulation of Blood Pressure Dr. McDonough wc			
9:00	MDL - Workshop #4 Voiding Dysfunction & Kidney Stones Urology Faculty		Study	Study	Exam (Schedule to be announced)
9:30		Lec. - Hypertension and Renovascular Disease Dr. Campese wc			
10:00					
10:30	Lec. - Glomerular Disease Review Dr. Nadim wc	Lec. - Pathology Review			
11:00					
11:30		Pathology Faculty			
12:00					
1:00					Exam (Schedule to be announced)
2:00					
3:00					
4:00					
5:00					

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