



## **Curriculum Vitae**

**Michael Middlebrook, M.D.**

**PRESENT TITLE:** Interventional Radiologist

**ADDRESS:** Interventional Radiology Clinic  
South Texas Radiology Group  
San Antonio, Texas

**UNDERGRADUATE  
EDUCATION:** Rice University  
Houston, Texas

**GRADUATE EDUCATION:** Southwestern Medical School  
Dallas, Texas  
M.D. Degree

**POST GRADUATE  
EDUCATION:** Internship  
Parkland Memorial Hospital  
Southwestern Affiliated Hospitals  
Dallas, Texas  
Categorical Internship in Surgery

Residency  
The University of Texas Health Science Center  
at Houston- Residency Radiology  
Department of Radiology  
Houston, Texas

Chief Resident  
The University of Texas Health Science Center  
at Houston-Chief Resident Radiology  
Department of Radiology  
Houston, Texas

Fellowship  
Fellowship in Interventional Radiology  
Hospital of the University of Pennsylvania

## **PREVIOUS ACADEMIC APPOINTMENTS:**

Assistant Professor of Radiology & Cardiovascular Surgery  
University of Texas Houston-Health Science Center  
Department of Radiology (1994-2001)

**LICENSURE:** Texas

**CERTIFICATION:** American Board of Radiology

Certificate of Added Qualification  
Interventional Radiology

## **PROFESSIONAL ORGANIZATIONS:**

The Society of Cardiovascular & Interventional Radiology

## **PROFESSIONAL ORGANIZATIONS SERVICE AND COMMITTEES**

SCVIR - Workshop Chairman, Conscious Sedation 1996-99

SCVIR - Workshop Faculty, Internet Courses 1996-2000

SCVIR - Internet Technology Assessment Committee, 1998-1999

## **PUBLICATIONS:**

### **Referred Original Articles in Journals:**

1. **Middlebrook MR**, and Eftekhari F: Sonographic findings in Richter's hernia. *Gastrointestinal Radiology*, 17(3): 229-230, 1992.
2. Kitagawa, S, Gleason, WA, Jr., Northrup, H, **Middlebrook, MR**, Ueberschar, E: Symptomatic hyperammonemia caused by a congenital portosystemic shunt. *J. Pediatrics*, 121(6):917-919, 1992.
3. Haskal, ZJ, **Middlebrook MR**: Creation of a stenotic stent to reduce flow through a transjugular intrahepatic portosystemic shunt. *JVIR* 5(6):827-829, 1994.
4. **Middlebrook MR**, Soulen, M., et al:Thrombosed dialysis grafts:mechanical balloon thrombectomy vs. thrombolysis. *Radiology*, 196:73-77, 1995.
5. Chen PC, **Middlebrook MR**, Goldman SM: Sister Mary Joseph Nodule from Metastatic Renal Cell. *Journal of Computed Assisted Tomography*. 1998 Sep-Oct;22(5):756-7.

### **Referred Original Articles in Journals (cont.):**

6. **Middlebrook MR**, Cohen AM, Wallace MJ, Clark J, Galati J: Improved Method for Transjugular Liver Biopsy. *JVIR* 1999; 10(6):807-809

7. **Middlebrook MR**, Sickler GK., Wallace, MJ., Maklad, N., Cohen AM: Transabdominal Ultrasound Guidance for Transvenous Biopsy of Focal Hepatic Masses. *JVIR* 2000 Mar;11(3):365-8.

8. Cocanour CS, **Middlebrook MR**, Lopez RM, Andrassy RJ, Marvin RG, Moore FA: Choledocho-Caval Fistula as a Result of a Right Flank Stab Wound, *Journal Trauma*. 2000 Jan;48(1):137-9.

9. Ernst RD, Kim HS, Kawashima A, **Middlebrook MR**, Sandler CM: Near real-time CT fluoroscopy using computer automated scan technology in nonvascular interventional procedures. *AJR* 174:319-321, 2000

10. Wallace MJ, **Middlebrook MR**: Percutaneous biliary reconstruction: A report of two cases utilizing "blunt" recanalization and "rendezvous" techniques. *Cardiovasc Intervent Radiol*. 2001 Sep-Oct;24(5):339-42.

11. Wallace MJ, **Middlebrook MR**, Wright KC: Creation of a Transrenal Arteriovenous Dialysis Shunt: Feasibility Study in a Swine Model. *J Vasc Interv Radiol* 2001 12: 1325-1332

### **Invited Articles:** (Reviews, Editorials, etc.)

1. **Middlebrook, MR**: Magnetic resonance spectroscopy: basic principles and clinical applications. Supplement to: *Applied Radiology*; p46-50, April 1993.

2. Interview: *Radiology Today*, "Dialysis grafts mechanical declotting", September 1994.

3. Soulen MC, Baum, RA, Benenati JF, Braverman SE, Cope C, Eschelmann DJ, Huettl EA, **Middlebrook MR**, Smith TP, Soulen RL: Meeting notes: Cardiovascular/Interventional Radiology. *Radiological Society of North America (RSNA)*, November 26 - December 2, 1994.

4. Soltes GD, Rainwater JR, **Middlebrook MR**, Cohen AM, Sickler KG, Sandler CM.: *Interventional Radiology*. *World Journal of Urology*. February 1998 16(1) 52-61.

## **Letters To Editors:**

1. Pivalizza EG, Gottschalk LI, Cohen AM, **Middlebrook MR**, Soltes GD. Anesthesia for Transjugular Intrahepatic Portosystemic Shunt Placement. *Anesthesiology*, 1996;85(4) 946-947.

## **Other Professional Communications:**

1. "Thrombosed Dialysis Grafts: Percutaneous Balloon Thrombectomy vs. Thrombolysis" Society of Cardiovascular Interventional Radiology (SCVIR) New Orleans, Louisiana (1993)
2. "Utility of MR Angiography in the Evaluation of Hepatic Artery Anatomy" Society of Cardiovascular Interventional Radiology (SCVIR) New Orleans, Louisiana (1993)
3. "Thrombosed Dialysis Grafts: Percutaneous Balloon Thrombectomy vs. Thrombolysis" Access IV Lake Buena Vista, Florida (May 5-7, 1994)
4. "Hemodialysis Graft Thrombosis: Effects of Graft Surveillance on Thrombosis Rate" Radiological Society of North America (RSNA) Chicago, Illinois (November 28-December 5, 1994)
5. "Transjugular Intrahepatic Portosystemic Shunt (TIPS)" The Greater Houston Society of Gastroenterology Nurses and Associates Annual Workshop: Advancements in Gastroenterology The University of Texas M.D. Anderson Hospital (Clark Clinic) Houston, Texas October 21, 1995
6. "Effect of Hemodialysis Graft Angioplasty on Hemodialysis Parameters." Society of Cardiovascular Interventional Radiology (SCVIR), Seattle, Washington March 2-7, 1996
7. "Identification of Patients Requiring Aortography for Evaluation of Acute Traumatic Aortic Tear (ATAT)." RSNA Annual Meeting Chicago, Illinois December, 1996
8. "Management of Dialysis Access: A Team Approach" RSNA Annual Meeting Chicago, Illinois December 1, 1996
9. "On the Use of MOSFET Dosimeters at the X-ray Port to Monitor Exposures to Patients During Fluoroscopically-guided Head and Abdominal Interventional Procedures" RSNA Annual Meeting Chicago, Illinois December 1, 1996

### **Other Professional Communications (cont.):**

10. "Conscious Sedation" Workshop (Coordinator)  
Society of Cardiovascular Interventional Radiology (SCVIR),  
Washington, D.C. March 9-13, 1997
11. "Introduction to Internet Resources" Workshop  
Society of Cardiovascular Interventional Radiology (SCVIR)  
Washington, D.C. March 9-13, 1997
12. "Reimbursement Comparison TIPS to Endoscopic Band Ligation for  
Treatment of Variceal Bleeding Cirrhotic Livers." Society of Cardiovascular and  
Interventional Radiology 22nd Annual Meeting  
Washington, D.C. March 8-13, 1997.
13. Texas Society of Radiologic Technologists, Inc. Annual Meeting Interventional  
Radiology and GI Bleeding Hyatt Houston  
Houston, Texas April 10, 1997
14. "Portal Vein Bifurcation in Cirrhotic Patients: An Anatomic Study of  
Explanted Cirrhotic Livers." Society of Cardiovascular and Interventional  
Radiology 22nd Annual Meeting  
San Francisco, Ca. February 28-March 5, 1998
15. "Introduction to Internet Resources" Workshop "Advanced Internet  
Resources" Workshop Society of Cardiovascular Interventional Radiology  
(SCVIR)  
San Francisco, Ca. February 28-March 5, 1998 March 20-25, 1999
16. Society of Cardiovascular and Interventional Radiology 23rd Annual Meeting  
Conscious Sedation Workshops (Coordinator)  
San Francisco, California February 28-March 5, 1998
17. Kawashima A, Ernst RD, **Middlebrook MR**, Goldman SM, Sandler CM. Run-  
off MR angiography following a single injection of gadolinium: evaluation of the  
renal arteries and the aortoiliac and distal femoral run-off. Society of Uroradiology  
Annual Meeting. Bermuda. June 1998.
18. "Conscious Sedation" Workshop (Coordinator)  
Society of Cardiovascular Interventional Radiology (SCVIR),  
Orlando, Florida March 20-25, 1999
19. Multi-disciplinary Trauma- Pelvic Fractures Transarterial Embolization for  
Hemorrhage UTHSC-Department of Surgery  
Houston, Texas September 21, 1999
20. 87th Annual Meeting of the Texas Radiological Society "Venous Access"  
Austin, Texas April 28-30, 2000

## EXHIBITS:

1. **Middlebrook MR**, Soltes GD, Cohen AM: Hemodialysis Access: A Team Approach: Radiological Society of North America Annual Meeting. Chicago, Illinois. November 30 - December 5, 1996.
2. **Middlebrook MR**, Cohen AM.: Practical Conscious Sedation - Complying with JCAHO and American Society of Anesthesiology Guidelines. Radiological Society of North America Annual Meeting. Chicago, Illinois. November 30 - December 5, 1997.
3. **Middlebrook MR**, Sickler GK, Cohen AM: Ultrasound Guided Transjugular Biopsy of Liver Masses. Radiological Society of North America Annual Meeting, Chicago, Illinois, November 29 - December 4, 1998.
4. Kim HS, Ernst RD, Kawashima A, Lutzker SL, **Middlebrook MR**, Sandler CM. The clinical usage of helical CT, SmartPrep - fluoroscopy in interventional procedure. Radiological Society of North America Annual Meeting. Chicago, IL. December, 1998
5. Sickler GK, **Middlebrook MR**, Wallace MJ, Maklad N, Cohen AM: Power Doppler Correlation with TIPS Venography. AIUM Annual Meeting, San Antonio, Texas, 1999. March 15<sup>th</sup> - March 19, 1999.
6. Huynh SL, Ernst RD, Kawashima A, **Middlebrook MR**, Tamm E, Kramer L, Sandler CM: Run-off MR angiography following a single injection of Gadodiamide: evaluation of aortoiliac and peripheral arteries. American Roentgen Ray Society Annual Meeting. New Orleans, LA. May 9-14, 1999.
7. Hallat A, **Middlebrook MR**: Value of a negative CTA for PE, Frank Weber Student Research competition, University of Texas at Houston Medical School, November, 1999.
8. Cohen AM, Wagner LK, **Middlebrook MR**, Wallace MJ, Dosimetry During Transjugular Intrahepatic Portosystemic Shunts. Radiological Society of North America Meeting. Chicago, Il. November 1999.
9. Barron BJ, Lamki LM, **Middlebrook MR**, Dosekun AK, Ephron VJ, Utility of Tc-99m Apticide (Acutech) in the evaluation of A-V grafts dialysis catheters and indwelling Intravenous catheters. Society of Nuclear Medicine Meeting, St Louis, MO. June 4-8, 2000.