

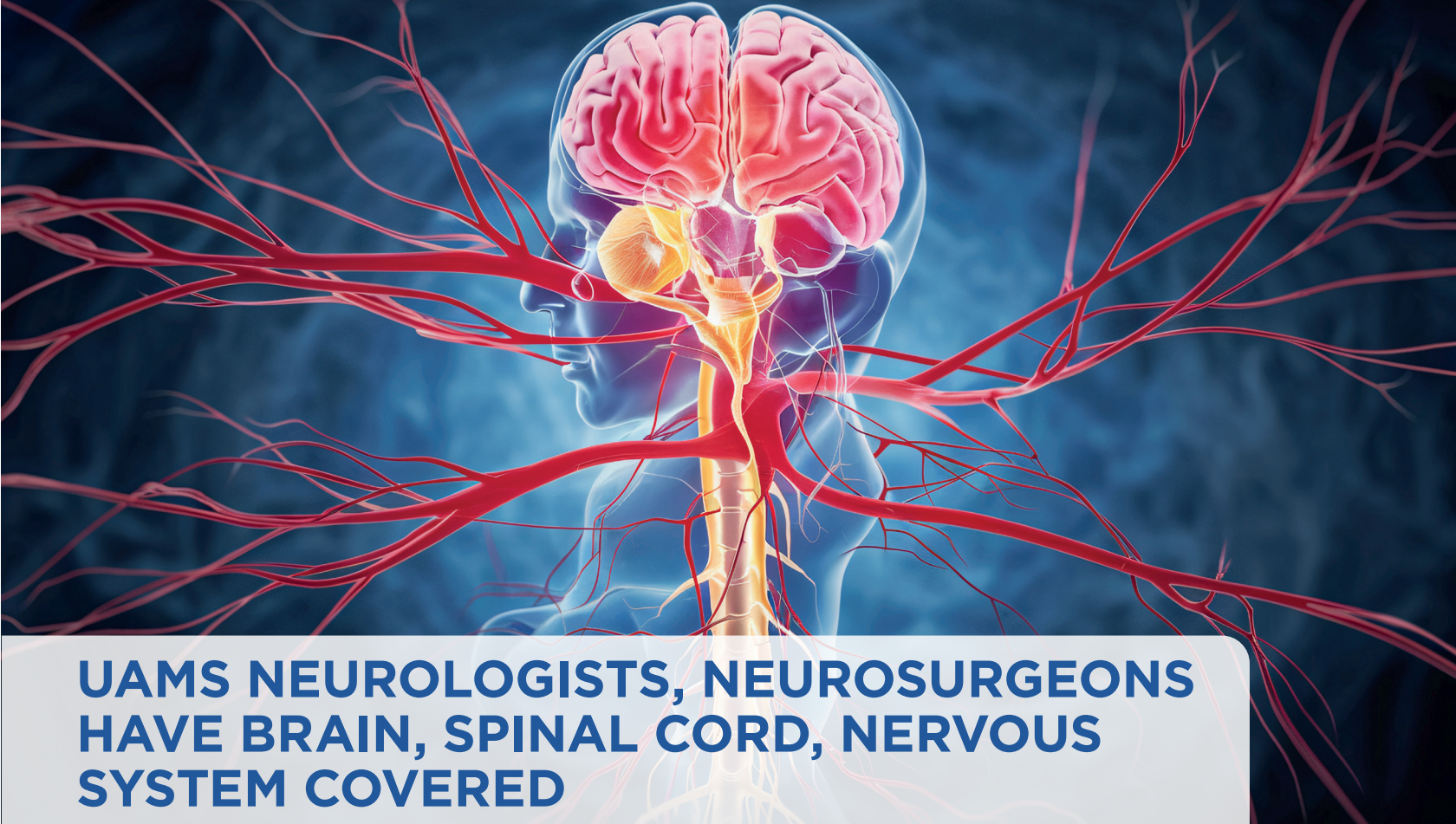


UAMS | University of Arkansas
for Medical Sciences

CONSULT

A Newsletter for Medical Professionals

WINTER 2025



UAMS NEUROLOGISTS, NEUROSURGEONS HAVE BRAIN, SPINAL CORD, NERVOUS SYSTEM COVERED

When it comes to the brain, spinal cord and nervous system, patients at the **University of Arkansas for Medical Sciences (UAMS)** are fortunate to have the expertise of world-class neurologists and neurosurgeons available under one roof.

While both diagnose and treat conditions that involve the nervous system, they perform different functions. Neurologists diagnose, treat and manage neurological disorders that are not surgical, while neurosurgeons surgically treat disorders or injuries to the brain, spinal cord, spine and peripheral nerves.

In keeping with UAMS' multidisciplinary mindset, they frequently work together and alongside clinicians in other disciplines to provide acute and ongoing care in both inpatient and outpatient settings, develop groundbreaking research and teach the next generation of health care professionals.

Some highlights:

The **UAMS Health Comprehensive Stroke Center** treats adult patients for all types of strokes, including ischemic strokes caused by blood clots as well as intracranial hemorrhage, or bleeding in the brain. In addition to being the first Joint Commission-designated Comprehensive Stroke Center (CSC) in the state, we provide around-the-clock treatment for acute stroke patients in about 60 locations statewide, including emergency rooms of other hospitals, through live, digital health-based stroke consultations.

Neurosurgeons address intracranial aneurysms in open operations or less-invasive endovascular techniques, providing aneurysm clipping for aneurysms that can cause brain bleeds. They and neurologists work

(Continued on page 2)

Cover story continued

closely with neurointerventional radiologists to address some of the most complex vascular conditions of the brain and spinal cord.

The UAMS stroke team treats intricate cases that were once considered untreatable.

The **Arkansas Epilepsy Center at UAMS** is the only Adult Level 4 comprehensive epilepsy center in Arkansas, as certified by the National Association of Epilepsy Centers (NAEC). It provides multidisciplinary evaluation for patients with seizures and epilepsy, and includes outpatient clinics, an EEG laboratory, an inpatient epilepsy-monitoring unit and neurosurgical services, including surgical management of medically refractory epilepsy.

Our **Comprehensive Multiple Sclerosis Care Center** is the only National Multiple Sclerosis Society-designated center in Arkansas. Through collaboration with the Brain Imaging Research Center (BIRC), we are advancing the understanding of MS-related disability and mechanisms of repair that will influence the future of MS, offering patients new hope for the future.

The **UAMS Movement Disorders Clinic** is one of just a few centers in the United States designated as a Comprehensive Care Center for Parkinson's disease by the Parkinson's Foundation Global Care Network. The foundation, as well as the Multiple System Atrophy (MSA) Coalition and CurePSP, which promote awareness of Multiple System Atrophy, Progressive Supranuclear Palsy and other neurodegenerative diseases, have all recognized UAMS for exceptional care, research, education and outreach for people with Parkinson's and Parkinsonism.

Our Movement Disorders Clinic also treats tremors, gait disturbances and Huntington's

disease, a fatal disorder for which UAMS is designated a Center of Excellence by the Huntington's Society of America (HDSA). The clinic offers advanced treatments such as Botulinum toxin injections for dystonia, hemifacial spasm and other conditions, and partners with neurosurgeons to provide deep brain stimulation, spinal cord stimulation and neuromodulation services to treat Parkinson's, chronic migraines, stroke and spinal cord injuries.

UAMS also provides management of migraines and other types of headaches and facial pain syndromes under the leadership of the only Headache Medicine board-certified neurologists in the state. The **UAMS Behavioral Neurology Clinic** provides diagnostic, evaluation and management services for patients with early, mild Alzheimer's disease and other related disorders, and works with researchers at the Donald W. Reynolds Institute on Aging to find new treatment targets.

The **UAMS Adult Neurofibromatosis (NF) Clinic** is the only Children's Tumor Foundation-designated clinic for adult neurofibromatosis patients in the United States. It provides comprehensive oncology, surgical, ophthalmology and audiology care, as well as psychological support, for people affected by a group of rare genetic disorders that cause tumors to grow on nerves throughout the body.

The UAMS neurosurgical team provides laser ablation and advanced brain-mapping technology, and was the first in Arkansas to provide Gamma Tile surgery, which inhibits regrowth of cancerous brain tumors immediately after removal.

To refer a patient to UAMS for neurology or neurosurgery services, send a fax to 501-603-1539.

WINTER 2025 Message from Dr. Krause



Dear Colleagues,

Have you heard that UAMS is expanding its Healthy Start program to Ashley, Ouachita and Union counties, in an effort to provide essential prenatal care services to women and families in south Arkansas?

The program, funded by the Health Resources and Services Administration, has served more than 1,700 clients and reduced preterm births among Marshallese communities by more than 3% since UAMS began offering it in 2019 in Northwest Arkansas.

Through Healthy Start, community health workers deliver vital services including clinical navigation, education, home visitation and comprehensive case management. The program is designed to support women who may have socioeconomic or systematic barriers to optimal health.

According to the Arkansas Center for Health Improvement, Arkansas ranks near the bottom in the country for both maternal and infant mortality. Pregnant women in rural and low-income areas experience worse maternal outcomes, due in part to more challenging social determinants of health such as higher food insecurity and transportation barriers. In Arkansas, Black mothers experience significantly higher maternal morbidity rates than any other race – nearly twice that of white mothers.

UAMS wants to hire staff from the program's target communities and collaborate closely with Black communities in south Arkansas to design a program that addresses their unique needs.

Please encourage your female patients in Ashley, Ouachita and Union counties who might be interested in enrolling to contact [UAMS.info/healthystart](https://www.uams.edu/healthystart) for more information. It is under the umbrella of the Institution for Community Health Innovation.

Thank you for spreading the word!

Michelle Krause

Michelle Krause, M.D.
Senior Vice Chancellor, UAMS Health
CEO, UAMS Medical Center
Professor of Nephrology
Department of Internal Medicine
UAMS College of Medicine



UAMS Welcomes Three New Orthopaedic Surgeons

Sean Parham, M.D., Paul Inclan, M.D., and Ryan Anthony, M.D., have joined the UAMS Department of Orthopaedic Surgery, bringing expertise in foot and ankle surgery, sports medicine and orthopaedic trauma, respectively.



Parham is a graduate of the UAMS College of Medicine, where he also completed his orthopaedic surgery residency before completing a fellowship at the University of Utah in Salt Lake City. He treats arthritic conditions, sports injuries, fractures and



deformities.

Inclan specializes in sports-related injuries, including complex knee surgery, ACL reconstruction and hip preservation. He is head team physician for the University of Arkansas at Little Rock Trojans and specializes in treating young athletes and advancing sports medicine through research. He earned his medical degree from Wake Forest School of Medicine, and completed an orthopaedic surgery residency at Washington University in St. Louis as well as a sports medicine fellowship at the Hospital for Special Surgery in New York City.

Anthony is an orthopaedic trauma surgeon with a focus on treating complex fractures and dislocations of the arm, leg and pelvis. He has expertise in treating bones that have not healed or that heal abnormally. He earned his medical degree from the University of Oklahoma, then completed his orthopaedic surgery residency at the University of Texas Health Science Center in Houston and a fellowship in orthopaedic traumatology at Harborview Medical Center at the University of Washington in Seattle.

All three practice at The Orthopaedic and Spine Hospital at UAMS. Parham and Inclan also see patients at the UAMS Health Orthopaedic & Spine Clinic in North Little Rock. In addition, Parham sees patients at the UAMS Orthopaedic Clinic on Shackelford Road and Inclan sees patients at the UAMS Orthopaedic Clinic on Colonel Glenn Road, both in Little Rock. Parham and Anthony also practice at the John L. McClellan Memorial Veterans' Hospital.

To refer a patient to Parham or Inclan, call 501-526-1046. To refer a patient to Anthony, call 501-686-6067.

Two Transplant Surgeons Join UAMS



John R. Montgomery, M.D., and Tsukasa Nakamura, M.D., Ph.D., have joined UAMS as liver, kidney and pancreas transplant surgeons.



Montgomery received his medical degree in 2015 from the Medical University of South Carolina in Charleston. He completed his general surgery residency at the University of Michigan Medicine in Ann Arbor, a fellowship in abdominal transplant surgery at New York University's Langone Medical Center, and a research fellowship at UM's Center for Healthcare Outcomes & Policy (CHOP).

Nakamura received his medical degree in 2008 and his doctoral degree in 2016, both from Kyoto Prefectural University of Medicine in Japan, where he also completed a general surgery residency. He completed fellowships in abdominal transplant surgery and in transplant surgery research at Massachusetts General Hospital in Boston.

Both see patients in Little Rock, and Montgomery also sees patients at the UAMS transplant satellite office in Texarkana. To refer a patient to either, call 501-686-6640.

(Continued on page 4)

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is produced by the UAMS Office of Communications & Marketing and Physician Relations & Strategic Development.

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CONSULT

Quiz of the Month

QUESTION

A patient with a solid tumor (i.e. lymphoma) develops nephrotic syndrome. What is the probable lesion in the kidneys?

Patients who have solid tumors and develop nephrotic syndrome usually have membranous glomerulopathy.

ANSWER

News to Know: Updates from UAMS

(Continued from page 3)



Cardiothoracic Surgeon Mark O. Hardin, M.D., Joins UAMS

Mark O. Hardin, M.D.,

a cardiothoracic surgeon, has joined the UAMS Department of Surgery.

He received his medical degree from UAMS in 2007, then completed a general surgery residency and a research fellowship at San Antonio Military Medical Center before becoming a general surgeon for the U.S. Army in Washington and Kansas, with deployments to Afghanistan, Kuwait and Syria.

He later completed a thoracic surgery residency at Vanderbilt University before working as a thoracic surgeon for three years at the Arkansas Heart Hospital. At UAMS, Hardin works with interventional cardiologists and specializes in coronary bypass surgery, mitral valve conditions and acute emergency care.

To refer a patient to Dr. Hardin, call his mobile number: 501-626-8669, or send a fax to 501-686-5323.



Vascular Surgeon Ulugbek Negmadjanov, M.D., Joins UAMS

Vascular surgeon

Ulugbek "Bek" Negmadjanov, M.D., RPVI, has joined the UAMS Department of Surgery's Division of Vascular and Endovascular Surgery.

He received his medical degree from Samarkand State Medical Institute in Uzbekistan. He completed his general surgery residency at the Yale School of Medicine and the Charles E. Schmidt College of Medicine at Florida Atlantic University, and a fellowship in vascular and endovascular surgery from the Wake Forest School of Medicine.

He specializes in managing arterial and aortic aneurysms and dissections, carotid artery disease and lower extremity arterial disease, and sees patients at the UAMS Health Vascular Surgery Clinic as well as at Baptist Health, the John L. McClellan Memorial Veterans' Hospital and Arkansas Children's. *To refer a patient to him, call 501-686-6176.*

UAMS Receives Magnet Designation for Nursing Excellence

UAMS has received Magnet designation, the highest international recognition for excellence in nursing, from the American Nurses Credentialing Center (ANCC), the largest nursing credentialing organization in the world.

Less than 10% of U.S. health care organizations have earned Magnet designation, which highlights exemplary professional nursing practices, interprofessional teamwork and superior patient care.



UAMS PHYSICIAN RECRUITMENT & PROVIDER PLACEMENT PROGRAM

The UAMS Physician Recruitment & Provider Placement Program

has a team of placement specialists dedicated to serving the recruitment needs of our partner communities, regional programs and UAMS faculty. Physician/provider opportunities are available in many specialties throughout Arkansas.

FEATURED JOBS

Surgeon needed in Magnolia

Magnolia Regional Medical Center is seeking a board-eligible, board-certified general surgeon.

Northwest Arkansas now hiring!

Washington Regional in Fayetteville is actively seeking physicians specializing in cardiology, hospital medicine, neurology, gastroenterology, nephrology and neurosurgery.

Interested in Academic Medicine?

UAMS has openings in many specialties including anesthesiology, cardiology, endocrinology, neurology, neurosurgery, obstetrics-gynecology, ophthalmology, orthopaedics, otolaryngology, pathology, pediatrics, physical medicine and rehabilitation, psychiatry, radiation oncology, radiology and surgery.

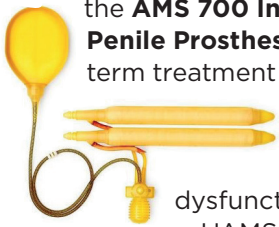
Visit [MedJobArkansas.com](https://www.MedJobArkansas.com) for a complete listing of job descriptions and opportunities. Follow MedJobArkansas:



Contact **Carla Alexander (501-686-7934 or carla@UAMS.edu)** to find out more about recruitment services.

UAMS Named Center of Excellence for Inflation Prostheses for Erectile Dysfunction

The University of Arkansas for Medical Sciences (UAMS) was recently designated a Center of Excellence for the **AMS 700 Inflation Penile Prosthesis**, a long-term treatment option for patients with erectile dysfunction (ED).



UAMS is the only urology practice in Arkansas to receive the designation, which recognizes experience with implantation and a commitment to continually educating patients and the community about erectile dysfunction and available treatment options.

Boston Scientific, which manufactures the AMS 700, specifically recognized urologist **Brian Langford, M.D.**, who regularly implants the devices at the UAMS Urology Center in the Premier Medical Plaza in Little Rock.

Langford said the implant is designed to restore function, allowing patients to be intimate and to regain their quality of life. ED is believed to affect more than half of men ages 40 to 70, and it can be brought on by several physical or psychological

causes, resulting in the inability to get and keep an erection firm enough for sex.

Langford said that a significant cause of ED is prostate cancer treatment, though other causes include diabetes and hypertension.

The outpatient procedure usually takes an hour to an hour and a half, though patients typically spend about three hours at the clinic altogether. Langford said he implants the device in the sedated patient through two small incisions — one left of the beltline and one just underneath the penis.

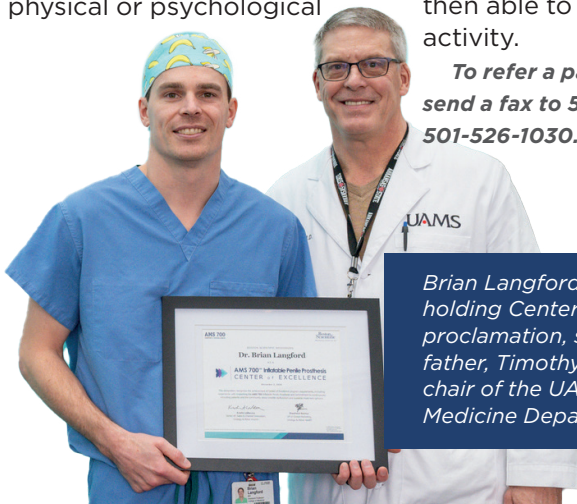
Boston Scientific said the implant is antibiotic-coated and is designed to deliver a natural look and feel that can help patients resume sexual intimacy with their partners.

In addition, Langford said, “The product is tailor-made to fit the patient’s anatomy.”

He discusses implant options with patients at an initial consultation and takes precise measurements.

After the procedure, Langford said, patients return to his office in four to six weeks to learn how to use the device, and most patients are then able to return to sexual activity.

To refer a patient to Langford, send a fax to 501-603-1539 or call 501-526-1030.



Brian Langford, M.D., holding Center of Excellence proclamation, stands with his father, Timothy Langford, M.D., chair of the UAMS College of Medicine Department of Urology.



P. SHEA BRANNAN, M.D.
Assistant Professor
Department of Orthopaedic Surgery
UAMS College of Medicine
Northwest Regional Campus,
Fayetteville
UAMS Health Orthopaedic and
Sports Medicine Clinic, Fayetteville

What inspired you to become a doctor?

That was a long time ago. My life has changed so much in the past 28 years, I don’t answer this one anymore.

What do you like most about your specialty?

I love the diversity of a hand practice. I love seeing patients ranging from newborn to 100 years old. Hand surgery has a diversity of patients with a diversity of ailments with never-ending challenges. It also allows me to truly get to know people. The majority of hand surgeons I know are extremely happy people. I feel like I perform my hobby for a living, and I hope to practice hand surgery into my 70s.

What makes you unique among your peers?

I am not as smart as them. I do not dress as well as them. I am not as tall as them. I pride myself on being accessible for my patients. Despite the multiple forms of media available to contact your care team, we as practitioners make it hard for patients. I try to give my patients direct access.

Why did you come to UAMS?

Wes Cox, M.D., section chief for UAMS Orthopaedics in Northwest Arkansas, hired me. It was an easy decision. I loved the idea of building something special from scratch in Northwest Arkansas. It means so much to my family and I to return to Arkansas after retiring from the U.S. Air Force and six deployments as a combat surgeon, and give back to a place that has given so much to us.

What do you like about working at UAMS?

I love the challenge of building for the university in a new location. I’m blessed to play a role with Arkansas Children’s Northwest, the Veterans Health Care System of the Ozarks and the university athletes. Watch us expand throughout Northwest Arkansas. I think it is important for the UAMS Health system to play a role statewide for the long-term welfare of the state.

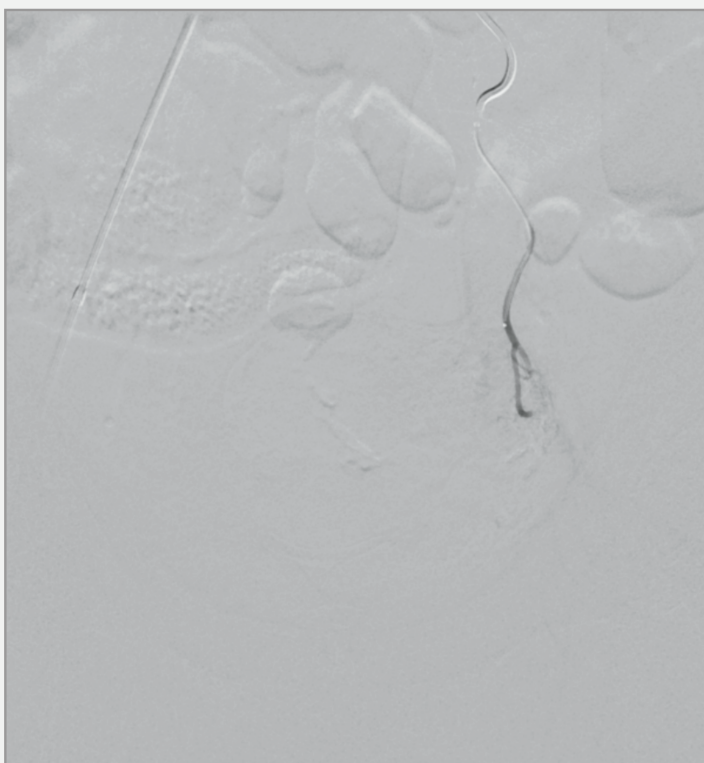
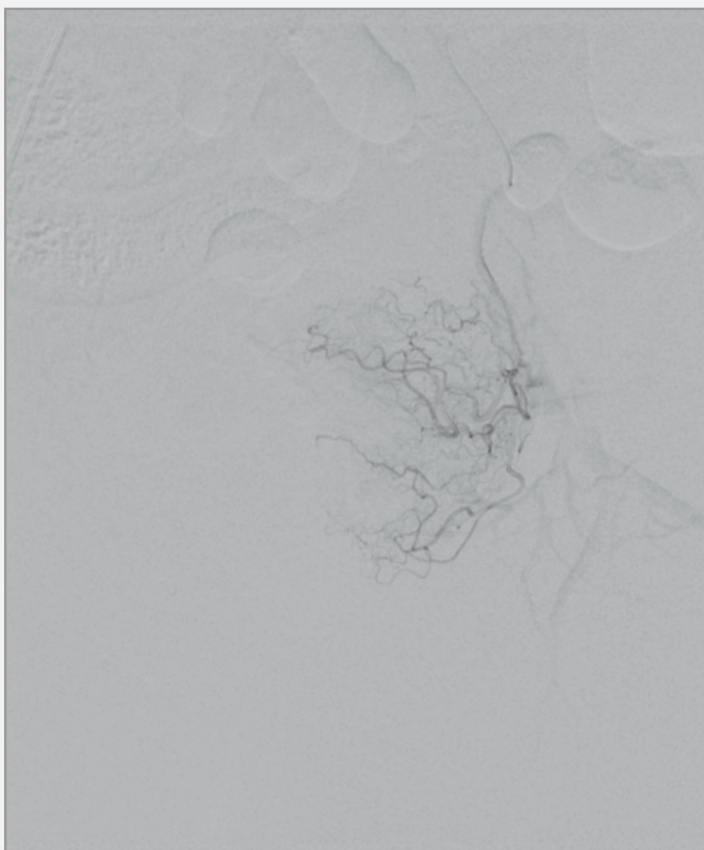
What are your clinical specialties?

Elbow, forearm, wrist, and hand. Everything from nerve, tendon and bone injuries to compressed nerves/arthritis to children with congenital hand problems.

What is the phone number doctors can use to make a referral to you?

It’s fine if they text my cell phone: 850-374-1400.

MEDICAL CASE STUDY: BENIGN PROSTATIC HYPERPLASIA (ENLARGED PROSTATE)



Before and after images of this patient's prostate artery embolization

Initial Contact

An 85-year-old man with an active lifestyle was having difficulty urinating due to benign prostatic hyperplasia (BPH), an enlarged prostate. He would awaken several times a night, but despite straining, could only release small amounts of urine at a time.

During an emergency appendectomy at UAMS, a temporary Foley catheter was inserted into his bladder through the urethra, allowing urine to drain into a collection bag outside the body. But after **Timothy Langford, M.D.**, removed it 28 days later, the urinary retention problem returned.

Langford, professor and chair of the Urology Department at the University of Arkansas for Medical Sciences (UAMS), discussed urological options with the patient, but all required surgery, which wasn't recommended at the patient's age.

Langford then scheduled an appointment for him with **Adam Berry, D.O.**, an interventional radiologist at UAMS.

Assessment

Berry specializes in prostate artery embolization (PAE), a minimally invasive outpatient procedure that wasn't available in Arkansas until 2022, when **Robert Dixon, M.D.**, an interventional radiologist, brought it to UAMS. Dixon trained Berry before retiring.



Berry said the patient's only options were transurethral resection of the prostate (TURP), which is the urologist-performed gold standard for BPH but requires anesthesia and carries a risk of incontinence and sexual dysfunction, or PAE. It requires no anesthesia, has a very low risk of complications, has a technical success rate of greater than 95:1 and has a clinical success rate above 80:1 after five years.

"This is a very easy option, and it's covered by Medicare," Berry said.

Procedure

On Feb. 27, 2024, as the patient was awake but sedated, Berry began the procedure by creating a small puncture wound in a numbed area of the groin, through which he inserted a micro-catheter. With the assistance of real-time fluoroscopy, he guided the catheter into the arteries that supply blood to the prostate.

Berry injected biocompatible hydrogel-coated microspheres into the right prostatic artery for about 10 minutes, until the tiny beads lodged, blocking all blood flow to the artery. He then did the same thing on the left side, through the same arterial access site.

Berry said that because prostatic arteries are very small, it can sometimes be difficult to navigate the catheter through their twists and turns, but he experienced no problems with this patient.

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“Without blood flow, the prostate shrinks,” Berry said. “It generally happens over a week or two. Within a week, the patient should be having relief of his urinary symptoms.”

Berry leaves a suture device to close the blood vessel, and the body absorbs the device on its own.

The patient usually spends two to four hours altogether at the outpatient center, including time for preparation and recovery, before going home the same day.

Follow-up

Berry said the patient is usually up and walking in two to three days and continues to improve over the next two weeks.

“Personally, I follow up in one to three days with a telephone call,” Berry said. If a follow-up visit is desired, it usually occurs about 30 days after the procedure.

“Afterward, PAE patients function pretty normally. Because we go through the blood vessel in the leg, we ask them not to do strenuous activities, but we want them walking around, climbing stairs, doing stuff that is just good for someone’s general health,” Berry said. “Usually after surgery there is a tendency to be a couch potato, and I discourage that mentality. I urge them to resume all normal activities.”

Ten months later, the patient said, “I never had any pain. I felt so good when I left. I don’t drizzle. I don’t strain. I haven’t been able to urinate like this since I was 25 years old.”

Discussion

Langford and Berry said the advantage of being treated for prostate problems at UAMS is the multidisciplinary mindset that assures comprehensive care, whether from a urologist or an interventional radiologist.

“From a urology standpoint, PAE should be offered as an option,” Langford said. “It is very technically demanding, but I’m just glad we have that expertise at UAMS.”

The American Urological Association recognized PAE earlier this year as a proven treatment for BPH, and now urges urologists to collaborate with interventional radiologists to identify patients who may benefit from what it calls “a safe outpatient procedure” that studies suggest provides long-term relief for most patients.

Berry said his patient had tried other ways to find relief, such as taking Flo Max, but “if he had known about this option earlier, he could have potentially avoided being in acute urinary retention and having a catheter.”

“There are a lot of silent sufferers,” Berry said, noting that BPH affects 50% of men over 50, 60% of men over 60 and 70% of men over 70.

For patients with BPH, the most common prostate condition, “It’s common for them to be unable to hold it when they have the urge,” he said. “Sometimes they have to get up to use bathroom several times a night, but we need restful sleep — particularly the elderly. With BPH, it always feels like you have to go.”

Referrals

To refer a patient to Berry, call 501-686-6918. To refer a patient to Langford, call 501-526-1030 or send a fax to 501-603-1539. Both doctors see patients at the UAMS Health Outpatient Clinic and the UAMS Health Urology Center at Premier Medical Plaza in Little Rock.

Adam Berry, D.O.



Assistant Professor
Department of Radiology-Division
of Interventional Radiology
UAMS College of Medicine

Education

Doctor of Medicine, Nova Southeastern University, Fort Lauderdale-Davie, Florida

Residency

Integrated Diagnostic and Interventional Radiology, UAMS

Additional Skills

Certificate of Added Qualifications in Diagnostic/Interventional Radiology, UAMS

Timothy Langford, M.D.



Professor and Chair
Department of Urology
UAMS College of Medicine

Education

Doctor of Medicine, UAMS College of Medicine

Internship

General Surgery, UAMS

Residency

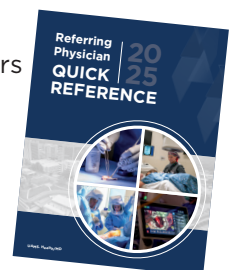
General Surgery and Urology, UAMS

2025 Referring Physician Quick Reference

The most up-to-date UAMS resources all in one place.

Includes information on:

- Appointment Quick Reference Contact Numbers
- Medical Records Fax Numbers
- EpicCare Link & SHARE
- Transplant Satellite Clinics
- Library
- Physician Recruitment
- Campus Map
- And Much More!



UAMS.Health/MD

ADDRESS SERVICE REQUESTED

UPCOMING EVENTS

FEBRUARY 26, 6-8 P.M.

Chest Club

Proton Power: Advancing Precision in Thoracic Cancer Therapy

12th Floor, Jackson T. Stephens Spine & Neurosciences Institute,

Attend in-person or by Zoom; RSVP by Feb. 24: Go.UAMS.edu/ChestClub

Leslie Harrell, D.O., and Mausam Patel, M.D.,
UAMS Radiation Oncology

MARCH 6, 1-2 P.M.

Lunch & Learn Lecture

CV Prep and Interviewing Tips

Texarkana Regional Program

Wendy Sheridan

UAMS Physician Relations

MARCH 6, 6-8 P.M.

Gut Club

Motility Topic

Subhankar Chakraborty, M.D., Ph.D.
Division of Gastroenterology, Hepatology & Nutrition; The Ohio State University Wexner Medical Center

MAY 8, 6-8 P.M.

Gut Club

Beyond the Knife: Health Literacy and Why It Matters

Daniel Chu, M.D.,
Director, GI Surgery, University of Alabama

JULY 31, 6-8 P.M.

Gut Club

New Nomenclature and Treatments in MASLD

Blanca Lizaola, M.D.
Director, Liver Transplant Division, Mayo Clinic Arizona

OCT. 9, 6-8 P.M.

Gut Club

Pancreatic Disorders

Motaz Ashkar, M.D.
Mayo Clinic Rochester



For more information on upcoming events, please visit UAMShealth.com/MD

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