

Stephen D. Migdal, M.D.

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EDUCATION:

High School: Mumford High School, Detroit, MI - 1960
Undergraduate: Wayne State University, Detroit, MI - 1964 (B.S.)
Graduate: Wayne State University, Detroit, MI - 1965 (Microbiology)
Professional School: Wayne State University School of Medicine, Detroit, MI – 1969 (MD)
School of Medicine

TRAINING:

7/69 - 6/70 Medical Intern
Detroit General Hospital, Detroit, Michigan
7/70 - 6/72 Medical Resident
Sinai Hospital of Detroit, Detroit, Michigan
7/72 - 1/75 Fellow in Nephrology
Boston University School of Medicine
7/72 - 6/74 Research Associate
Boston University School of Medicine
3/74 - 6/75 Medical Teaching Assistant and Senior Assistant Resident
Boston University School of Medicine

FACULTY APPOINTMENTS:

1/75 - 8/82 Assistant Professor of Medicine
Wayne State University School of Medicine
Detroit, Michigan
8/82 - 8/91 Associate Professor of Medicine
Wayne State University School of Medicine
Detroit, Michigan
4/83 - 11/91 Co-Director, Nephrology Division
Wayne State University School of Medicine
Detroit, Michigan
**8/91 - present Professor of Medicine
Wayne State University School of Medicine
Detroit, Michigan**

**11/91 - present Chief, Nephrology Division
Wayne State University School of Medicine
Detroit, Michigan**

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS:

10/80 - 10/82 Chief, Nephrology section
Department of Medicine
VA Medical Center
Detroit, Michigan

4/83 - 6/88 Co-Director, Nephrology section
Department of Medicine
Hutzel Hospital
Detroit, Michigan

**7/88 - present Chief of Nephrology section
Department of Medicine
Harper University Hospital
Detroit, Michigan**

MAJOR PROFESSIONAL SOCIETIES:

American College of Physicians - Fellow
American Society of Nephrology
International Society of Nephrology
American Federation for Medical Research
National Kidney Foundation
Transplantation Society of Michigan
Wayne County Medical Society
Michigan State Medical Society
American Heart Association
National Kidney Foundation of Michigan
American Association of Subspecialty Professors
International Society of Peritoneal Dialysis
Renal Physicians Association

LICENSURE AND CERTIFICATION:

American Board of Internal Medicine, 1973
American Board of Internal Medicine (Sub-Specialty, Nephrology) 1976

AWARDS AND HONORS:

Phi Delta Epsilon Medical Fraternity - Scholarship and Achievement Award
Medical Intern of the Year, Detroit General Hospital, Detroit, Michigan
Teacher of the Year - 1980, Hutzel Hospital
Fellow of American College of Physicians - 1982
National Award for best Adult Renal Rehab Program – 1997
WSU School of Medicine Teaching Award 1998
National Kidney Foundation Volunteer Award 1999
Champion of Hope Award – National Kidney Foundation of Michigan 2001
WSU School of Medicine Teaching Award 2001
WSU School of Medicine Teaching Award 2002
America's Top Physicians 2003
School of Medicine Teaching Award 2003
School of Medicine Teaching Award 2006
Top Docs – Hour Detroit Magazine 2006

SERVICE:

Patient care

1983 – 1999 Medical Director, Continuous Ambulatory Peritoneal Dialysis Program, Nephrology Division, Wayne State University School of Medicine

1983 - 1995 Clinical Nephrology Inpatient Service, 6-8 months/year

**1983 - present Clinical Nephrology Outpatient clinic, two 1/2 days weekly.
Clinical Call for Outpatient Dialysis 12 months yearly**

1995 - present Edit Policies and Procedures for Outpatient Hemodialysis Unit

1994 - present Edit Policies and Procedures for Home Peritoneal Dialysis Unit

1995 - present Rounding in outpatient Hemodialysis Unit, 4 months/year

1995 - 2000 Clinical Nephrology Inpatient Services, 4 months yearly

2000 -2004 Clinical Nephrology Inpatient Services, 3 months yearly

1995 - 1999 Medical Director - Hemacare Kresge Hemodialysis Center

1995 - 2003 Board of Directors of Hemacare Hemodialysis Units

1995 - 2003 Chairman, Medical Advisory Board for Hemacare Dialysis Center

1996 Testimony Before Public Bodies - Michigan State Department of Health - Management of patient with End Stage Renal Disease and Chronic Renal Failure

- 1999 - 2003 Regional Medical Advisory Board, DaVita Health Care
- 1998 - present Medical Director, DaVita Highland Park Dialysis Center**
- 1999 - present Medical Director, DaVita Health Care Kresge Dialysis Center**
- 1999 - present Medical Director, DaVita Health Care Redford Dialysis Center**
- 1999 - present Medical Director, DaVita Motor City Peritoneal Dialysis Unit**

Journal/Editorial Activity:

- 1989 - 1991 Reviewer - Journal of Artificial Internal Organs
- 1992 Reviewer - Abstracts - American Society of Nephrology - Annual Meeting
- 1994 - 1999 Reviewer - The Prostate
- 1995 Reviewer - Clinical Nephrology
- 1995 - 1999 Reviewer - Dialysis and Transplant
- 1999 Reviewer - J. American Society of Artificial Internal Organs
- 2000 Reviewer - American Journal of Medical Sciences
- 2000 - 2004 Reviewer - Neurology**
- 2001 - present Reviewer - J. American Society of Artificial Internal Organs**
- 2000 Reviewer - American Journal of Medical Sciences
- 2003 - 2006 Reviewer - Journal of Investigative Medicine**
- 2005 - present American Journal of Family Practice**

Other Professionally Related Services:

- 1983 - 1990 Board of Directors - WSU Department of Medicine faculty practice plan
- 1986 - 1990 University Internists faculty practice plan - Compensation Committee
- 1986 - 1989 Clinical Activities Task Force - Department of Medicine, Wayne State University
- 1991 - present Renal Transplant Task Force - DMC**
- 1991 - present Board of Directors – University Internal Medicine Specialists (UPG-Medicine)**

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| 1991 - present | Executive Committee – University Internal Medicine Specialists (UPG-Medicine) |
| 1990 - 1998 | Compensation Committee - Affiliated Internists |
| 2001 – present | Compensation Committee – University Internal Medicine Specialists (UPG-Medicine) |
| 1992 - 1994 | Practice Policy Committee - Affiliated Internists |
| 1995 - 1998 | Vice Chair Salary Task Force - Affiliated Internists |
| 1995 - 1999 | Board of Directors - Hemapartners |
| 1998 - 1999 | Overhead Implementation Committee Department of Medicine |
| 1998 - 1999 | Tranchida General Fund Allocation Implementation Committee Department of Medicine |
| 1998 - present | Secretary University Internal Medicine Specialists Board of Directors (UPG-Medicine) |
| 2001 | Chair, Affiliated Internists Bylaws Committee |
| 2002 - 2004 | Chairman’s Cabinet-Department of Internal Medicine WSU |
| 2002 - 2003 | Medical Director Search Committee Department of Medicine |
| National Boards and Committees | |
| 1986 - 1988 | Executive Committee of the Council on Clinical Nephrology Dialysis and Transplantation - National Kidney Foundation |
| 1997 - 2005 | Vice President of Executive Committee of Renal Network of the Upper Midwest |
| 1998 - 2001 | Chairman of Nominating Committee of Renal Network of the Upper Midwest |
| 2003 - Present | Vascular Access Task Force. Renal Network of the Upper Midwest |

State and local boards & committees

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| 1985 - 1988 | Chairman, Medical Review Board, Michigan End Stage Renal Disease Network |
| 1985 - 1988 | Executive Committee, Michigan End Stage Renal Disease Network |
| 1984 - 1988 | Grants & Fellowship Committee - Reviewer, National Kidney Foundation of Michigan |
| 1988 - 1990 | Chairman of Grants & Fellowship Committee, National Kidney Foundation of Michigan |
| 1988 - 1990 | Chairperson elect, Executive Committee, Scientific Advisory Board, National Kidney Foundation of Michigan |
| 1990 - 1994 | Chronic Disease Advisory Committee, Michigan Department of Public Health |
| 1991 - 1993 | Chairperson - Scientific Advisory Board, National Kidney Foundation of Michigan |
| 1992 | Long Range Planning Committee, National Kidney Foundation of Michigan |
| 1994 - 1995 | Immediate past Chairperson - Scientific Advisory Board, National Kidney Foundation of Michigan |
| 1995 - 2001 | Executive Committee Scientific Advisory Board, National Kidney Foundation of Michigan |
| 2001- present | Executive Committee NKF Michigan, Detroit Office |
| 2003- present | Scientific Advisory Board, National Kidney Foundation of Michigan |

Hospital Committees

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|--------------|---|
| 1983 - 1988 | Pharmacy & Therapeutics Committee, Hutzel Hospital |
| 1985 - 1988 | Vice Chairman - Medical Intensive Care Committee - Hutzel Hospital |
| 1985 - 1988 | Special Care Task Force - Hutzel Hospital |
| 1986 | Ad Hoc Committee on Economic Affairs - Hutzel Hospital |
| 1988 - 2001 | Medical Advisory Committee - Harper University Hospital |
| 1988 - 2000 | Chairman - End Stage Renal Disease Committee - Harper University Hospital |
| 1989 - 1990 | Utilization Review Committee - Harper University Hospital |
| 1991 - 10/97 | Chairman - Utilization Review Committee - Harper University Hospital |
| 1991 - 10/97 | Corporate Quality Assurance/Utilization Review Committee - Harper University Hospital |

- 1997 - 2001 DMC Renal Services Committee
- 1998 - 1999 Chairman - DMC Renal Physicians Coordinating Committee
- 1998 - 1999 Member Physician's Champion Committee - Harper University Hospital
- 1998 - 1999 Member Operational Team – Harper University Hospital
- 1999 - 2001 Member Faculty Private Practice Committee- Harper University Hospital
- 2001- present Harper University Hospital Medical Staff Operations Committee**
- 2001- present DMC Transplant Finance Subcommittee**

University Committees

- 1991 - 1999 Director of WSU Nephrology Fellowship
- 1994 Urology Internal Review Committee - Wayne State University
- 1994 - 1999 Dean's CME Committee Wayne State University School of Medicine
- 1995 - 1999 Board of Trustees Fund for Medical Research and Education, Wayne State University School of Medicine
- 2001 - 2003 Board of Trustees Fund for Medical Research and Education, Wayne State University School of Medicine
- 2001-2002 Endocrinology Search Committee - Department of Medicine
- 2003 - 2004 Cardiology Search Committee - Department of Medicine**
- 2003-2004 Rheumatology Search Committee - Department of Medicine**
- 2004 - 2005 Dean's search committee WSU School of Medicine**
- 2005 - 2006 Endocrinology Search Committee - Department of Medicine**

TEACHING:

1975 - present Wayne State University

Courses taught: Graduate Professional School

- 1975 -1996 Wayne State University Year III Student Renal Lectures
- 1975 - present Nephrology Basic Science lectures (1/yr)**
- 1975 - present Wayne State University School of Medicine, Year II Biology of Disease Course - Nephrology Section**
- 1975 - present Physical Diagnosis, Wayne State University, Year II Medical Students**
- 1986 - 1997 Wayne State University Internal Medicine Board Review Course
- 1989 Wayne State University Critical Care Board Review Course
- 1984 - present Wayne State University PGY II Medical Resident monthly Core Curriculum Lectures - Nephrology.**
- 1988 - present Emergency Medicine Lecture for Wayne State University PGY I Residents. (1/yr)**
- 1999 - present Nephrology Professor Rounds (3 yearly)**

Teaching rounds:

Three months of teaching rounds on the Nephrology service yearly
One month of General Medicine Teaching rounds yearly 1975-1998
Professor Rounds three times yearly
Weekly Peritoneal Dialysis Clinics
4 month yearly Hemodialysis Rounds
Nephrology O/P clinic - PGY II – weekly

Course/Curriculum Development:

- 1988 - 1995 Editor and contributor to nephrology core curriculum - medical residents
- 1985 - 1995 Coordinator Junior Renal Lectures
- 1998 - 2003 Course coordinator Year II medical students Biology of Disease course Nephrology Section
- January 1998 Edited clinical section of course manual for Year II Medical Students
- 2003 Developed and edited seminar questions - WSU Year II student biology of disease course

Developed syllabus on urinalysis for WSU Year II student biology of disease course

1988 - 2005 Edited and contributed exam questions for WSU Year II Student Biology of Disease Course

1995 - 1998 Developed and Edited Manual for Nephrology Fellows

2000 Revised and Edited Manual for Nephrology Fellows

2002 Planning Committee – Management of ARF in the Surgical Patient - DMC/WSU CME Course 4.5 CEU

2003-Present Dialysis Curriculum for Nephrology Fellows

2006 Coordinator of Renal Section of WSU PA Course

GRANT SUPPORT:

1988 - 1993 Comparison of a low protein diet to a very low protein diet supplemented Renal Keto Acid Product (RKAP) on Progression of Chronic Renal Failure; four year study - Co-Investigator, Ross Labs - \$483,000.00

1993 - 1994 Double Blind, Randomized, Placebo-controlled, Phase II/III Multicenter Clinical Trial to Evaluate Safety and Efficacy of Intravenous Auriculon in the Treatment of Acute Tubular Necrosis - Co-Investigator, SCIOS NOVA \$37,000.00

1997 - 1998 98 Study - Randomized Evaluation of Nisoldipine and Lisinopril for Treatment of Subjects with Mild - to - Moderate hypertension and Diabetes Mellitus (Renal) - Principle Investigator, Zeneca Pharmaceuticals \$54,600 (estimated)

2003 NHLBI, Chronic Renal Insufficiency Cohort (subcontractor to University of Michigan)(2003-2008)
WSU CO PI(2003)amount \$570,000

PUBLICATIONS:

Original Observations in Referred Journals:

1. **Migdal SD**, Alexander EA, Levinsky NG: The Effect of Hemodilution on Distribution of Renal Blood Flow. *Circ Res* 36:71-75, 1975.
2. Riley AL, Alexander EA, **Migdal SD**, Levinsky NG: The Effect of Ischemia on Renal Blood Flow in the Dog. *Kidney International* 7:27-34, 1977.
3. **Migdal SD**, Alexander EA, Levinsky NG: Evidence that Decreased Cardiac Output is not the Stimulus to Sodium Retention during Acute Constriction of the Vena Cava. *J Lab Clin Med* Vol 89, No. 4:809-816, 1977.
4. Briggs WA, Rozek RJ, **Migdal SD**, Shillis JL, Brackett RG, Brandon FB, Mahajan SK, McDonald FD: Influenza Vaccination in Kidney Transplant Recipients: Cellular and Humoral Immune

Responses. *Ann Int Med* 92: 471-477, 1980.

5. **Migdal SD**, Slick GL, Abu-Hamdan D, McDonald FD: Phenytoin, Renal Function and Renin Release. *J Pharmacol Exp Ther* 215:304-308, 1980.
6. Pontes JE, McDonald FD, **Migdal SD**, Kaplan M, Pierce JM Jr. Rosenberg JC: Lymphatic Complications in Renal Allografts - A New Look. *Urology*, XVII; 26-28, 1981.
7. Bhatena DB, Sobel JB, **Migdal SD**: Noninflammatory Renal Microangiopathy of Systemic Lupus Erythematosus ("Lupus Vasculitis"). *Am J Nephrol* 1:144-159, 1981.
8. Abu-Hamdan D, **Migdal SD**, Whitehouse R, Prasad AS, McDonald FD: Renal Handling of Zinc: Effect of Cysteine Infusion. *Amer J Physiol*, 241:5 F487-494, 1981.
9. Swartz RD, Millman RP, Billi JE, Bondar NP, **Migdal SD**, Simonian SK, Montforte JR, McDonald FD, Harness J, Cole KL: Epidemic Methanol Poisoning: Prospective Clinical and Biochemical Analysis: *Medicine*. 60 (5) 373-382, 1981.
10. Briggs WA, Wielechowski KS, Mahajan SK, **Migdal SD**, McDonald FD: Glucose Tolerance, Insulin Release and Insulin Binding to Monocytes in Kidney Transplant Recipients. *American Journal of Kidney Disease*. 1:302-308, 1982.
11. Mahajan S, Abraham J, Hessburg T, Prasad A, **Migdal SD**, Abu-Hamdan D, Briggs W, and McDonald F: Zinc Metabolism and Taste Acuity in Renal Transplant Recipients. *Kidney International*, 24: 5310-5314, 1983.
12. Mahajan S, Abraham J, **Migdal SD**, Abu-Hamdan D, and McDonald F: Effect of Renal Transplantation on Zinc Metabolism and Taste Acuity in Uremia: A Perspective Study. *Transplantation*, 32 (6): 599-602, 1984.
13. Mahajan SK, JA Speck, GA Varghese, DK Abu-Hamdan, SD Migdal, WA Briggs, AS Prasad and FD McDonald: Zinc metabolism in nephrotic syndrome. *Nutrition Res (Suppl)* 1:360-362, 1985.
14. Abu-Hamdan D, Mahajan S, **Migdal SD**, Prasad A, and McDonald F: Zinc Tolerance Test in Uremia: Effect of Ferrous Sulfate and Aluminum Hydroxide. *Annals of Internal Medicine* 104: 50-52, 1986.
15. Cooper DS, Steigerwalt S, **Migdal SD**: Pharmacology of Propylthiouracil in Thyrotoxicosis and Chronic Renal Failure. *Arch Intern Med* 147:785-786, 1987.
16. Bhatena DB, **Migdal SD**, Julian BA, McMorrow RG, Baehler RW: Morphologic and Immunohistochemical Observations in Granulomatous Glomerulonephritis. *Am J Pathol* 126:581-591, 1987.
17. Sondheimer JH, Mahajan SK, Rye DL, Abu-Hamdan DK, **Migdal SD**, Prasad AS and McDonald FD: Elevated Plasma Copper in Chronic Renal Failure. *Am J Clin Nutr* 47:896-9, 1988.
18. Abu-Hamdan, DK, Mahajan SK, **Migdal SD**, Prasad AS and McDonald FD: Zinc tolerance test in uremia: Effect of calcitriol supplementation on zinc absorption in uremia. *J Am Coll Nutr* 7235-240, 1988.
19. Bryg R, Gordon P, **Migdal SD**: Doppler-Detected Tricuspid, Mitral or Aortic Regurgitation in

End-stage Renal Disease. *Am J Cardiol* 14:2:149, 1989

20. **Haririan A, Morawski K, Sillix DH, El-Amm JM, Garnick J, West MS, Granger DK, Migdal SD, Gruber SA.** Induction therapy with basiliximab vs. thymoglobulin in African-American kidney transplant recipients. *Transplantation* 2005, 79(6):716-721
21. **Haririan A, Fagoaga O, Daneshvar H, Morawski K, Sillix DH, El-Amm JM, West MS, Garnick J, Migdal SD, Gruber SA, Nehlsen-Cannerella S.** Predictive value of HLA epitope matching using HLA Matchmaker for graft outcomes in a predominantly African-American renal transplant cohort. *Clin Transplant*, 2006:20:226-233.

Invited Articles/Reviews:

1. **Migdal SD:** Myoglobinuria and acute renal failure. *Journal of Critical Illness - In Consultation*, January 1992.
2. Crook ED, Thallapureddy A, **Migdal SD**, Flack JM, Greene EL, Salahudeen A, Tucker JK, Taylor HA, Jr. Lipid Abnormalities and Renal Disease: Is Dyslipidemia a Predictor of Progression of Renal Disease. *Amer J Med Sci* 2003; 325:340-348.

Books and Chapters:

1. McDonald FD, **Migdal SD** and Taher SM: Toxic Nephropathies; Tubulointerstitial Disease Due to Toxic Agents (Chapter 13), *Fundamentals of Nephrology*. Edited by John M. Weller. Hagerstown, MD. Harper Row, pp 172-186, 1979.
2. McDonald FD, Briggs WA, **Migdal SD:** The Kidney in Systemic Disease. *Renal Disease*. Edited by Walter Flamenbaum and Robert J. Hamburger. J.B. Lippincott Company, Philadelphia, PA 1981.
3. Mahajan S, Speck J, Varghese G, Abu-Hamdan D, **Migdal SD**, Briggs W, Prasad A and McDonald F: Zinc Metabolism in Nephrotic Syndrome. *Proc Health and Interactions Essential Toxic Elements*. M. Abdulle, (Editor).
4. Ganji S, Mahajan S, Abu-Hamdan D, and **Migdal SD:** Somatosensory evoked potential in uremia. *Proceedings for International Soc Artif Organs* 434-438, 1983.
5. Mahajan SK, **Migdal SD**, Port FK, Rye D, Abraham J, Abu-Hamdan DK, McDonald FD: Hypozincemia in Patients Undergoing CAPD. In *Advances in Continuous Ambulatory Peritoneal Dialysis*. Editors R. Khanna et al. Published University of Toronto Press 66-69, 1986.
6. Sondheimer JH, **Migdal SD:** Toxic Nephropathy. *Critical Care Clinic*. 5(4):883-907, 1987.

Case Reports:

1. Couser WG, Idelson BA, Stilmant MM, **Migdal SD**, Davis RC: Successful Renal Transplantation in Focal Glomerulosclerosis. Report of Two Cases. *Clinical Nephrology* Vol 4, No. 2:62-67, 1975.
2. Lawson J E, **Migdal SD**, Rosenberg JC, McDonald FD: Recovery Following Prolonged Postoperative Renal Failure. *J Amer Osteopathic Assn* 80:403-404, 1981.

3. Bryg RJ, **Migdal SD**, Gordon PR: Changes in the Degree of Obstruction in Hypertrophic Cardiomyopathy during Hemodialysis. Am J Noninvas Cardiol 1988;2:369-371.
4. Penumalee S, Kissner P, **Migdal SD**. Gabapentin-Induced Hypoglycemia in a Long-Term Peritoneal Dialysis Patient. Amer J Kidney Diseases; Vol 42, No 6 2003.
5. **Wadei H, Alangaden G, Sillix D, El-Amm J, Garnick J, Gruber S, Granger D, West M, Chandrasekar P, Migdal SD, Haririan A. West Nile encephalitis: An emerging disease in renal transplant recipients. Clin Transpl. 2004, 18:753-758.**
6. **Wadei H, Gruber SA, El-Amm JM, Garnick J, West MS, Granger DK, Sillix D, Migdal SD, Haririan A. Sirolimus Induced Angioedema AJT 2004 4(6) 1002-1005**

Educational Material:

1. Drugs and Your Kidney. National Kidney Foundation of Michigan. Public Service Brochure, 1984.
2. Patient and Staff Manual - CAPD Program, 1983 - revised 1988.
3. Handbook for Nephrology Fellows, 1993. - revised 1996 - revised 2000
4. Policies and Procedures - Medical Center Dialysis - edited 1996- revised 1998 - revised 2000 - Revised 2002
5. Policies and Procedures - Hemacare Dialysis Center - edited 1996 - revised 1998 - revised 2000 - Revised 2002
6. Nursing Assessment of the Hemodialysis Patient - 3 video lecture 1998

PUBLISHED ABSTRACTS:

1. Sondheimer JH, **Migdal SD**: Exit site infections in an urban program. Peritoneal Dialysis International, 1990.
2. Mamby SA, **Migdal SD**, and Bryg RJ: Left Ventricular Diastolic Filling in End Stage Renal Disease. Am J Noninvas Cardiol 4:298-301, 1990.
3. Sondheimer JH, Longton S, **Migdal SD**: Heparin use in a large medical center hemodialysis unit. XIIth International Congress of Nephrology, Abstracts, p. 400, 1993.
4. Sondheimer JH, Johnson L, Abraham J, **Migdal SD**: CAPD in the inner-city: the Detroit Medical Center (DMC) experience. XIIth International Congress of Nephrology. Abstracts, p.336, 1993.
5. Charochak AI, Sondheimer JH, Rossi NF, **Migdal SD**: Ischemic bowel in ESRD: Detroit Medical Center experience. XIIth International Congress of Nephrology, Abstracts, p. 375, 1993.
6. Reinitz ER, Kaplan MP, Longton S, Marrone M, **Migdal SD**: Observations on the use of a new self sealing dialysis Access Graft. International Multidisciplinary Symposium on Angioaccess for Hemodialysis. Touris France 1996.

7. Al-Makki A, Ali I, Marrone M, Abraham J, Flanner-Gathen S, Sands L, **Migdal SD**: PICA In Hemodialysis Patients. (HD) Is It A Problem? *J Am Soc Nephrol* 9:241A, 1998
8. Mohamed Quasem, Ghazwan Al-Tabbaa, Noreen F. Rossi, Kathy Daly, Mary Kay Koss, Shaukat Rashid, Joseph Dunbar, **Stephen D. Migdal**. Eating Disorders in Hemodialysis (HD) Patients: Is Leptin (Lpt) the Answer? *J Am Soc Nephrol* 12:408A:2001
9. Kulkarni PM, Mutchnick MG, **Migdal SD**, Ehrinpreis MN. Hepatitis B and C in urban hemodialysis centers: a Detroit experience. *Hepatology* 34(4pt.2):565A:2001.
10. Mohamed Quasem, Ghazwan Al-Tabbaa, Noreen F. Rossi, Kathy Daly, Mary Kay Koss, Shaukat Rashid, Joseph Dunbar, **Stephen D. Migdal**. Eating Disorders in Hemodialysis (HD Patients: Is Leptin (Lpt) the Answer? *J Am Soc Nephrol* 12:408A:2001.
11. Kulkarni PM, Mutchnick MG, **Migdal SD**, Ehrinpreis MN. Hepatitis B and C in urban hemodialysis centers: a Detroit experience. *Hepatology* 34(4pt.2):565A:2001.
12. Haririan A, Granger D, Morawski K, Sillix D, Garnick J, West M, Gruber S, **Migdal SD**. Does hepatitis C (HCV) increase risk of post-transplant diabetes mellitus (PTDM) A single-center experience. *J J Am Soc Nephrol* 2003, 14:426A.
13. **Haririan A**, Morawski K, Sillix D, El-Amm J, Garnick J, Granger D, West M, **Migdal SD**, Gruber S. The results of Thymoglobulin (ATG) vs Basiliximab (BSX) induction in African- American (AA) renal allograft recipients (RAR). *Am J Transpl* 2003, 3 (suppl 5): 354-355.
14. **Haririan A**, Morawski K, Sillix D, El-Amm J, Garnick J, Granger D, West M, **Migdal SD**, Gruber S. Experience with sirolimus (SRL)- vs tacrolimus (TCL)-based regimens in African-American (AA) renal transplant recipients (RTR) with delayed graft function (DGF). Accepted to Annual Meeting of American Society of Nephrology, St Louis. Oct. 2004.
15. 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
16. Haririan A, Sillix D, Morawski K, El-Amm JM, West M, Garnick J, **Migdal SD**, Gruber S. The Effect of Hepatitis C Virus (HCV) Seropositivity On Patient and Graft Survival and Post-Transplant Diabetes After Kidney Transplantation. *Amer J Transplant* 5 (suppl 11):301, 2005
17. Haririan A, Motorwala S, Gruber S, Morawski K, El-Amm JM, Garnick J, West M, **Migdal SD**, Sillix D. The Effect of Thiazolidinediones on Graft Outcomes in Diabetic Kidney Transplant Recipients. *Amer J Transplant* 5 (suppl 11):317, 2005
18. El-Amm, JM, Nayak V, Sillix D, Gruber S, West M, Garnick J, Morawski K, Wheeler D, **Migdal SD**, Haririan A. Post-Transplant Glomerulonephritis in Hepatitis C Positive Kidney Transplant Recipients. American Society of Nephrology, *J Am Soc Nephrol* 16:707A, 2005
19. Kosgi S, Nimmagadda S, Jena-Mohanty M, Edelstein M, **Migdal SD**, Abu-Hamdan D. Macrocytosis in Dialysis Patients Internal Medicine, John D. Dingell VA Medical Center,

Detroit, MI; Nephrology, Wayne State University American Society of Nephrology J Am Soc Nephrol 16: 872A, 2005

20. **Pastupulati R, Sillix D, Gruber S, Morawski K, El-Amm J, West M, Migdal SD, Haririan A. Barriers to Kidney Donation in an Urban Setting Department of Medicine, Wayne State University, Detroit, MI; Wayne State University, Detroit MI. American Society of Nephrology, J Am Soc Nephrol 16:696A, 2005**

PRESENTATIONS:

Invited and/or Refereed Internationally or Nationally:

1. Cardiac function and sodium excretion. American Federation for Clinical Research. Washington, D.C., 1975.
2. The role of atrial transmural pressure in the antinatriuresis of thoracic inferior vena cava constriction. International Congress of Nephrology, Montreal, June 1978.
3. Zinc metabolism in nephrotic syndrome. The American Federation for Clinical Research, November 1982.
4. Zinc metabolism and taste acuity in renal transplant recipients. American College of Nutrition, October 1982.
5. Zinc metabolism in nephrotic syndrome. International Symposium on Health Effects and Interactions of Essential and Toxic Elements. Lund, Sweden. June 1983.
6. Somatosensory evoked potential in uremia. International Society for Artificial Internal Organs. Japan, November 1983.
7. Pica in chronic hemodialysis (H) patients (pts) high incidence/low morbidity. International Congress on Nutrition and Metabolism in Renal Disease. October 1985.
8. Effect of 1,25(OH)₂D₃ on zinc absorption in uremia. American College of Nutrition, July 1985.
9. Course Coordinator and Lecturer, Michigan State Medical Society - Annual Meeting, 1986, 1988, 1989, 1993, 1994, 1995.
10. Effect of peritonitis on zinc metabolism in continuous ambulatory peritoneal dialysis patients. CAPD 6th National Symposium. February 1986.
11. Serum thymosin B₄ (TB₄) levels in patients with chronic renal failure (CRF). American Society of Nephrology 1988.
12. Seventeenth Annual Conference on Peritonea Renal Rehabilitation Dialysis with the Third International Symposium on Daily Home Hemodialysis and Eight Annual Symposium on Pediatric Peritoneal Dialysis, February 1997.
13. Renal Rehabilitation, A Physician's Perspective - Renal Network of the Upper Mid West - Annual Meeting - February 1998.
14. Eating Disorders in Hemodialysis Patients, Is Leptin the Answer? Annual Meeting American Society of Nephrology, Oct., 2001

15. Management of Peritonitis in Ambulatory Peritoneal Dialysis, GAMBRO Medical Directors Meeting, Charleston, SC, June 2001.
16. Haririan A, Granger D, Morawski K, Sillix D, Garnick J, West M, Gruber S, *Migdal SD*. Does hepatitis C (HCV) increase risk of post-transplant diabetes mellitus (PTDM)? A single-center experience. *J Am Soc Nephrol* 2003.
17. **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**
18. ***Haririan A, Morawski K, Sillix D, El-Amm J, Garnick J, Granger D, West M, Migdal SD, Gruber S*. The results of Thymoglobulin (ATG) vs Basiliximab (BSX) induction in African-American (AA) renal allograft recipients (RAR). American Society of Nephrology, St Louis. Oct. 2004.**
19. ***Haririan A, Morawski K, Sillix D, El-Amm J, Garnick J, Granger D, West M, Migdal SD, Gruber S*. Experience with sirolimus (SRL)- vs tacrolimus (TCL)-based regimens in African-American (AA) renal transplant recipients (RTR) with delayed graft function (DGF). American Society of Nephrology, St Louis. Oct. 2004**
20. **Haririan A, Sillix D, Morawski K, El-Amm JM, West M, Garnick J, *Migdal SD*, Gruber S. The Effect of Hepatitis C Virus (HCV) Seropositivity On Patient and Graft Survival and Post-Transplant Diabetes After Kidney Transplantation, American Transplant Congress, 2005**
21. **Haririan A, Motorwala S, Gruber S, Morawski K, El-Amm JM, Garnick J, West M, *Migdal SD*, Sillix D. The Effect of Thiazolidinediones on Graft Outcomes in Diabetic Kidney Transplant Recipients. American Transplant Congress, 2005**
22. **Pasupulati R, Sillix D, Gruber S, Morawski K, El-Amm JM, West M, *Migdal SD*, Haririan A. The Barriers to Live Kidney Donation in an Urban Setting. American Society of Nephrology, 2005**
23. **El-Amm, JM, Nayak V, Sillix D, Gruber S, West M, Garnick J, Morawski K, Wheeler D, *Migdal SD*, Haririan A. Post-Transplant Glomerulonephritis in Hepatitis C Positive Kidney Transplant Recipients. American Society of Nephrology, 2005**
24. **El-Amm JM, Sillix D, Doshi M, Morawski K, West M, *Migdal S*, Sternbauer D, Gruber S. Preliminary experience with cinacalcet use in persistent secondary hyperparathyroidism after kidney transplantation. *Amer J Transplant* 6 (suppl 12): 357, 2006**
25. **Ilioska D, Gruber S, Morawshi K, Sillix D, El-Amm JM, *Migdal S*, West M, Doshi M. Short-term medical complications following live kidney donation in a predominantly African-American Cohort. *Amer J Transplant* 6 (suppl 12): 396, 2006**

Invited and/or Refereed Locally/Regionally:

1. Effect of amino acid infusions on urinary zinc (Zn) excretion. Joint Meeting, Michigan Chapter, American College of Physicians and Michigan Society of Internal Medicine, June 1979.
2. National Kidney Foundation, Council on Renal Nutrition, November 1981.
3. Zinc metabolism and taste acuity in Renal transplant recipients. Regional Meeting of the American College of Physicians, October 1982.
4. Life threatening hypermagnesemia and alkalemia in a patient with renal failure and magnesium pica. Regional Meeting of the American College of Physicians, October 1983.
5. Zinc metabolism in nephrotic syndrome. Regional Meeting of the American College of Physicians, Harbor Springs, Michigan, October 1983.
6. Effect of phosphate binders and iron supplements on zinc absorption in uremia, Regional Meeting of American College of Physicians, Boyne Highlands, Harbor Springs, Michigan, October 11-14, 1984.
7. Group G streptococcal (S) arthritis and peritonitis in a peritoneal dialysis patient. American College of Physicians, October 1984.
8. Refeeding hypophosphatemia an unreported complication in a patient with chronic renal failure. American College of Physicians, October 1984.
9. Pica in chronic hemodialysis (H) patients (pts). National Kidney Foundation of Michigan 24th Annual Kidney Disease Symposium, June 1985.
10. Copper metabolism in patients with renal disease: Effect of dialysis, renal transplantation and zinc supplementation. Regional Meeting of the American College of Physicians, Michigan Chapter, Grand Traverse Village, Michigan, September 26-29, 1985.
11. Effect of vitamin D on zinc absorption in uremia. American College of Physicians, Michigan Chapter, October 1985.
12. Zinc metabolism in CAPD patients. Regional Meeting of the American College of Physicians, Michigan Chapter, Grand Traverse Village, Michigan, October 1986.
13. Pica in dialysis patients. Michigan Kidney Foundation, June 1988.
14. Urology Grand Rounds. Harper-Grace Hospitals, March 1989.
15. Nephrotic Syndrome. St. Joseph's Hospital, March 1989.
16. Critical Care Board Review Course. Harper-Grace Hospitals, November 1989.
17. Update in Nephrology. Michigan Health Center, November 1989.
18. Contrast Material and Nephrotoxicity. Harper-Grace Hospitals, March 1990.
19. Panel Induction for Renal Biopsy. Michigan College Physicians, October 1990.

20. Kidney Problems: Prevention and Treatment. Community Health Programs, City of Southfield, Department of Human Resources. Health Dimensions: Plain Talk Series, November, 1990.
21. Kidney Problems Update. National Kidney Foundation. WGPR Television, Channel 62. November, 1990.
22. Patient and Family Symposium. National Kidney Foundation, November 1990.
23. Core Curriculum for Nurses. Harper University Hospital, November 1990.
24. Update on Kidney Disease. Channel 62 television, December 1990.
25. Urinalysis. St. Joseph Hospital, December 1990.
26. Acute Renal Failure. Physician Assistant Lecture, Mt. Carmel Hospital, December 1990.
27. Nephrology Subspecialty Presentation: Proteinuria. St. Joseph's Mercy Hospital, January 1991.
28. Acute Renal Failure. Physician Assistant Lecture, University of Detroit Mercy, February 1991.
29. Board Review Course. Harper University Hospital, February 1991.
30. Renal Osteodystrophies. 12th Annual Nephrology Michigan ANNA Symposium, March 1991.
31. Kidney Transplantation in Blacks. WGPR-TV, March 1991.
32. Host, Donor Awareness Week. Organ Procurement Agency, April 1991.
33. Grand Rounds. Harper University Hospital, July 1991.
34. Grand Rounds. Veterans Administration Medical Center, Allen Park, July 1991.
35. Urology Grand Rounds: Radio Contrast Induced Nephrotoxicity, Harper University Hospital, October 1991.
36. Nephrology Grand Rounds: Renal Disease and Pregnancy. University of Michigan, October 1991.
37. Chairman's Address, Annual Meeting and Celebration. National Kidney Foundation of Michigan, Annual Meeting, October 1991.
38. Renal Function and Renal Failure. Providence Hospital, December 1991.
39. Organ Donation. Mt. Carmel Tabernacle Church of God and Christ, December 1991.
40. Electrolyte Abnormalities. Grand Rounds, Rehabilitation Institute, July, 1992.
41. Chairman address, National Kidney Foundation of Michigan, Annual Meeting, October, 1992.
42. Urology Grand Rounds: Toxic Nephropathy, Harper University Hospital, October, 1992.

43. Symposium: Toxic Nephropathy, Holy Cross Hospital, October, 1992.
44. Clinical Grand Rounds, Harper University Hospital, November 1992.
45. WWW Country Radio, National Kidney Foundation-Kidney Month, "Cause of Kidney Disease," March, 1993.
46. Acute Renal Failure and Parenchymal Disease. Board Review, OHEP, Northfield Hilton, May, 1993.
47. Acute Renal Failure. Emergency Lecture Series, Harper University Hospital, July, 1993.
48. Lecture: Pulmonary and Critical Care Introductory Lecture Series, August, 1993.
49. Lecture: Management of Renal Patients. Dieticians, Hutzel Hospital, October, 1993.
50. Urology Grand Rounds: Diabetic Nephropathy. November, 1993.
51. Lecture: The Kidney in Diabetes. Michigan State Medical Society, 1993 Annual Scientific Meeting, November, 1993.
52. Common Problems in Nephrology. Bon Secours Hospital, January, 1994.
53. Interstitial Nephritis. OHEP, St. Joseph's Hospital, February, 1994.
54. Kidney Disease Symposium. National Kidney Foundation, May, 1994.
55. Acute Renal Failure. Board Review, OHEP, Northfield Hilton, June, 1994.
56. Acute Renal Failure. Interns Emergency Lecture Series, Harper University Hospital, July, 1994.
57. Medical Student Board Review Course. Scott Hall, Wayne State University School Medicine, August, 1994
58. Treatment of Chronic Renal Failure - Good News and Bad News. Medical Grand Rounds, Detroit Medical Center, August, 1994.
59. Chronic Renal Failure, Medical Center Grand Rounds, VA Hospital, Detroit, Michigan, August, 1994.
60. Acute Renal Failure. Emergency Medicine Conference, Detroit Medical Center, September, 1994.
61. Hyponatremia. Michigan State Medical Society Annual Scientific Meeting, November, 1994.
62. Urology Grand Rounds: Renal Physiology. Harper University Hospital, November, 1994.
63. Disorders of Hyper and Hyponatremia. Michigan State Medical Society Annual Scientific Meeting 1995.
64. Interstitial Nephritis. St. Joseph's Mercy Hospital, Pontiac Michigan, May 1995

65. Current Concepts in Proteinuria and the Nephrotic Syndrome. Medical Grand Rounds, Providence Hospital, Southfield, Michigan, September 1995.
66. Proteinuria and the Nephrotic Syndrome, Detroit Medical Center Grand Rounds, Harper University Hospital, September 1995.
67. Proteinuria and the Nephrotic Syndrome, Veterans Hospital, Grand Rounds, Harper University Hospital, September 1995.
68. Glomerular function. Wayne State University Urology Grand Rounds, October 1995
69. Renal Function and Renal Failure. Surgery Grand Rounds, Sinai Hospital December 1995.
70. Diseases of the Renal Interstitium. Renal conference, St. Joseph Mercy Hospital Pontiac, Michigan, February 1996.
71. Acid Base Disorders. Medical Grand Rounds, Michigan State University - May 1996
72. Acute Renal Problems .PGY I Emergency Medicine Lecture, Wayne State University June 1996
73. Renal Physiology. Urology Grand Rounds, Wayne State University - October 1996
74. Acute Renal Failure. St. Joseph Mercy Hospital, Pontiac Michigan - January 1997
75. Scleroderma Renal Failure CPC., Wayne State University - February 1997
76. Proteinuria and the Nephrotic Syndrome - Michigan State University - Grand Rounds May 1997.
77. Rapidly Progressive Glomerulonephritis - Wayne State University - CPC - October 1997
78. Renal Physiology for the Urologist - Wayne State University - Department of Urology - Grand Rounds - February 1998
79. Interstitial Nephritis - St. Joseph Mercy Hospital - Pontiac Michigan February 25, 1998
80. Significance of Renal Failure – Department of Psychiatry Wayne State University March 12, 1998
81. Rapidly Progressive Glomerulonephritis, Medical Grand Rounds, Oakwood Hospital, Dearborn Michigan, May 1998
82. Acute Renal Failure, Internal Medicine Emergency Lecture Series, Wayne State University, July 1998
83. Diabetic Nephropathy PA Lecture Series, Wayne State University, 1998
84. Chronic Renal Failure – What You Should Know, St. Johns' Hospital, November 1998
85. Renal Physiology, Urology Grand Rounds, Wayne State University, October 1998
86. Nephrotic Syndrome, Medical Grand Rounds, Oakwood Hospital, May 1999

87. Current Concepts in the Treatment of Chronic Renal Failure, Texas Tech University, June 1999
88. Current Concepts in the Progression of Chronic Renal Failure, Medical Grand Rounds, Wayne State University, November 1999.
89. Acute Renal Failure, St. Joseph Hospital, Pontiac Michigan, October 1999.
90. Acute Renal Failure, Intern Emergency Lecture Series-Wayne State University-July 1999
91. Acute & Chronic Renal Failure, OHEP Board Review Course, Troy, Michigan, June 1999
92. Acute Renal Failure Intern Emergency Lecture Series – Wayne State University, July 2000
93. Renal Physiology – Urology Grand Rounds, Wayne State University, Sept 2000
94. Acute Renal Failure – Medical Grand Rounds, Michigan State University, May 2000
95. Renal Failure – OHEP Board Review Course, Troy, Michigan, June 2000
96. Analgesic Associated Nephropathy – “What is the Evidence” – Michigan Chapter American College of Physicians, Sept 2000
97. Analgesics – St. John’s Medical Center, Detroit, MI, March 2001
98. Glomerulonephritis – St. Joseph Hospital, Pontiac, MI, May 2001
99. Fluid & Electrolyte Problems, OHEP Board Review Course, Troy, MI, June 2001
100. Disorders of Sodium and Hyperkalemia, hyponatremia and Hyponatremia Management, Oakwood Hospital, Dearborn, MI, August 2001
101. Acute Renal Failure, St. Joseph Mercy Hospital, Pontiac, MI, February 2002.
102. Role of Medical Director in Documentation in Hemodialysis Units – Henry Ford Health Systems.
103. Neurology Grand Rounds – Acute Renal Failure 2002.
104. St. Johns Hospital – Contrast Nephropathy 2002.
105. DMC Grand Rounds – Contrast Nephropathy 2003.
106. Emergency Medicine Grand Rounds – Acute Renal Failure 2003.
107. WSU Medical Residents – Management of Chronic Kidney Disease 2003.
108. WSU Internal Medicine Emergency Lecture – Acute Renal Failure 2003.
109. Genesis Regional Medical Center – Proteinuria & the Nephrotic Syndrome 2003.
- 110. Professor Rounds – Jan 27, 2004**

- 111. Emergency Lecture – House Staff – Management of ARF, 2004**
- 112. Emergency Physician Lecture – ARF, 2004**
- 113. Medical Residents Core Curriculum Lecture – Renal Failure, 2004**
- 114. Hurley Hospital- Contrast Nephropathy, 2004**
- 115. OHEP Board Review – Acute and Chronic Renal Failure, 2004**
- 116. Vascular Access – Gambro Health Care, 2004**
- 117. Emergency Lecture – House Staff – Management of ARF, 2005**
- 118. Emergency Physician Lecture – ARF for ER Physicians, 2005**
- 119. Medical Residents Core Curriculum Lecture – CKD, 2005**
- 120. Medical Residents Core Curriculum Lecture – Body Fluid Compartments and Diuretics, 2005**
- 121. Detroit Medical Center Grand Rounds – CKD for Primary Care Physicians, 2005**
- 122. WSU Department of Medicine CME Course, Bay Harbor, MI July 2005 Management of CKD for Primary Care Physicians**
- 123. WSU Department of Medicine CME Course, Bay Harbor, MI July 2005 Evaluation of Patients with Hematuria and Proteinuria**
- 124. WSU Department of Medicine CME Course, Bay Harbor, MI July 2005 Workshop on Urinalysis**
- 125. Medical Residents Emergency Lecture – ARF, 08/2006**
- 126. Medical Residents Core Curriculum Lecture – Body Fluid Compartments & Diuretics, 2006**
- 127. Progression in Chronic Renal Failure – St. Joseph Mercy Hospital, Pontiac, MI, 2006**
- 128. Medical Grand Rounds – Acute Renal Failure – Sinai-Grace Hospital, Detroit, MI, 2006**