

## CURRICULUM VITAE

James H. Sondheimer, M.D.

### Office Address:

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### EDUCATION:

City College of City University of New York  
New York, NY  
Bachelor of Sciences, Physics, 1971

City College of City University of New York  
New York, NY  
Master of Arts, Physics, 1973

Albert Einstein College of Medicine  
Bronx, New York  
Doctor of Medicine, 1978

Johns Hopkins University School of Medicine  
Certificate in Business of Medicine, 1999 (12 MBA level credit-hours)

### TRAINING:

1978 - 1981 Internship and Residency in Internal Medicine  
Cornell University Medical College Cooperating Hospitals North Shore University  
Hospital and Memorial Sloan-Kettering Cancer Center

1981 - 1983 Fellowship in Nephrology  
Cornell University Medical College Cooperating Hospitals North Shore University  
Hospital and Memorial Sloan-Kettering Cancer Center

### FACULTY APPOINTMENTS:

1983 - 1991 Assistant Professor of Medicine, Wayne State University School of Medicine

**1991-present Associate Professor (Clinician-Educator) of Medicine**

#### HOSPITAL AND MEDICAL SCHOOL APPOINTMENTS:

1984 - 1998 Vice-chief of Nephrology, Harper Hospital

1985 - 1989 Member, Intensive Care Committee, Harper Hospital

**1989 - present Member, Drug Utilization Committee (formerly Pharmacy and Therapeutics  
Committee, Harper University Hospital)**

**1988 - 1998 Member, Morbidity and Mortality/Quality Assurance Committee,  
2002-present Department of Medicine, Harper Hospital**

**1990 - present Chairman, Nephrology M&M/QA Committee, Harper Hospital**

1992 - 1998 Member, Standing Orders Quality Enhancement & Clinical Resource Management  
Subcommittee, Harper Hospital

- 1993 – 1999 Member, Affiliated Internists Committee on Clinical Operations
- 1994 - 1998 Member, DMC Care/DMC Coordinated Health Care Utilization and Quality Management Committee
- 1998 – 2001 Member, DMC Care/DMC Coordinated Health Care Quality Utilization Management Committee Peer Review Subcommittee
- 1994 - 2000 Member, Affiliated Internists Reimbursement Review Committee
- 1995 – 1999 Chairman, Medical Computing Committee of WSU Department of Medicine
- 1995 - 1996 Member, Computer User's Committee, WSU School of Medicine
- 1995 - 1998 Medical Director, Nephrology Outpatient Practice
- 1996 - 1997 Member, Department of Medicine Critical Thinking Curriculum Committee
- 1997 – present Member, WSU School of Medicine Library Committee**
- 1997 – present Member, Physicians Advisory Committee DMC-CIS (Cerner) Project (presently combined with Medical Records Committee)**
- 1998 - 2000 Member, WSU School of Medicine Department of Medicine Promotion  
2002 - 2002 and Tenure Advisory Committee
- 2005 - 2006 **Interim Member, School of Medicine Promotion and Tenure Committee**
- 1998 - 1999 Co-Chair, Computer Network Committee of WSU SOM Faculty Senate
- 1998 - present Medical Director, Hemodialysis Unit, Harper Hospital**
- 2000 - present Member, Faculty Information Technology Advisory Committee, WSU School of Medicine**
- 2002 - 2002 Member, Board of Trustees, WSU School of Medicine FMRE
- 2002 - 2003 Member, AI Electronic Medical Record Committee
- 2004 - present Member, UIMS\_Ambulatory Practice Advisory Panel**
- 2006 - present Member, UIMS EMR Steering Committee**
- 2005 - 2006 Member and Chair, Urology 5 Year Review Committee**
- 2006 - present Member, WSU Faculty conflict of Interest Committee**

## **MAJOR PROFESSIONAL SOCIETIES:**

American College of Physicians (Elected to Fellowship 1991)  
American Society of Nephrology  
International Society for Peritoneal Dialysis  
National Kidney Foundation  
National Kidney Foundation of Michigan:  
    Scientific Advisory Board  
    Chairman, Nominations Committee, 1995, 1998  
    Member, Public Education Committee (1998-2003)  
    Member, Executive Committee 1999-2003  
    Co-Chairman Public Education Committee (1999-2003)  
Renal Physicians Association

## **LICENSURE AND BOARD CERTIFICATION:**

Licensed in State of Michigan  
National Board of Medical Examiners, 1979  
American Board of Internal Medicine, Diplomate, 1981  
American Board of Internal Medicine, Subspecialty Board of Nephrology, Diplomate, 1984  
American Board of Quality Assurance and Utilization Review Physicians, Diplomate, 1990

## **SERVICE:**

### **Patient care:**

**Nephrology Consultation Service Attending at Harper/DRH/RIM: 2 months**  
**Nephrology Inpatient MSR Service HUH. 2 months**  
**Nephrology Consultation Service Attending Detroit VAMC 1 months**  
**Attending physician at home peritoneal dialysis clinic: once weekly**  
**Attending physician at -Davita Kresge hemodialysis unit:6 months**  
**Supervising Physician at Nephrology Fellow Clinic: 1 session with 2 fellows weekly**

### **Journal/Editorial activity**

1991 - 1995	Hospital Formulary, reviewer
<b>1992 - present</b>	<b>Nutrition Research, reviewer</b>
1994 - 2003	American Medical Informatics Association, reviewer for Symposium on Computer Applications in Medical Care
<b>1996 - present</b>	<b>Editorial Board: Hypertension, Dialysis, and Clinical Nephrology (Internet- WWW publication)</b>
<b>1996 - present</b>	<b>ASAIO Journal, reviewer</b>
<b>1999 - present</b>	<b>Am J Kidney Disease, reviewer</b>
<b>1999 - present</b>	<b>Kidney International, reviewer</b>

- 2000 - present**    **Nephrology Editorial Board , Medicine, Ob/Gyn, Psychiatry and Surgery, on-line text-book**
- 2001-2002        Journal of Critical Illness, reviewer
- 2003 - present**    **Journal of Investigative Medicine, reviewer**

**Other Professionally Related Services:**

- 1989 - present**    **Michigan Peer Review Organization Member and Physician Advisor**
- 1993                Participant in American Board of Internal Medicine rectification process by submission of questions for subspecialty (nephrology) examination
- 1994 1995        Member, Michigan Renal Plan Task Force, Michigan Public Health Institute of the Michigan Department of Public Health
- 1996                Workshop Participant: Status of Peritoneal Dialysis in the United States NIDDKD, Bethesda, May 1996
- 1997- 2005**        **Member, State Renal Plan Task Force Advisory Board, Michigan Department of Community Health and NKF of Michigan**
- 1998 - 2005**        **State Renal Plan Task Force Advisory Board, Michigan Department of Community Health and NKF of Michigan Standards of Care-Professional Education-Managed Care Subcommittee**
- 1997                Affiliated Internists, Search Committee for MIS Director, Member
- 2000 - 2001        Member, Board of Directors, Unimed, Inc.
- 2002                Invited lecture to National Kidney Foundation of Michigan staff on Chronic Kidney Disease
- 2002 - present**    **Medical Director, Davita Greenview (Hemodialysis facility)**
- 2003                Appointed Member, Special Review Panel, VA Merit Review
- 2003                Appointed Reviewer, National Kidney Foundation K/DOQI: Blood Pressure Management and Use of Antihypertensive Agents in Chronic Kidney Disease Guidelines
- 2004                Elected Member of Medical Advisory Board, Gambro Healthcare

**TEACHING:**

***Courses at WSU School of Medicine:***

**Physical diagnosis Yr II 12 contact hrs/yr**  
**Nephrology Yr II 10 contact hrs/yr**

***Post-graduate Training:***

**4 months hospital rounding, supervising Fellows and Residents**

**Participation in divisional activities including biopsy conference, journal club, case conferences, basic science conferences 2 hrs/week**

**Mentoring of Residents and Fellows**

**Professors Rounds Lecture Series for Fellows, 2 hours**

**Outpatient Dialysis Rounding with Fellows, 2 months**

**Clinical research mentoring of Fellows**

***Graduate, Professional:***

Clinical Medicine course, College of Pharmacy and Allied Health Professions, 6 hours  
1996-1997

Course materials: contributions to core curriculum in nephrology and exam questions;

Development of curriculum and 2 lectures in Critical Thinking in Medicine

Course for Post-graduate medical trainees 1997

**GRANT SUPPORT:**

- 1990-1991 Sandoz Pharmaceuticals, Inc. "A controlled trial of safety and efficacy of isradipine vs. prazosin in the treatment of hypertension in patients with mild to moderate renal insufficiency" J. Sondheimer, MD Principal investigator
- 1991-1992 California Biotechnology, Inc. "A controlled trial of the safety and efficacy of anaritide in the prevention of radiocontrast induced nephropathy" J. Sondheimer, MD Principal Investigator
- 1993-1994 Scios-Nova, Inc. "A double-blind, randomized, placebo-controlled phase II/III multicenter clinical trial to evaluate the safety and efficacy of intravenous Auriculin<sup>TM</sup> (Human atrial natriuretic peptide) in the treatment of acute tubular necrosis" J. Sondheimer, MD Principal Investigator
- 1996 - 1997 Scios-Nova, Inc. "A randomized, double-blind, placebo-controlled, multicenter, Phase III clinical trial to evaluate the safety and efficacy of Auriculin<sup>TM</sup> Anaritide in the treatment of oliguric acute tubular necrosis". Budget: \$32,000 J. Sondheimer, MD Principal Investigator
- 2001- 2003 Medical Staff Trust Fund "Prevalence and Clinical Significance of Hypercoagulability in ESRD" \$24,800 James Sondheimer, MD Principle Investigator, *funding approved 9/7/01*
- 2002 - 2003 National Kidney Foundation of Michigan "Hypercoagulable States in Hemodialysis Patients" \$35,000 James Sondheimer, MD Principal Investigator, submitted 11/16/01, not funded
- 2003 - 2005 National Kidney Foundation KEEP 3.0 Study James Sondheimer, local PI (NOTE: National Study terminated September 2003 by NKF for fiscal reasons)**
- 2004 - 2005 Solutions. UNLOAD Trial, Co-Investigator 5%, Dr.M.Guglin, PI. \$5000 per enrolled subject**

**2004 - 2005**      **RP Study, Local PI Study withdrawn by sponsor**

**2005-Present**      **Co-I CRIC Study**

## **PUBLICATIONS:**

### **Original Observations in Referred Journals:**

1. Hart H and **J Sondheimer**. Integro-differential equation approach to mono-compartment data. *Computing in Biology and Medicine* 1:59-74, 1970.
2. Glass J, L Silver, C Pande, **J Sondheimer**, and J Coderre: Reversible attachment of cysteine containing polypeptides to polymers in aqueous solutions. *Biopolymers* 18:383-392, 1979.
3. Mossey R and **J Sondheimer**. Listeriosis in hemodialysis patients with transfusional iron overload. *Am J Med* 79:397-400, 1985.
4. Mahajan SK, D Rye, **J Sondheimer**, and FD McDonald: Copper metabolism in uremia: Effect of dialysis and zinc supplementation. *Trans Am Soc Artif Internal Organs* 31:521-524, 1985.
5. **Sondheimer JH**, SK Mahajan, DK Rye, DK Abu-Hamdan, SD Migdal, AS Prasad, and FD McDonald: Elevated plasma copper in chronic renal failure. *Am J Clin Nutrition* 47:896-899, 1988.
6. Abu-Hamdan DK, H Desai, **J Sondheimer**, J Felicetta, S Mahajan, and FD McDonald: Taste acuity and zinc metabolism in captopril-treated hypertensive male patients. *Am J Hypertension* 1:303A-308S, 1988.
7. Dorman H, **J Sondheimer**, and P Cadnapaphornchai: Mannitol-induced acute renal failure. *Medicine(Baltimore)* 69:153-159, 1990.
8. Bhatena D and **J Sondheimer**. The glomerulopathy of homozygous sickle hemoglobin disease. *J Amer Soc Nephrology*, 1:1241-1252, 1991.
9. SA Hood, B Schillo, GE Beane, V Rozas, **JH Sondheimer**. An analysis of the adequacy of preparation for ESRD care in Michigan. *ASAIO Journal*, 41:M422-M426, 1995.
10. J Lewis, M Salem, G Chertow, L Weisberg, F McGrew, TC Marbury, RL Allgren, and the Anaritide Acute Renal Failure Study Group. Atrial Natriuretic Factor in Oliguric Acute Renal Failure. *American Journal of Kidney Diseases*, 36:767-774, 2000.

### **Invited Articles/Review:**

1. **Sondheimer JH**: Toxic nephropathies in urologic infections. *Infections in Urology* 3:113-118, 1990.
2. **Sondheimer JH**: Acute Renal Failure. *MPRO Quality Connection* 3:1-7, 1992.
3. **Sondheimer JH**, FD McDonald: Refractory hypotension on dialysis. *Seminars in Dialysis* 6:400-401, 1993.
4. Hood SA, **JH Sondheimer**: Impact of pre-ESRD management on dialysis outcomes: A review. *Seminars in Dialysis* 11(3):175-180 (May-June) 1998.

### Book Chapters:

1. **Sondheimer JH** and SD Migdal: Toxic Nephropathies, In: Critical Care Clinics of North America 5:883-907, 1987.
2. **Sondheimer, J**: Nephrology, in USMLE Step 3 Recall, MW Ryan, ed. Lippincott, Williams and Wilkins, 2003. ISBN 0-7817-3617-X pp.384-413.
3. **Sondheimer J**: Hyporeninemic Hypoaldosteronism, in: **Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 2(6),2001 Revised 12/2005

### Book Chapters, Editor:

1. Qazi Y:Hyperuricemia, in:**Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 2(11),2001
2. Parmar MS: Crescentic Glomerulonephritis, in: **Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 3(11) 2002
3. Salifu MO: Diffuse Proliferative Glmoerulonephritis, in:**Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 3(6),2002
4. Mansur A: Membranous Glmerulonephritis, in: **Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 3(11),2002
5. Agrahakar M: Hypomagnesemia, in:**Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 3(2), 2002
6. El-Twal M: Hyponatremia, in: **Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 3(7), 2002
7. Brack M: IgA Nephropathy, in: **Medicine, Ob/Gyn, Psychiatry and Surgery**, on-line text-book <http://www.emedicine.com/> Cited as eMedicine Journal 4(2), 2003-02-26

### Book Associate Editor:

USMLE Step 3 Recall, Ryan MW editor, **J Sondheimer** Associate editor for Nephrology. Lippincott, Williams and Wilkins, 2003. ISBN 0-7817-3617-X

### Case Reports:

1. Abu-Hamdan D, **J Sondheimer**, and S Mahajan: Cautopyreiophagia: A cause of life-threatening hyperkalemia in a hemodialysis patient. Am J Med 79:517-519, 1985.
2. Das A, JE Puklin, TC Spoor, **J Sondheimer**, C Karanes: Retinopathy due to reno-vascular hypertension in a patient with non-Hodgkin's lymphoma. Arch Ophthalmol 110:1052-1053, 1992.

#### **PUBLISHED ABSTRACTS:**

1. Kellner D, P Cadnapaphornchai, A Golembieski, **J Sondheimer**, F McDonald: Response of cultured renal tubular cells to ischemia. *FASEB Journal* 4:A894, 1990.
2. **Sondheimer JH**, Migdal SD: Exit site infections in an urban CAPD population. *Peritoneal Dialysis International* 10 Supp 1:160, 1990.
3. Harrison D, R Nerves, V Villalon, A Weinmann, **J Sondheimer**, P Cadnapaphornchai: Outcome of HIV infected patients on hemodialysis. *J Amer Soc Nephrology* 6:532, 1995.
4. Aqeel A, PZ Kissner **JH Sondheimer**: Air embolism in hemodialysis: an old problem revisited (Abstract) *J Am Soc Nephrol* 9:A0848 (1998)
5. Amm JM, El-Rayes B, Andersen J, **J Sondheimer** Hypercoagulable States in ESRD (Abstract) *JASN* 2002
6. **Wadei H, Haririan A, Steffes J, Sondheimer, J Kissner P, Migdal SD, Department of Medicine. The Clinical Utility of the New PTH Assays in Dosing of Paracalcitol (PC) in Hemodialysis (HD) Patients. American Society of Nephrology, St Louis, Oct, 2004**

#### **PRESENTATIONS:**

##### ***International/national meetings, refereed***

1. **Sondheimer J** and S Mahajan: Inverse relationship of plasma zinc to serum lipids in hemodialysis patients. Presented at American College of Nutrition, 1984.
2. Migdal S, J Abraham, **J Sondheimer**, SK Mahajan, and FD McDonald: Pica in hemodialysis patients - high incidence/low morbidity IV International Congress on Nutrition and Metabolism in Renal Disease, 1985.
3. Mahajan SK, D Rye, **J Sondheimer**, D Abu-Hamdan, S Migdal, A Prasad, and FD McDonald: Hypercupremia in patients with renal disease. IV International Congress on Nutrition and Metabolism in Renal Disease, 1985.
4. Mahajan SK, SD Migdal, FK Port, J Abraham, **JH Sondheimer**, DK Abu-Hamdan, and FD McDonald: Zinc metabolism in CAPD patients. American Society of Nephrology, 1985.
3. **Sondheimer JH**, D Rye, SK Mahajan, and FD McDonald: Elevated free copper in chronic renal failure American Society of Nephrology, 1985.
6. Abu-Hamdan D, H Desai, **J Sondheimer**, J Felicetta, SK Mahajan, and FD McDonald: Effects of captopril on zinc status and taste acuity in male hypertensive patients. American Society of Nephrology, 1985.
7. Abu-Hamdan D, H Desai, **J Sondheimer**, J Felicetta, S Mahajan, and FD McDonald: Taste acuity and zinc metabolism in captopril treated male hypertensive patients. *AFCR* 1987.
8. Abu-Hamdan D, H Desai, **J Sondheimer**, J Felicetta, S Mahajan, and FD McDonald: Taste acuity and zinc metabolism in captopril treated male hypertensive patients. American Society of Hypertension, 1987.

9. **Sondheimer J**, D Rye, M Kraut, L Leichman, and FD McDonald: Use of cisplatin in ESRD: Pharmacokinetic Studies. International Society of Nephrology, 1987.
10. Bhatena D and **J Sondheimer**. Glomerular hypertrophy and focal sclerosis in homozygous sickle hemoglobinopathy (SS). International Society of Nephrology, 1987.
11. Dorman H, **J Sondheimer**, and P Cadnapaphornchai: Characteristics of mannitol-induced acute renal failure. American Society of Nephrology, 1987.
12. **Sondheimer JH** and SD Migdal: Exit site infections in an urban CAPD program. Presented at 10th Annual Conference on Peritoneal Dialysis, 1990.
13. Kellner D, P Cadnapaphornchai, A Golembieski, **J Sondheimer**, F McDonald Response of cultured renal tubular cells to ischemia. FASEB Meeting, 1990.
14. **Sondheimer JH**, L Johnson, J Abraham, SD Migdal: CAPD In the inner city: The Detroit Medical Center Experience. XII International Congress of Nephrology, June 1993.
15. Charochak AI, **JH Sondheimer**, NF Rossi, SD Migdal: Ischemic bowel in ESRD: Detroit Medical Center Experience. XII International Congress of Nephrology, June 1993.
16. **Sondheimer JH**, S Longton, SD Migdal: Heparin use in a large medical center hemodialysis unit. XII International Congress of Nephrology, June 1993.
17. S Hood, B Schillo, GE Beane, V Rozas, **J Sondheimer**. Factors affecting ESRD preparation in Michigan. NKF Spring Meeting, 1995.
18. **Sondheimer JH**, B Schillo, E Beane, S Hood: Adequacy of preparation for ESRD care in Michigan. ASAIO Annual Meeting, May 1995
19. B ElRayes, JM Amm, A Thallapureddy, **J Sondheimer**, J Andersen: Clotting Abnormalities in Hemodialysis (Poster) American Society of Hematology 2002.
20. Clinical Utility of the Newer PTH Assays in the Dosing of Paracalcitol in HD Patients H.Wadei, J Steffes, **JH Sondheimer**, A.Haririan, P.Kissner, S.Migdal American Society of Nephrology 2004 Annual Meeting

#### **Regional meetings, refereed**

1. **Sondheimer J**, S Bhat, D Abu-Hamdan, and S Mahajan: Increased renal zinc clearance on captopril: Report of a case. (Poster) American College of Physicians, Michigan Chapter, 1984.
2. Dorman H, **J Sondheimer**, and P Cadnapaphornchai: Mannitol induced acute renal failure. American College of Physicians, Michigan Chapter, 1987.
3. Cadnapaphornchai P, D Kellner, A Golembieski, **J Sondheimer**, F McDonald: Responses of cultured renal tubular epithelial cells to ischemia. 19th Annual Michigan Cardiovascular Research Forum, 1989.
4. Revannasiddappa VB, **J Sondheimer**, M Keshishian: Erythrocytosis associated with polycystic kidney disease presenting as homonymous hemianopsia. American College of Physicians Michigan Chapter, 1995.
5. Atef-Zafarmand A, **J Sondheimer**. Life threatening hypokalemia due to chewing tobacco. Presented Michigan ACP Associates Meeting May 2002

**6 Granulomatous Interstitial Nephritis presenting as Acute Renal Failure after exposure to Furosemide. Case Report and Review of the Literature. L. Corsino, MD; T. Burch, BS; K. Filippova, MD; J. Sondheimer, MD Michigan ACP Associates Meeting 2004**

**Invited lectures**

- 1993 "Management of Acute Renal Failure" University of Detroit Physician's Assistant Program
- 1993 "Chronic Renal Failure" Medical Grand Rounds at McLaren Hospital, Flint, MI (Michigan State University College of Medicine affiliate)
- 1993 "Scleroderma and the Kidney" Lecture to United Scleroderma Foundation
- 1993 "Management of Acute Renal Failure" University of Detroit Physician's Assistant Program
- 1993 "Update on Polycystic Kidney Disease" Medical Grand Rounds at Harper Hospital and at Allen Park VA Medical Center
- 1996 "Infections of Dialysis Access Devices" Case Management Conference, Harper Hospital Department of Medicine
- 1997 "Adequacy of Dialysis" Case Management Conference, Harper Hospital Department of Medicine
- 1998 "Panel: Planning for ESRD - Practice and Solutions" Invited panelist, American Society for Artificial Internal Organs 43<sup>rd</sup> Annual Conference, Atlanta, Georgia, April 1997
- 1998 "Update on CRF and ESRD" Grand Rounds/CME St. Mary's Hospital, Livonia
- 1999 "Calcium and Phosphorus Disorders" presentation at CAPD patient education conference
- 2000 "Anemia, Iron and Epogen" presentation at CAPD patient education conference
- 2001 "Update on Continuous Renal Replacement Therapies", Detroit VA Medical Center Critical Care Conference
- 2002 "Update on Continuous Renal Replacement Therapies", Detroit VA Medical Center Critical Care Conference
- 2004 "Dialysis Patients in the ED" WSU Department of Emergency Medicine**
- 2005 "Cardiorenal syndromes" Nephrology Basic Science Lecture**