

LOYOLA

MEDICAL NEWS

FALL 2019

Loyola Orthopaedics

From Routine to Complex
“and Everything in Between”



11 Behavioral
Cardiology

12 Top Doctors
for Women

15 IORT for
Glioblastoma

17 1,000th
Lung Transplant



LOYOLA MEDICAL NEWS

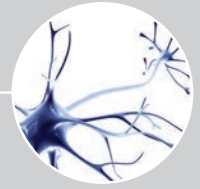
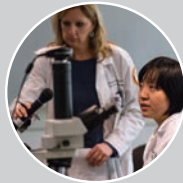
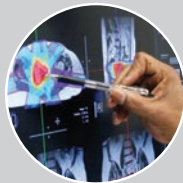
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Table of Contents



3

NEUROSCIENCES NEWS

SCI Research Program

4

COVER STORY

Nonoperative Treatments Offered • Female Orthopaedic Surgeons • Blue Distinction Center + 3D-printed Implant

9

LOYOLA PHYSICIANS IN THE NEWS

10

PATHOLOGY NEWS

The *Pathologist* Magazine Power List

11

CARDIOLOGY NEWS

Platinum Award for MI Care • Hypertension Control Initiative • Behavioral Cardiology

12

LOYOLA IN THE NEWS

U.S. News & World Report • Top Doctors for Women
Loyola 50th Anniversary • VeggieRx

14

ONCOLOGY NEWS

Cord Blood Donor Meeting • IORT for Glioblastoma • CLL Treatment Trial

16

GASTROENTEROLOGY NEWS

Imaging System Evaluates Swallowing Disorders
Minimally Invasive POEM for Achalasia

17

TRANSPLANT NEWS

Loyola Performs 1,000th Lung Transplant

18

CASE REPORTS (VIDEOS)

19

APPOINTMENTS

20

ONGOING CLINICAL TRIALS

24

NEW PHYSICIANS

Loyola Medicine Launches SCI Research Program

Loyola Medicine has launched a research program to study a new treatment approach for stroke and spinal cord injury patients that involves electrically stimulating nerves.



Russ Nockels, MD

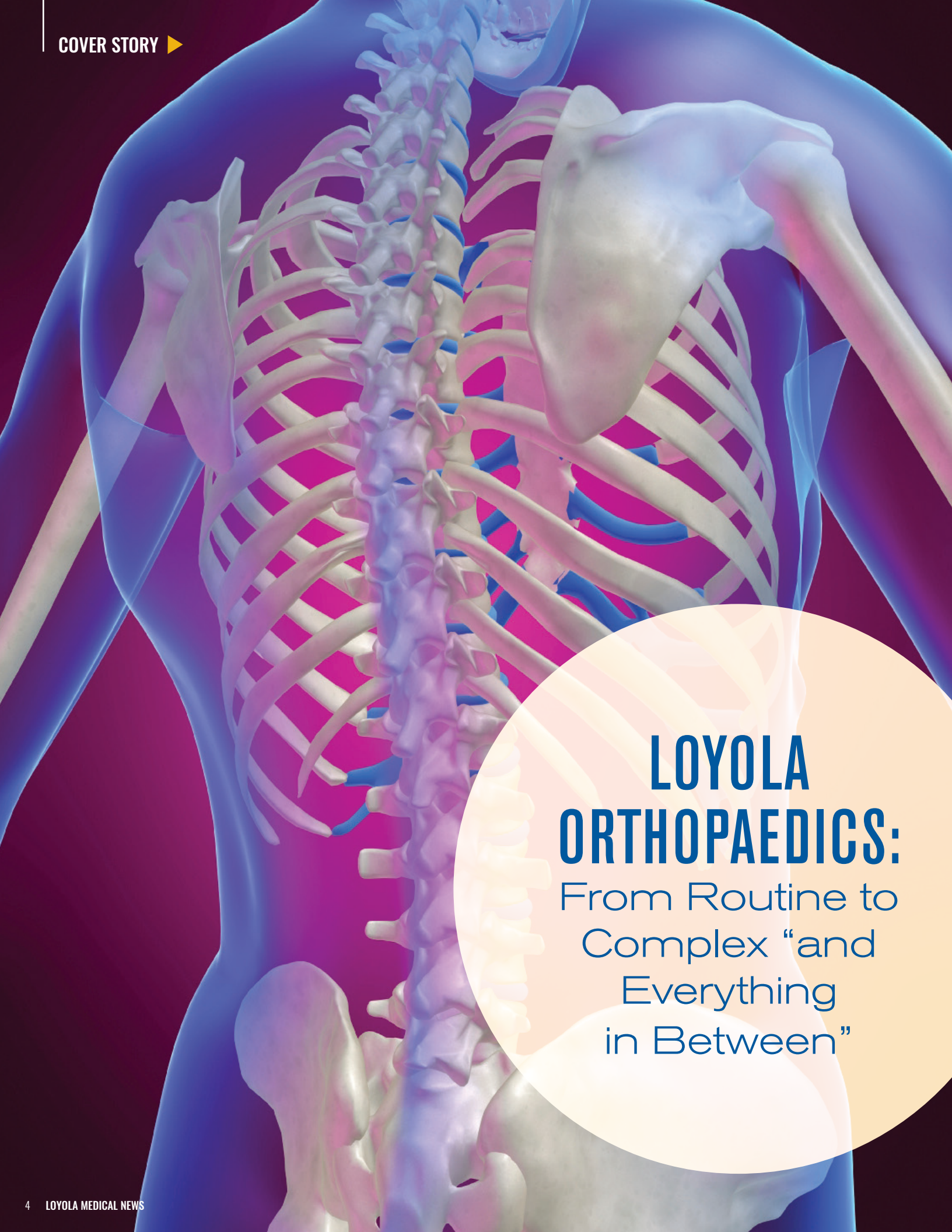
The Kalmanovitz Central Nervous System Repair Research Program is funded by a \$500,000 gift from the Kalmanovitz Charitable Foundation. The program is directed by Loyola neurosurgeon Russ Nockels, MD, who has been treating and studying spinal cord injuries for 30 years.

The research goal is to improve a patient's ability to function, and to develop a relatively inexpensive treatment that could be adapted worldwide.

The theory behind electrical stimulation treatment is based on activity-dependent plasticity – the central nervous system's ability to adapt to a stroke or spinal cord injury by changing its wiring and circuitry. A simple activity, such as moving an arm or a leg, can enhance plasticity and thus improve recovery from a spinal cord injury or stroke. A preliminary Loyola Medicine study found that electrical stimulation appeared to enhance activity-dependent plasticity. Stimulation resulted in significantly greater functional recovery compared to when stimulation was not used. ■

The theory behind electrical stimulation treatment is based on activity-dependent plasticity – the central nervous system's ability to adapt to a stroke or spinal cord injury by changing its wiring and circuitry.





**LOYOLA
ORTHOPAEDICS:**
From Routine to
Complex “and
Everything
in Between”

After four back surgeries and 19 years of chronic pain, Tom Cogozzo was referred to Loyola Medicine orthopaedic surgeon Lauren Matteini, MD.

Four vertebrae from a previous spinal fusion had not fused properly. Hardware was coming loose and Mr. Cogozzo's posture was pitched forward. Despite taking high doses of pain medications, he was in constant pain, and his condition was getting worse.

Dr. Matteini, who is fellowship trained in spine surgery, removed the old hardware and performed an osteotomy to realign Mr. Cogozzo's spine. The 10-hour surgery restored Mr. Cogozzo's posture, and now he is pain-free and off pain medication.

"My back has not felt this good in 19 years," Mr. Cogozzo said.

Mr. Cogozzo's surgery is an example of the advanced orthopaedic procedures that generally are available only at an academic medical center such as Loyola University Medical Center. Other examples of complex orthopaedic conditions treated at Loyola include benign and malignant tumors of bone and soft tissue (Anna Cooper, MD); elbow replacements (Nickolas Garbis, MD, and Dane Salazar, MD); complex orthopaedic fractures from high-energy trauma (Hobie Summers, MD, and Joseph Cohen, MD); and pediatric congenital hand problems such as polydactyly and syndactyly (Felicity Fishman, MD).

Loyola's department of orthopaedic surgery and rehabilitation also treats a full range of less complex orthopaedic injuries, conditions and diseases.

"We have the expertise and experience to treat complex cases, routine cases and everything in between," said department chair Alexander Ghanayem, MD.

Becker's Hospital Review has named Loyola Medicine to its list of 100 Hospitals and Health Systems with Great Orthopaedic Programs. Loyola is the only trauma center in the Chicago area to be designated a verified Level 1 Trauma Center by the American College of Surgeons (ACS) Committee on Trauma. And Loyola's spine surgery and hip and knee replacement programs have been recognized as Blue Distinction Centers + by Blue Cross Blue Shield.

The department includes 25 orthopaedic surgeons, five podiatrists, three physiatrists, one primary care sports medicine physician, 34 residents and fellows and a team of highly skilled and orthopaedic-certified advanced practice nurses and physician assistants.

Loyola's multidisciplinary team provides adults and children with the most appropriate level of care, including conservative nonoperative care as well as surgery.

"We have the most advanced technologies in orthopaedic care in our toolbox, and we know how to use these tools effectively," Dr. Ghanayem said. "We know when to use advanced technology if it is in the patient's best interest, and when it's not appropriate. We have found that the 'latest and greatest' technology sometimes can be overused. We train our residents how and when to use these techniques, while ensuring our patients get the safest and best care possible. We teach residents to 'think,' not just 'do.'"

Loyola orthopaedic, podiatry, physiatry and primary care sports medicine providers see patients at the Loyola Outpatient Center in Maywood; the Gottlieb Professional Office Building in Melrose Park; MacNeal Hospital outpatient offices in La Grange and Bridgeview; Loyola offices in Burr Ridge, Oakbrook Terrace and River Forest; and the Palos Health South Campus in Orland Park. Evening hours are offered at the Maywood and Burr Ridge locations.



"We have the expertise and experience to treat complex cases, routine cases and everything in between."

*- Alexander Ghanayem, MD
orthopaedics department chair*



Full Range of Nonoperative Treatments Offered

Loyola Medicine orthopaedic surgery offers a full range of nonoperative treatments for musculoskeletal conditions.

For example, physiatrist Christine Villoch, MD, who specializes in spine care, guides patients through comprehensive nonoperative programs—including injections and physical therapy—which can help most spine conditions.

“Patients can benefit tremendously from these types of interventions,” Dr. Villoch said.

“Most of my patients don’t need surgery. But for those who do, Loyola offers exceptional orthopaedic spine surgeons.”

Physiatrist Stacey Bennis, MD, works alongside her surgical colleagues to provide comprehensive sports medicine care to adolescent and adult patients, ranging from weekend athletes to professionals. She has a special interest in treating female athletes.

Dr. Bennis, who has an appointment in the department of obstetrics & gynecology as well as orthopaedics, offers nonsurgical treatments for women’s health conditions, including musculoskeletal injuries in pregnant and postpartum women, female pelvic pain and unique issues facing women athletes of all ages.

“I strive to know my patients, not just what’s bringing them to the doctor,” Dr. Bennis said.



“ I strive to know my patients, not just what’s bringing them to the doctor ”

- Stacey Bennis, MD
physiatrist

Loyola a Leader in Female Orthopaedic Surgeons



Teresa Cappello, MD



Anna Cooper, MD



Felicity Fishman, MD



Lauren Matteini, MD



Karen Wu, MD



Stacey Bennis, MD



Christine Villoch, MD



Katherine Dux, DPM



Coleen Napolitano, DPM



Christina Staskiewicz, DPM

Loyola Medicine is increasing the number of female orthopaedic surgeons and female clinicians who treat musculoskeletal conditions.

Five of Loyola’s 25 orthopaedic surgeons (20%) are female, compared to the national average of about 5%. Over the past three years, nearly 30% of Loyola’s orthopaedic surgery residents have been women, compared to about 15% nationwide.

Of the 34 faculty members in the department of orthopaedic surgery and rehabilitation, 10 (29%) are women.

“When your workforce better matches the population you serve, you are better able to meet the healthcare needs of your patients,” said department chair Alexander Ghanayem, MD.

Dr. Ghanayem said women’s health is integrated throughout Loyola’s orthopaedic surgery practice. He noted that female patients are more likely to experience degenerative scoliosis, osteoporosis, osteopenia, ligamentous laxity, ACL and ankle injuries, athletic amenorrhea (menstrual dysfunction in athletes),

frozen shoulder and certain types of hand problems.

Loyola’s five female orthopaedic surgeons are Teresa Cappello, MD, pediatric orthopaedic surgery; Anna Cooper, MD, orthopaedic oncology; Felicity Fishman, MD, hand surgery and pediatric upper extremity; Lauren Matteini, MD, spine surgery; and Karen Wu, MD, hip and knee replacement.

Physiatrists Stacey Bennis, MD, (sports medicine) and Christine Villoch, MD, (spine care) work alongside their surgical colleagues to provide nonoperative care where appropriate. Both have special interests in women’s health issues unique to sports medicine and spine care.

Podiatric surgeons Katherine Dux, DPM, Coleen Napolitano, DPM, and Christina Staskiewicz, DPM, work alongside their colleagues in podiatric surgery and orthopaedic foot and ankle surgery to provide comprehensive foot and ankle care to male and female patients of all ages.

Blue Distinction Center + for Knee, Hip Replacements

Blue Cross Blue Shield has designated Loyola Medicine as a “Blue Distinction Center +” for knee and hip replacements.



The designation indicates Loyola Medicine demonstrates expertise in knee and hip replacement surgeries, resulting in high-quality patient outcomes and fewer complications and readmissions. Designated hospitals must also maintain national accreditation. Hospitals receiving the + designation are, on average, 20% more cost-efficient per episode of care compared with other hospitals.

Loyola orthopaedic surgeons who perform partial and total knee replacements, hip replacements and revision hip and knee replacements are Nicholas Brown, MD, William Hopkinson, MD, John Miller, MD, Paul Prinz, MD, Harold Rees, MD, and Karen Wu, MD.

Candidates for Blue Distinction must submit clinical data to establish they meet selection criteria, including:

- An established knee and hip replacement program, performing required annual volumes
- An experienced knee and hip replacement surgery team, including surgeons with board certification, subspecialty fellowship training and case volumes that meet the selection criteria for knee and hip replacement procedures
- Clinical outcomes that meet objective thresholds, such as complication rates and length of stay
- A comprehensive quality management program

Talus Replacement with a 3D-printed Implant

A serious car accident left Deborah Stoneburner with a crushed talus, an injury that normally would require an ankle fusion or amputation.

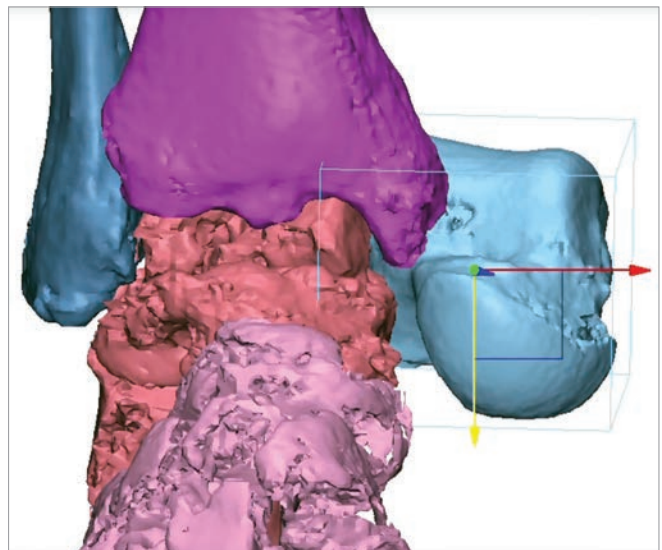
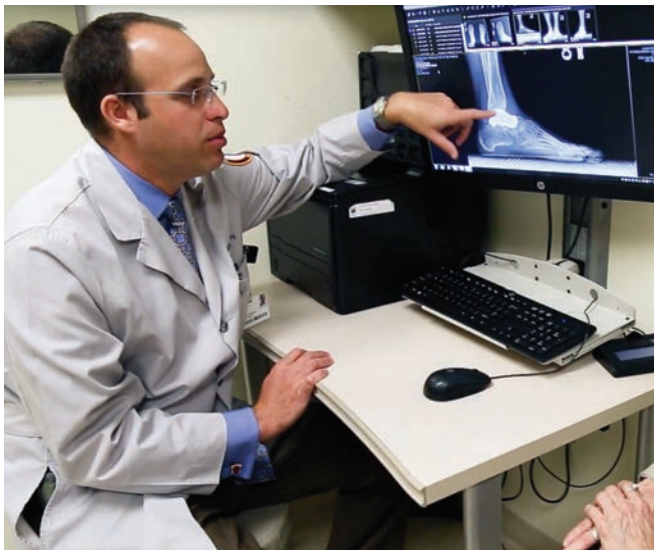
Loyola orthopaedic surgeon Adam Schiff, MD, offered a third option: A metal talus implant made with 3D-printing technology. In 3D printing, an object is made from a three-dimensional digital model.

CT scans taken of the talus in Ms. Stoneburner’s uninjured foot were used to create an exact mirror-image replica of the talus. Dr. Schiff removed the damaged talus and replaced it with the metal bone. Ms. Stoneburner is walking again and is pleased with the results.

Talus replacement with a 3D-printed implant is a rare surgery that typically is performed only at an academic medical center, Dr. Schiff said.



www.loyolamedicine.org/3d-implant



LOYOLA ORTHOPAEDICS FAST FACTS

Loyola is the only trauma center in the Chicago area to be designated a verified **Level 1 Trauma Center** by the American College of Surgeons (ACS) Committee on Trauma.

Number of Orthopaedic Surgeons
25

Number of Residents and Fellows
34

Number of female faculty members in the department of orthopaedic surgery and rehabilitation

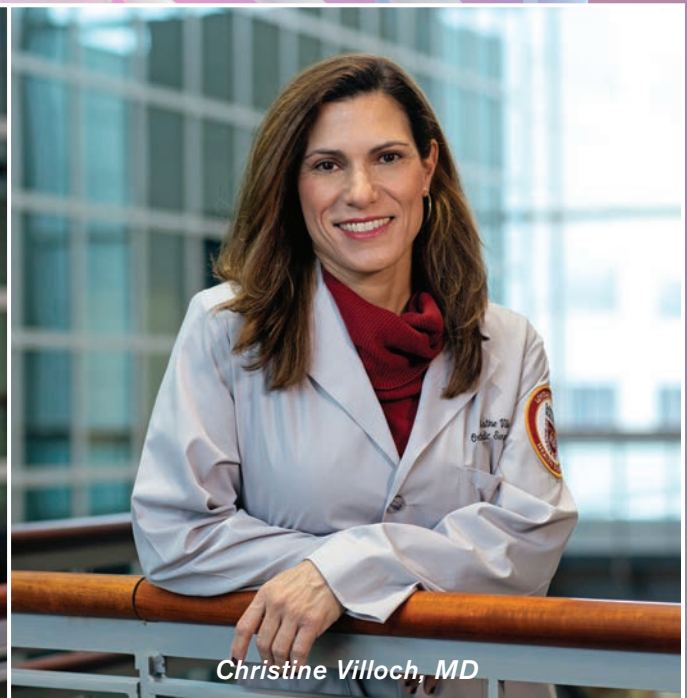
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Percentage of female orthopaedic surgeons at Loyola Medicine
(National average: 5%)

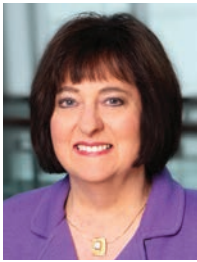
20%

Percentage of female orthopaedic surgery residents at Loyola Medicine
(National average: 15%)

30%



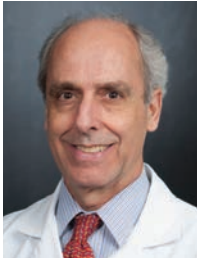
Loyola Physicians in the News



A study co-authored by **Kathy Albain, MD**, was named one of the 12 most notable papers published in the *New England Journal of Medicine* in 2018. Editors called the papers “the most meaningful in improving medical practice and patient care.” Dr. Albain’s study is titled “Adjuvant Chemotherapy Guided by a 21-Gene Expression Assay in Breast Cancer.”



Coleen Napolitano, DPM, has been named to the board of directors of the American Board of Podiatric Medicine (ABPM). Dr. Napolitano has been active in the ABPM for 15 years. She has served on the Examination Committee and chaired the certification exam (Part 2) subsection.



Jorge Asconapé, MD, has received the 2019 A.B. Baker Teacher Recognition Award from the American Academy of Neurology. The award demonstrates respect and appreciation for neurologic teaching.



Marisa Saint Martin, MD, has received the Roger Schenke Award from the American Association for Physician Leadership for an initiative to help prevent burnout. Dr. Saint Martin led a wellness program and ACGME-compliant curriculum at Loyola Medicine to help prevent burnout among pathology residents.



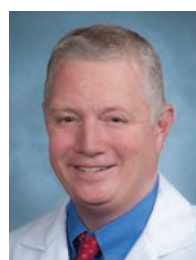
Michael Bednar, MD, chief of hand surgery at Loyola University Medical Center and Professor of Orthopaedic Surgery and Rehabilitation at Stritch School of Medicine, was elected to a one-year term as President of the American Board of Orthopaedic Surgery (ABOS). He will become President in October 2020.



Michael Schneck, MD, has received a Presidential Citation from the Neurocritical Care Society. Dr. Schneck was honored for showing exceptional support and dedication to the society and strengthening the neurocritical care community through his contributions.



Amy Buchanan, MD, was a big winner at the Society for Teachers of Family Medicine’s annual poetry and prose competition. Dr. Buchanan won first prize in prose and poetry – the first time an individual has won both categories – for her poem, “Nocture” and her essay, “Empanadas.”



William Small Jr., MD, is first author of a review article paper in *Cancer* that was among the journal’s top-cited recent papers, according to CrossRef. Among Dr. Small’s co-authors is fellow Loyola Medicine radiation oncologist Matthew Harkenrider, MD.



David Hecht, MD, has received the Clinical and Laboratory Standards Institute’s (CLSI) highest honor, the Russell J. Eilers Memorial Award. The award recognizes exceptional contributions to CLSI’s success. Dr. Hecht has been a member for 25 years, helping to advance the field of laboratory medicine.



Radiation oncologist **Abhishek Solanki, MD**, has been named to *HemOnc Today*’s panel of Next Gen Innovators. *HemOnc Today* said the innovators “are a highly select group of early career hematologists and oncologists who have advanced their field through innovative approaches in the clinical and research settings.”



The American Urological Association has recognized **Elizabeth Mueller, MD**, for her contributions in founding the field of female pelvic medicine and reconstructive surgery and for her substantial research in this area.

Loyola Doctors Honored on *The Pathologist Magazine* Power List



Eva Wojcik, MD



Kamran Mirza, MD, PhD

The Pathologist magazine Power List annually honors 100 standout physicians.

The list recognizes “the industry’s top trailblazers” in pathology and laboratory medicine by “celebrating their success at the cutting edge of the field.” Among these 100 doctors were two Loyola Medicine doctors – Eva Wojcik, MD, and Kamran Mirza, MD, PhD.

Dr. Eva Wojcik, the Helen M. and Raymond M. Galvin Professor of Pathology and the chair of Loyola Medicine’s department of pathology and laboratory medicine, was recognized for her work with the “See, Test and Treat” program at Loyola. The program provides free cancer screenings and health education to uninsured women. Dr. Wojcik is a founding member of the Paris System Working Group, a worldwide, standardized platform for interpreting urine samples when diagnosing bladder cancer.

People who nominated Dr. Wojcik said she is a “champion of the underserved” and her career is a “testament of service to others.”

Dr. Wojcik also recently received Loyola University Chicago’s Faculty of the Year Award. In November

2019, she received the 2019 Excellence in Education Award from the American Society of Cytopathology. She received the Humanism in Medicine Award from Loyola University Chicago’s Organization of Student Representatives, a student group of the Association of American Medical Colleges.

Dr. Mirza was nominated to the Power List award for his “tireless contributions to pathology and laboratory medicine education and his work to improve communication between pathology and other medical fields.”

Dr. Mirza received the 2019 Teaching Excellence Award from The Ohio State University’s Pathology Student Interest Group and the 2019 Outstanding Classroom Educator award from the graduating class of Loyola University Chicago Stritch School of Medicine. In 2017, Dr. Mirza was voted one of the top five honorees in the American Society for Clinical Pathology’s 40 Under Forty list. ■

The list recognizes “the industry’s top trailblazers” in pathology and laboratory medicine by “celebrating their success at the cutting edge of the field.”



Loyola Medicine Receives Platinum Award for MI Care

Loyola Medicine has received the American College of Cardiology's Platinum Performance Achievement award for providing superior care to myocardial infarction patients.

The award recognizes Loyola's commitment and success in implementing a higher standard of care, as outlined by the American College of Cardiology/American Heart Association clinical guidelines and recommendations. To receive a platinum award, a hospital must demonstrate sustained high performance for at least eight consecutive quarters.

The hospital must be a top performer in measures such as angioplasty times, smoking cessation counseling, cardiac rehabilitation and providing aspirin on discharge. Its heart attack treatment also must be essentially error-free.

Loyola is ranked 39th in the nation in *U.S. News & World Report's* 2019-20 Best Hospitals ratings for cardiology and heart surgery, out of nearly 5,000 hospitals that were rated. ■

Loyola Medicine Piloting Hypertension Control Initiative

Loyola Medicine is among the first health systems in Chicago to participate in a blood pressure control initiative jointly sponsored by the American Heart Association and American Medical Association.

Target: BP™ helps healthcare organizations improve hypertension control rates through an evidence-based quality improvement program. Loyola is piloting the program at four primary care locations: Loyola Outpatient Center, Maywood Family Medicine and Loyola Center for Health at Elmhurst and Gottlieb Professional Office Building in Melrose Park.

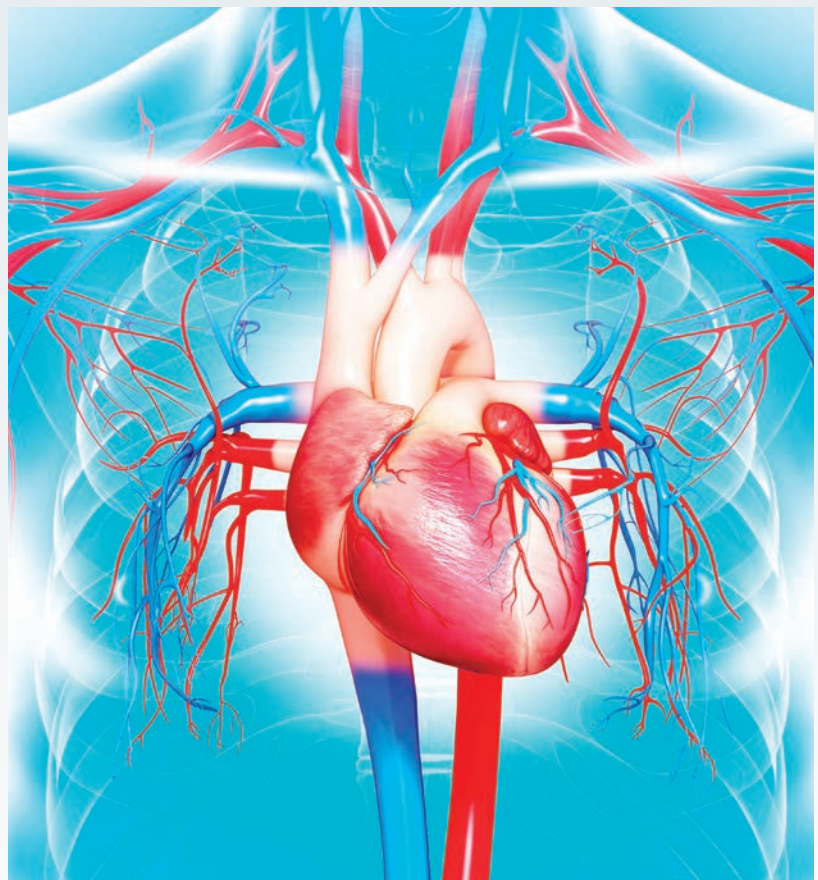
Target: BP has three components: measure blood pressure accurately, every time; act rapidly to address high blood pressure readings; and partner with patients, families and communities to promote self-management and monitor progress. Staff use automated office blood pressure measurement to average three readings when patients have an initial elevated blood pressure reading. ■

Loyola Medicine Offering Behavioral Cardiology

In partnership with the Loyola Medicine preventive cardiology and lipid program, the behavioral cardiology program assists cardiac patients by teaching healthy lifestyle behaviors.

The program includes tailored behavioral modification of cardiac risk factors through one-on-one and group sessions. Patients receive guidance and counseling on how to make changes to improve their health, including diet, smoking cessation, anxiety and stress management, weight management and overall well-being.

The program provides patients with research-based treatments to build heart-healthy habits and provides tools to help patients learn how to better cope with cardiac concerns. Loyola also offers psychiatric referrals when appropriate. ■



Four Loyola Specialties Nationally Ranked by U.S. News & World Report

Loyola University Medical Center has four nationally ranked specialties and is high performing in 10 other specialties, conditions and procedures in *U.S. News & World Report's* 2019–20 Best Hospitals rankings.

Loyola's nationally ranked specialties are Neurology and Neurosurgery (28th in the U.S.), Gastroenterology and GI Surgery (33rd), Cardiology and Heart Surgery (39th) and Urology (41st). Five Loyola specialties are high performing: Cancer, Geriatrics, Nephrology, Orthopaedics and Pulmonology and Lung Surgery.

To achieve a national ranking, a hospital must be ranked among the nation's top 50 hospitals in a given specialty. A high-performing specialty is among the top 10 percent in the nation.

U.S. News evaluated more than 4,600 hospitals nationwide, including more than 200 in Illinois. Loyola University Medical Center was ranked among the top five hospitals in Illinois.

Loyola University Medical Center also was rated high performing in five adult procedures and conditions: aortic valve surgery, chronic obstructive pulmonary disease (COPD), colon cancer surgery, heart bypass surgery and heart failure. Hospitals named high performing in these areas were significantly better than the national average.

U.S. News' Best Hospitals rankings assess hospital performance across 16 specialty areas based on an extensive data-driven analysis that looks at structural characteristics and processes of care, outcomes and mortality, patient safety, hospital reputation among physicians and number of patients treated within the specialty. ■



Eight Loyola Physicians Named Top Doctors in Treating Women

Eight Loyola Medicine physicians have been named to *Chicago* magazine's 2019 list of "Chicago's Top Doctors for Women."

Loyola physicians on the Top Doctors for Women list are:



Kathy Albain, MD
Medical oncology (breast cancer)



Ronald Potkul, MD
Gynecologic oncology



Constantine Godellas, MD
Surgery (breast cancer)



William Small Jr., MD
Radiation oncology (breast and gynecologic cancers)



Jean Ricci Goodman, MD
Maternal and fetal medicine



Darl Vandevender, MD
Plastic and reconstructive surgery (cosmetic and reconstructive breast surgery)



Scott Graziano, MD
Obstetrics and gynecology



Paula White Prock, MD
Obstetrics and gynecology

The list was compiled by Castle Connolly Medical Ltd., a healthcare research and information company. Castle Connolly's online nomination process is open to all licensed physicians in the United States. The doctors' educational and professional experience are carefully screened before final selection is made among those physicians most highly regarded by their peers. Doctors cannot nominate themselves, nor pay to appear on the list.



Loyola Medicine Marks 50th Anniversary

Loyola Medicine, the top-rated health system in Chicago's western suburbs, is celebrating its 50th anniversary.

In 1969, Loyola University Chicago opened a hospital in west suburban Maywood that would become the core of a health system that today attracts 1.4 million patient visits per year and provides more than \$150 million annually in services, programs and activities to support the health of surrounding communities.

Through the decades, Loyola Medicine has achieved many medical milestones. In 2004, the neonatal intensive care unit cared for a baby girl who weighed just 9.2 ounces at birth – at the time, the world's smallest surviving baby. Loyola is the first in the state to offer a noninvasive test for coronary artery disease called FFR-CT and a groundbreaking MRI-guided radiation therapy system called MRIidian by ViewRay® that targets tumors with millimeter precision.

Loyola established Chicago's first heart transplant program in 1984 and first lung transplant program in 1988. Loyola was the first in the state to perform a double-lung transplant (1990)

and double-lung-and-kidney transplant (2007). In 2019, Loyola performed its 1,000th lung transplant – more than all Illinois transplant centers combined.

Gottlieb Memorial Hospital in Melrose Park became part of Loyola Medicine in 2008, and MacNeal Hospital in Berwyn joined Loyola in 2018.

“Throughout its history, Loyola has been on the leading edge of the dramatic changes we’ve seen in medicine and surgery,” said Shawn P. Vincent, president and CEO of Loyola Medicine. “What hasn’t changed is our unwavering commitment to provide compassionate and uncompromising care, treating the whole patient, mind, body and spirit.” ■



www.loyolamedicine.org/50anniv

VeggieRx: Free Vegetables to Improve Patients' Health

In an innovative program to improve the health of low-income patients, Loyola Medicine and its partners are giving patients a weekly selection of fresh vegetables grown on urban farms.



Kimi C. Suh, MD

It's called VeggieRx. Every Thursday afternoon at the Loyola Center for Health in Maywood, participating patients receive a free 10-pound pack of produce, along with recipes, weekly nutrition education and cooking demonstrations.

“We’re finally realizing the importance of providing food as a part of the treatment plan,” said family physician Kimi C. Suh, MD.

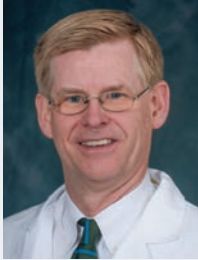
VeggieRx addresses the widespread problem of food insecurity, which affects many low-income people. The U.S. Department of Agriculture, which is supporting VeggieRx, defines food insecurity as a household-level economic and social condition of limited or uncertain access to adequate food.

Loyola researchers are gathering data to test their premise that VeggieRx will prove to be a cost-effective way to reduce the toll of obesity-related conditions such as diabetes, high blood pressure, cancer, heart failure and COPD. ■



First Reported Meeting of Cancer Patient and Cord Blood Donor

On the day he was born, Patrick Davey saved the life of a Loyola Medicine patient.



Patrick Stiff, MD

His parents donated his umbilical cord blood, which was used in a stem cell transplant that cured patient Holly Becker of non-Hodgkin lymphoma. Twenty-five years later, Mr. Davey met Ms. Becker during Loyola Medicine’s annual Bone Marrow Transplant Celebration of Survivorship. It’s believed to be the first publicly reported meeting of a patient and their cord blood donor.

Ordinarily, the identity of cord blood donors is kept strictly confidential – records are de-identified from the point of donation. But Mr. Davey and Ms. Becker were able to make a connection through a consumer DNA test.

Following his birth, Mr. Davey’s cord blood was frozen for possible future use. About five years later, Ms. Becker came up as a match. Mr. Davey’s cord blood stem cells were thawed and infused into Ms. Becker, where they developed into healthy white blood cells. Ms. Becker now shared Mr. Davey’s DNA.

Years later, Ms. Becker and Mr. Davey’s mother, Dania Davey, both happened to be curious about their ancestry. So they submitted cheek swabs to a popular DNA test

company, and consented to being connected with any living relatives.

The test results suggested they were a mother-daughter match – which they knew was impossible. But Ms. Becker had a theory to explain the baffling finding. What if they appeared to be related because of her cord blood transplant?

Ms. Becker told her theory to Patrick Stiff, MD, who had treated her years ago and now is Loyola’s division director of hematology/oncology. With everyone’s consent, Dr. Stiff arranged for tests that confirmed that Ms. Becker and Mr. Davey were a perfect DNA match. That explained why the consumer DNA test made it appear as though Dania Davey was Ms. Becker’s mother.

“Ms. Becker is alive today because of Mr. Davey’s cord blood donation,” Dr. Stiff said. “Usually you receive a gift on your birthday. But on his actual birth day, Mr. Davey gave a total stranger a gift that would save her life.”

Dr. Stiff said it’s possible that other cord blood donors could be united with their donors in a similar fashion. ■



“ Usually you receive a gift on your birthday. But on his actual birth day, Mr. Davey gave a total stranger a gift that would save her life. ” - Patrick Stiff, MD

Loyola Medicine Studying IORT for Glioblastoma

Loyola Medicine is participating in an international clinical trial of a new radiotherapy for patients with glioblastoma multiforme.



Abhishek Solanki, MD

The treatment is called intraoperative radiotherapy (IORT). The trial will examine whether IORT plus standard treatment is more effective than standard treatment alone in preventing tumor regrowth.

Loyola is the only center in Illinois participating in the study. Loyola also is using IORT to treat a broad range of other cancers, either in clinical trials or as part of standard treatment. These cancers include breast, gynecological, head and neck, pancreatic, colorectal and bone cancers.

In IORT, a high, focused dose of radiation is delivered directly to the tumor cavity after the tumor is removed. Radiation is applied with

a spherical device for approximately 30 to 100 minutes. Because the radiation does not have to travel through healthy tissue to reach the site, much higher doses can be safely applied.

Radiation oncologist Abhishek Solanki, MD, is principal investigator for the Loyola site.

The trial is titled, “A Multicenter, Randomized Phase III Study on Intraoperative Radiotherapy in Newly Diagnosed Glioblastoma Multiforme (INTAGO II).” For more information, contact Beth Chiappetta, RN, at 708-216-2568 or bchiappetta@lumc.edu. ■



www.loyolamedicine.org/iort

Trial Signals “Paradigm Change” in CLL Treatment

A study, published in the *New England Journal of Medicine* and co-authored by a Loyola Medicine oncologist, has found that a newer targeted drug is significantly more effective than standard therapy for treating elderly patients with chronic lymphocytic leukemia (CLL).



Scott Smith, MD, PhD

The drug, ibrutinib, also has fewer side effects and is more convenient than the standard treatment, the study found. Loyola oncologist Scott Smith, MD, PhD, is among the senior authors.

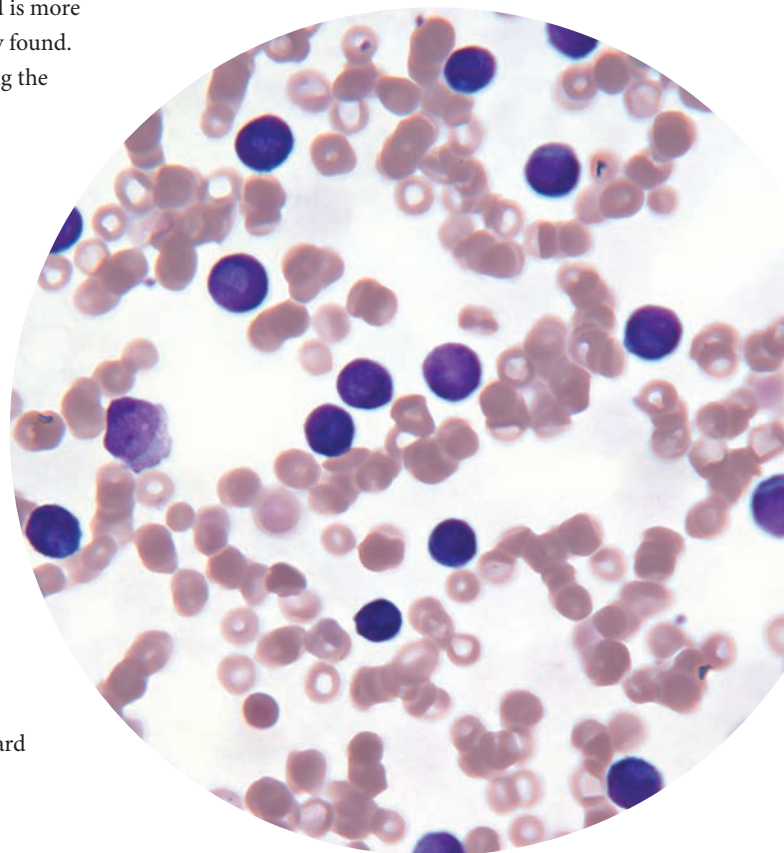
“This represents a paradigm change in how we will treat elderly patients with CLL,” Dr. Smith said. “Ibrutinib should become the new standard of care.”

Dr. Smith was executive officer of the Alliance for Clinical Trials in Oncology, which coordinated the study, and was responsible for the execution of the study.

Until now, the standard treatment for CLL has been a combination of chemotherapy (bendamustine) and immunotherapy (rituximab).

A newer treatment involves ibrutinib, a targeted drug that attacks cancer cells without damaging normal cells, thus causing fewer side effects. The regimen requires a patient to simply take a pill once a day.

The study enrolled 547 CLL patients, all older than 65. After two years, 87% of patients receiving ibrutinib alone were alive without any disease progression, compared with 74% of patients who received bendamustine plus rituximab. Overall, ibrutinib caused fewer side effects than the standard treatment, Dr. Smith said. ■



New Imaging System Evaluates Swallowing Disorders

Loyola Medicine is one of the busiest centers in the state, performing a new procedure that allows for more accurate evaluation of esophageal muscle function in patients with swallowing disorders.



Mukund Venu, MD



Brian Liem, DO

The procedure, called Endoflip®, employs an advanced imaging system during upper endoscopies, providing an internal view of the gastrointestinal organ. The system measures the pressure and dimensions in the esophagus to assist in evaluating motility disorders.

During the procedure, the physician passes a balloon catheter containing sensors into the esophagus, and inflates the catheter to measure the pressure and diameter of the esophagus muscle. The procedure can add 10 to 15 minutes to the endoscopy. Endoflip® is an additional tool that can be used with other diagnostic methods to evaluate patients with symptoms consistent with gastrointestinal motility disorders.

The procedure is offered by Loyola gastroenterologists Mukund Venu, MD, and Brian Liem, DO. ■

Liver Transplant Patients Have Higher Prevalence of Colon Cancer and Non-Hodgkin Lymphoma

Liver transplant patients experience an increasing trend toward colon cancer and non-Hodgkin lymphoma, according to a study led by a Loyola Medicine gastroenterologist.



Ayokunle Abegunde, MD

The study by Ayokunle Abegunde, MD, and colleagues also found an increasing trend in nonmelanoma skin cancer among heart and lung transplant recipients compared with liver transplant recipients. The study was presented during the American College of Gastroenterology annual conference, where it received a Presidential Poster Award.

The study included records of 124,399 organ transplant patients in the National Inpatient Sample.

The results suggest that liver transplant patients may benefit from more frequent colonoscopies, and heart and lung transplant patients may benefit from more active screening for skin cancer. ■



Loyola Medicine Offering Minimally Invasive POEM for Achalasia

Loyola Medicine is among the first centers in Illinois to offer peroral endoscopic myotomy (POEM), a new minimally invasive procedure to treat achalasia.



Nikhil Shastri, MD

Loyola gastroenterologist Nikhil Shastri, MD, is among a handful of Chicago-area physicians who perform POEMs.

In the procedure, Dr. Shastri inserts an endoscope in the patient's mouth and guides it to the lower esophagus. Using tiny tools that are passed through the endoscope, Dr. Shastri relieves the tightness in the esophageal sphincter.

The patient typically stays in the hospital for two days and returns to work the following week. Patients are restricted to a liquid diet for several days.

POEM is an alternative to a laparoscopic Heller myotomy, which is more painful and involves a longer recovery, Dr. Shastri said. ■

Loyola Medicine Performs 1,000th Lung Transplant

Loyola Medicine's groundbreaking lung transplant program has reached a major new milestone by performing its 1,000th lung transplant.

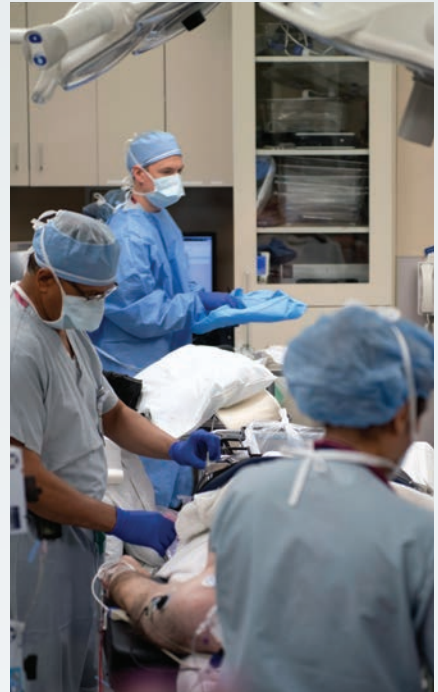
Since establishing the first lung transplant program in Illinois, Loyola has performed more than twice as many lung transplants as all other transplant centers in the state combined.

Only 10 other centers in the United States have performed as many as 1,000 lung transplants, according to a database maintained by the United Network for Organ Sharing.

Loyola regularly evaluates and successfully performs the most challenging lung transplant cases, including patients who have been turned down by other centers. Despite taking on more challenging cases, Loyola consistently records outstanding outcomes.

Loyola performed the first single-lung transplant in Illinois in 1988 and the state's first double-lung transplant in 1990. In 2007, Loyola performed the first double-lung-and-kidney transplant in Illinois. In 2014, Loyola became the only center in Illinois to perform five successful lung transplants in just over 24 hours.

Lung transplantation is part of Loyola's comprehensive advanced lung disease program, which offers second opinions and clinical trials. The advanced treatment can in some cases delay or eliminate the need for a lung transplant. ■



www.loyolamedicine.org/1000lung





TMS for Depression

A noninvasive FDA-approved treatment called transcranial magnetic stimulation (TMS) lifted patient Ed Pope's depression. TMS uses magnetic pulses to stimulate the brain. It's intended for patients with intractable, moderate-to-severe depression.

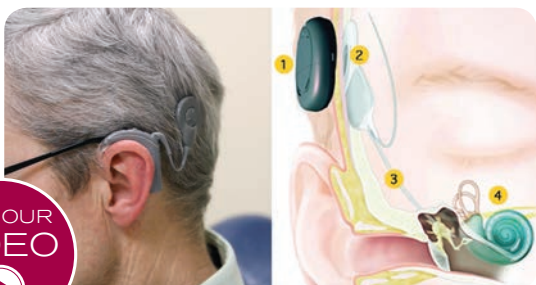
www.loyolamedicine.org/tms



Biologics Control Crohn's Disease

Before being treated at Loyola Medicine for Crohn's disease, Erika Katz suffered debilitating symptoms including weight loss, abdominal pain and diarrhea. Amar Naik, MD, put Ms. Katz on a biologic medication and a year later she had no symptoms. Loyola's IBD program also treats ulcerative colitis.

www.loyolamedicine.org/crohns



Cochlear Implants at Loyola

Loyola Medicine offers multiple treatment options that can help restore hearing, including hearing aids, cochlear implants and other leading-edge hearing technologies. Loyola has treated more than 500 adults with cochlear implants, making it one of the most experienced cochlear implant centers in the Midwest.

www.loyolamedicine.org/cochlear



MRIdian for Bladder Cancer

Loyola Medicine at Palos Health South Campus is the first center in Illinois and among a handful across the world to offer a radiotherapy system called MRIdian by ViewRay®. Guided by MRI imaging, MRIdian applies very focused radiation to the tumor while minimizing the dose to surrounding tissues.

www.loyolamedicine.org/bladder-cancer



Managing Pulmonary Hypertension

There is no cure for pulmonary hypertension, but many treatments can manage symptoms and improve quality of life. Loyola Medicine patient Qiana Lomax is doing well with IV medication therapy delivered through a continuous pump.

www.loyolamedicine.org/pulmonary-tension



Tad A. Gomez, Loyola University Medical Center President



Tad A. Gomez,
RPh, MS, FASHP

Tad A. Gomez, RPh, MS, FASHP, has been named president of Loyola University Medical Center.

Mr. Gomez joins Loyola from Northeast Georgia Health System (NGHS), where he was vice president for professional and support services, overseeing lab, pharmacy, radiology and imaging, facilities operations, biomedical engineering and several other ancillary departments.

Mr. Gomez has been recognized as a fellow of the American Society of Health System Pharmacists. He earned a bachelor of science in pharmacy from the University of Kansas and a master of science in hospital pharmacy from Ohio State University. He completed a pharmacy residency, with an emphasis in health system pharmacy administration, at Ohio State University Medical Center.

Vivian Gahtan, MD, Surgery Chair



Vivian Gahtan, MD

Vivian Gahtan, MD, a nationally known vascular surgeon, has been named professor and chair of the department of surgery of Loyola Medicine and Loyola University Chicago Stritch School of Medicine.

Dr. Gahtan came to Loyola from SUNY Upstate Medical University in Syracuse, NY, where she was professor and vice chair for academic development, Department of Surgery. Previously, Dr. Gahtan was an associate professor of surgery at Yale University School of Medicine.

Dr. Gahtan has held many leadership roles on regional and national levels, including president of the Association of Women Surgeons; director of the American Board of Surgery; chair of the Vascular Surgery Board of the American Board of Surgery; and president of the Eastern Vascular Society.

Dr. Gahtan earned her medical degree from George Washington University School of Medicine. She completed a residency in general surgery and general vascular surgery at the University of South Florida and an endovascular fellowship at New York Presbyterian Hospital, Cornell and Columbia.

Dr. Gahtan is an author on more than 200 journal studies, review articles, book chapters, abstracts and poster presentations.

Peggy Norton-Rosko, DNP, Regional Chief Nursing Officer



Peggy Norton-Rosko,
DNP, RN, NEA-C

Peggy Norton-Rosko, DNP, RN, NEA-C, has been named regional chief nursing officer and a member of the Loyola Medicine executive team.

Ms. Norton-Rosko will lead nursing practices across the three-hospital health system, including nursing education and research;

patient safety and clinical quality of nursing; system Magnet recertifications; and non-physician clinical affiliation partnerships. Ms. Norton-Rosko has more than 30 years' healthcare experience. She previously served as chief nursing officer at George Washington University Hospital in Washington, D.C., and Centegra Health System in Crystal Lake, Illinois.

Richard K. Freeman, MD, Regional Chief Clinical Officer



Richard K. Freeman,
MD, MBA, FACS

Richard K. Freeman, MD, MBA, FACS, has been named to the newly created position of regional chief clinical officer of Loyola Medicine.

Dr. Freeman provides strategic oversight for Loyola's clinically integrated network, quality and safety processes, pharmacy and other clinical services, medical staff recruitment and graduate medical education.

Dr. Freeman previously was St. Vincent Indiana's system chief medical officer for 18 inpatient facilities, responsible for a systemwide focus on clinical excellence. Dr. Freeman also was instrumental in establishing a general thoracic surgery program that is the largest in Indiana and internationally recognized for its comparative effectiveness research. Dr. Freeman earned his medical degree from Tufts University School of Medicine and completed residencies in general surgery and thoracic and cardiovascular surgery. He also earned an MBA from the University of Texas.

Ongoing Clinical Trials

ACUTE LYMPHOBLASTIC LEUKEMIA

210171: A Phase III Trial to Evaluate the Efficacy of the Addition of Inotuzumab Ozogamicin (A Conjugated Anti-CD22 Monoclonal Antibody) to Frontline Therapy in Young Adults (Ages 18-39) with Newly Diagnosed Precursor B-Cell

PRINCIPAL INVESTIGATOR:

Scott Smith, MD

ENROLLMENT PHONE: 708-327-3306

ACUTE MYELOID LEUKEMIA

208437: A Multicenter, Pivotal Phase 3 Study of Iomab-B Prior to Allogeneic Hematopoietic Cell Transplantation versus Conventional Care in Older Subjects with Active, Relapsed or Refractory Acute Myeloid Leukemia.

PRINCIPAL INVESTIGATOR:

Patrick Stiff, MD

ENROLLMENT PHONE: 708-327-3306

ALL CANCER TYPES

208336: MATCH Molecular Analysis for Therapy Choice

PRINCIPAL INVESTIGATOR:

Asha Dhanarajan, MD

ENROLLMENT PHONE: 708-327-3306

BLADDER CANCER

210163: A phase 1b dose-escalation and dose-expansion study of enfortumab vedotin (ASG-22CE) in combination with immune checkpoint inhibitor (CPI) therapy for treatment of patients with locally advanced or metastatic urothelial cancer.

PRINCIPAL INVESTIGATOR:

Elizabeth Henry, MD

ENROLLMENT PHONE: 708-327-3306

209988: A Phase III Randomized Trial to Evaluate the Influence of BCG Strain Differences and T Cell Priming with Intradermal BCG Before Intravesical Therapy for BCG-Naïve High-Grade Non-Muscle Invasive Bladder Cancer.

PRINCIPAL INVESTIGATOR:

Alex Gobornos, MD

ENROLLMENT PHONE: 708-327-3306

BREAST CANCER

209165: Randomized Phase III Trial Evaluating the Role of Weight Loss in Adjuvant Treatment of Overweight and Obese Women with Early Breast Cancer.

PRINCIPAL INVESTIGATOR:

Patricia Robinson, MD

ENROLLMENT PHONE: 708-327-3306

210507: Prospective Evaluation of Carvedilol in Prevention of Cardiac Toxicity in Patients with Metastatic HER-2+ Breast Cancer, Phase III.

PRINCIPAL INVESTIGATOR:

Shelly Lo, MD

ENROLLMENT PHONE: 708-327-3306

211363: A Phase II Trial Assessing the Accuracy of Tumor Bed Biopsies in Predicting Pathologic Response in Patients with Clinical/Radiologic Complete Response after Neoadjuvant Chemotherapy in Order to Explore the Feasibility of Breast Conserving Treatment Without Surgery.

PRINCIPAL INVESTIGATOR:

William Small Jr., MD

ENROLLMENT PHONE: 708-327-3306

202755: I SPY 2 Trial Investigation of Series Studies to Predict Your Therapeutic Response with Imaging And Molecular Analysis 2.

PRINCIPAL INVESTIGATOR:

Kathy S. Albain, MD

ENROLLMENT PHONE: 708-327-3306

207912: A Phase IIR/III Trial of Standard of Care Therapy with or without Stereotactic Body Radiotherapy (SBRT) and/or Surgical Ablation for Newly Oligometastatic Breast Cancer.

PRINCIPAL INVESTIGATOR:

Abhishek Solanki, MD

ENROLLMENT PHONE: 708-327-3306

CARDIOLOGY/ ELECTROPHYSIOLOGY

211269: The PRECISE Protocol: Prospective Randomized Trial of the Optimal Evaluation of Cardiac Symptoms and Revascularization

PRINCIPAL INVESTIGATOR:

Mark Rabbat, MD

ENROLLMENT PHONE: 708-216-2646

211297: Evaluation of QDOT MICRO™ catheter for pulmonary vein isolation (PVI) in subjects with Paroxysmal Atrial Fibrillation (PAF) (Q-fficiency) IDE #G180176

PRINCIPAL INVESTIGATOR: David Wilber, MD

ENROLLMENT PHONE: 708-216-2646

211294: Evaluation of the VISITAG SURPOINT™ Module with External Processing Unit (EPU) when used with the THERMOCOOL SMARTTOUCH® SF and the THERMOCOOL SMARTTOUCH® Catheters for Pulmonary Vein Isolation (PVI)

PRINCIPAL INVESTIGATOR:

Smit Vasaiwala, MD

ENROLLMENT PHONE: 708-216-2646

207841: aMAZE Trial: Left Atrial Appendage Ligation with the LARIAT® Suture Delivery System as Adjunctive Therapy to Pulmonary Vein Isolation (PVI) for Persistent or Longstanding Persistent Atrial Fibrillation.

PRINCIPAL INVESTIGATOR: David Wilber, MD

ENROLLMENT PHONE: 708-216-2646

CARDIOLOGY – HEART FAILURE/HEART TRANSPLANT

209826: Influenza Vaccine to Effectively Stop Cardio Thoracic Events and Decompensated heart failure (INVESTED Study)

PRINCIPAL INVESTIGATOR: Alain Heroux, MD

ENROLLMENT PHONE: 708-327-2723

200064: Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS Registry)

PRINCIPAL INVESTIGATOR: Alain Heroux, MD

ENROLLMENT PHONE: 708-327-2723

210949: Loyola Cardiovascular Biorepository (LCB)

PRINCIPAL INVESTIGATORS:

Jonathan Kirk, PhD, Alain Heroux, MD

ENROLLMENT PHONE: 708-327-2723

210805: Torsemide comparison with furosemide for management of heart failure (TRANSFORM-HF Study)

PRINCIPAL INVESTIGATOR: Alain Heroux, MD

ENROLLMENT PHONE: 708-327-2723

211887: Surveillance HealthCare® Outcomes Registry (SHORE Registry)

PRINCIPAL INVESTIGATOR: Max Liebo, MD

ENROLLMENT PHONE: 708-327-2723



CERVICAL CANCER

202836: Randomized Phase III Clinical Trial of Adjuvant Radiation versus Chemoradiation in Intermediate Risk, Stage I/IIA Cervical Cancer Treated with Initial Radical Hysterectomy and Pelvic lymphadenectomy.

PRINCIPAL INVESTIGATOR:

Ronald K. Potkul, MD

ENROLLMENT PHONE: 708-327-3306

CYSTIC FIBROSIS

204331: A Long-Term Prospective Observational Safety Study of the Incidence of and Risk Factors for Fibrosing Colonopathy in US Patients with Cystic Fibrosis Treated with Pancreatic Enzyme Replacement Therapy: A Harmonized Protocol across Sponsors

PRINCIPAL INVESTIGATOR:

Sean Forsythe, MD

ENROLLMENT PHONE: 708-216-2058

ENDOMETRIAL CANCER

210853: Short Course Adjuvant Vaginal Cuff Brachytherapy in Early Endometrial Cancer Compared to Standard of Care (SAVE).

PRINCIPAL INVESTIGATOR:

William Small Jr., MD

ENROLLMENT PHONE: 708-327-3306

GASTROENTEROLOGY

209609: A Phase 3 Prospective, Randomized, Double-blinded, Placebo-controlled Clinical Study to Evaluate the Efficacy and Safety of Rebiotix RBX2660 (microbiota suspension) for the Prevention of Recurrent *Clostridium difficile* Infection

PRINCIPAL INVESTIGATOR:

Gail Hecht, MD

ENROLLMENT PHONE: 708-216-2057

209566: A Multicenter, Double-Blind, Parallel-Arm, Placebo-Controlled, Phase 2 Study of the Efficacy, Safety, and Tolerability of Oral Full-Spectrum Microbiota™ (CP101) in Subjects with Recurrence of *Clostridium difficile* Infection (PRISM 3)

PRINCIPAL INVESTIGATOR: Gail Hecht, MD

ENROLLMENT PHONE: 708-216-2057

GYNECOLOGICAL ONCOLOGY

212015: Evaluation of Fluciclovine uptake in patients with cervical, ovarian epithelial or endometrial cancers.

PRINCIPAL INVESTIGATOR:

Bital Savir-Baruch, MD

ENROLLMENT PHONE: 708-327-3306

HEPATOLOGY

212015: Ezetimibe as a Safe and Efficacious Treatment for Chronic Hepatitis C

PRINCIPAL INVESTIGATOR:

Susan Uprichard, PhD

ENROLLMENT PHONE: 708-216-8002

205227: Prospective Evaluation of Serum Osteopontin as a Biomarker for Hepatocellular Carcinoma

PRINCIPAL INVESTIGATOR:

Scott Cotler, MD

ENROLLMENT PHONE: 708-216-8002

209030: GFT505-315-1 A Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase III Study to Evaluate the Efficacy and Safety of Elafibranor in Patients with Nonalcoholic Steatohepatitis (NASH) and fibrosis

PRINCIPAL INVESTIGATOR:

Natasha Von Roenn, MD

ENROLLMENT PHONE: 708-216-3268

210291: A Phase 3, Double-Blind, Randomized, Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Obeticholic Acid in Subjects with Compensated Cirrhosis due to Nonalcoholic Steatohepatitis The REVERSE Study Randomized phase 3 study Evaluating the Efficacy and safety of obeticholic acid in subjects with compensated cirrhosis due to nonalcoholic Steatohepatitis

PRINCIPAL INVESTIGATOR:

Natasha Von Roenn, MD

ENROLLMENT PHONE: 708-216-3268

HODGKIN LYMPHOMA

209039: Phase II Trial of Pembrolizumab in Combination with ICE Salvage Chemotherapy for Relapsed/Refractory Hodgkin Lymphoma

PRINCIPAL INVESTIGATOR:

Scott Smith, MD

ENROLLMENT PHONE: 708-327-3306

INFECTIOUS DISEASE

208631: A Phase 3, Multicenter, Randomized, Open-label, Active Controlled Study to Assess the Efficacy and Safety of Maribavir Treatment Compared to Investigator-Assigned Treatment in Transplant Recipients with Cytomegalovirus (CMV) Infections that are Refractory or Resistant to Treatment with Ganciclovir, Valganciclovir, Foscarnet, or Cidofovir

PRINCIPAL INVESTIGATOR:

Nina Clark, MD

ENROLLMENT PHONE: 708-216-4522

INTERSTITIAL LUNG DISEASE

207789: A Longitudinal Study of Hermansky-Pudlak Syndrome (HPS) Pulmonary Fibrosis

PRINCIPAL INVESTIGATOR:

Daniel Dilling, MD

ENROLLMENT PHONE: 708-216-2028

208608: Idiopathic Pulmonary Fibrosis Prospective Outcomes (IPF-PRO) and Chronic Fibrosing Interstitial Lung Disease with Progressive Phenotype Prospective Outcomes (ILD-PRO) Registry

PRINCIPAL INVESTIGATOR:

Daniel Dilling, MD

ENROLLMENT PHONE: 708-216-2028

210066: A Randomized, Double-Blind, Placebo-Controlled Dose Escalation Clinical Study to Assess the Safety and Efficacy of Pulsed, Inhaled Nitric Oxide (iNO) in Subjects with Pulmonary Hypertension Associated with Pulmonary Fibrosis on Long Term Oxygen Therapy

PRINCIPAL INVESTIGATOR:

Daniel Dilling, MD

ENROLLMENT PHONE: 708-216-5744

211264: A Phase 3, randomized, double-blind, parallel-group, placebo controlled multicenter study to evaluate the efficacy and safety of two doses of GLPG1690 in addition to local standard of care for minimum 52 weeks in subjects with idiopathic pulmonary fibrosis.

PRINCIPAL INVESTIGATOR:

Daniel Dilling, MD

ENROLLMENT PHONE: 708-216-5744

LUNG CANCER

209679: Blood Sample Collection in Subjects with Pulmonary Nodules or CT Suspicion of Lung Cancer or Pathologically Diagnosed Lung Cancer.

PRINCIPAL INVESTIGATOR:

Amit Goyal, MD

ENROLLMENT PHONE: 708-216-2058

211961: A Master Protocol to Evaluate Biomarker-Driven Therapies and Immunotherapies in Previously-Treated Non-Small Cell Lung Cancer Lung-MAP Screening Study.

PRINCIPAL INVESTIGATOR:

Kathy S. Albain, MD

ENROLLMENT PHONE: 708-327-3306

LUNG TRANSPLANT

209050: Loyola University Chicago: Cystic Fibrosis Consortium and Lung Transplant Biorepository

PRINCIPAL INVESTIGATOR:

Erin Lowery, MD

ENROLLMENT PHONE: 708-216-4522

204490: Alcohol and Lung Transplantation: Understanding donor and recipient consequences

PRINCIPAL INVESTIGATOR:

Erin Lowery, MD

ENROLLMENT PHONE: 708-216-4522

212070: Retrospective and Prospective Lung Transplant Outcomes

PRINCIPAL INVESTIGATOR:

Erin Lowery, MD

ENROLLMENT PHONE: 708-216-4522

210971: Association of psychosocial and behavioral factors and outcomes in lung transplantation.

PRINCIPAL INVESTIGATOR:

Erin Lowery, MD

ENROLLMENT PHONE: 708-216-4522

LYMPHANGIOLEIOMYOMATOSIS (LAM)

208527: Multicenter International Durability and Safety of Sunitinib in Lymphangiomyomatosis Trial (MIDAS Trial)

PRINCIPAL INVESTIGATOR:

Daniel Dilling, MD

ENROLLMENT PHONE: 708-216-5744

207665: Multicenter Investigational Lymphangiomyomatosis Early Disease Trial (MILED Trial)

PRINCIPAL INVESTIGATOR:

Daniel Dilling, MD

ENROLLMENT PHONE: 708-216-5744

LYMPHOMA

210128: An International, Phase 2, Open-Label, Randomized Study of BGB-3111 Combined with Obinutuzumab Compared With Obinutuzumab Monotherapy in Relapsed/Refractory Follicular Lymphoma

PRINCIPAL INVESTIGATOR:

Scott Smith, MD

ENROLLMENT PHONE: 708-327-3306

210202: A Randomized Phase 3 Study to Evaluate the Efficacy and Safety of Enzastaurin Plus R-CHOP Versus R-CHOP in Treatment-Naive Subjects with High-Risk Diffuse Large B-Cell Lymphoma Who Possess the Novel Genomic Biomarker DGM1™

PRINCIPAL INVESTIGATOR:

Scott Smith, MD

ENROLLMENT PHONE: 708-327-3306

210777: A Randomized Phase III Trial of Consolidation with Autologous Hematopoietic Cell Transplantation Followed by Maintenance Rituximab vs. Maintenance Rituximab Alone for Patients with Mantle Cell Lymphoma In Minimal Residual Disease-Negative First Complete Remission

PRINCIPAL INVESTIGATOR:

Patrick Stiff, MD

ENROLLMENT PHONE: 708-327-3306

206949: A Phase 1-2 Multi-Center Study Evaluating the Safety and Efficacy of KTE-C19 in Subjects with Refractory Aggressive Non-Hodgkin Lymphoma (NHL)

PRINCIPAL INVESTIGATOR:

Patrick Stiff, MD

ENROLLMENT PHONE: 708-327-3306

210004: A Phase 2b Randomized Study to Assess the Efficacy and Safety of the Combination of Ublituximab + TGR-1202 with or without Bendamustine and TGR-1202 alone in Patients with Previously Treated Non-Hodgkin Lymphoma

PRINCIPAL INVESTIGATOR:

Patrick Stiff, MD

ENROLLMENT PHONE: 708-327-3306

MELANOMA

208066: DREAMseq (Doublet, Randomized Evaluation in Advanced Melanoma Sequencing) A Phase III Trial NCT#02224781 EA6134: A Randomized Phase III trial of Dabrafenib + Trametinib followed by Ipilimumab + Nivolumab at Progression vs. Ipilimumab + Nivolumab followed by Dabrafenib + Trametinib at Progression in Patients With Advanced BRAFV600 Mutant Melanoma

PRINCIPAL INVESTIGATOR:

Joseph Clark, MD

ENROLLMENT PHONE: 708-327-3306

MULTIPLE MYELOMA

209274: Phase I/II Study of dose escalated carfilzomib, busulfan and melphalan with autologous stem cell transplant for the treatment of patients with multiple myeloma.

PRINCIPAL INVESTIGATOR: Patrick Stiff, MD

ENROLLMENT PHONE: 708-327-3306

209289: An Open-Label, Multicenter, Phase 2 Study of CLR 131 in Patients with Relapsed or Refractory (R/R) Select B-Cell Malignancies

PRINCIPAL INVESTIGATOR:

Patrick Stiff, MD

ENROLLMENT PHONE: 708-327-3306

NEPHROLOGY

210351: MDR-101-MLK: A Phase 3 Prospective, Randomized, Multi-Center, Open-Label, Controlled Trial to Assess the Efficacy and Safety of Cellular Immunotherapy with MDR-101 for Induction of Immune Tolerance in Recipients of HLA-Matched, Living Donor Kidney Transplants

PRINCIPAL INVESTIGATOR:

Sanjeev Akkina, MD

ENROLLMENT PHONE: 708-216-1166

208956: A Phase 3, Intravenous Sodium Thiosulfate for Acute Calciphylaxis Treatment: A Multicenter, Randomized, Double-blind, Placebo-controlled, Clinical Trial

PRINCIPAL INVESTIGATOR:

Vinod Bansal, MD

ENROLLMENT PHONE: 708-216-3268

210565: Evaluation of patient outcomes from the kidney allograft outcomes allosure registry

PRINCIPAL INVESTIGATOR:

Amishi Desai, DO

ENROLLMENT PHONE: 708-216-3268

NEUROLOGY

208004: Management of Acute Stroke Patients on Treatment with New Oral Anticoagulants: Addressing Real-world Anticoagulant Management Issues in Stroke (ARAMIS) Registry

PRINCIPAL INVESTIGATOR: Sean Ruland, DO
ENROLLMENT PHONE: 708-216-8122

211270: Multi-arm Optimization of Stroke Thrombolysis (MOST Stroke Trial)

PRINCIPAL INVESTIGATOR: José Biller, MD
ENROLLMENT PHONE: 708-216-8122

211784: Sleep for Stroke Management And Recovery Trial (Sleep SMART)

PRINCIPAL INVESTIGATOR: Michael Schneck, MD

ENROLLMENT PHONE: 708-216-8122

NUCLEAR MEDICINE

210184: A Comparison of Technegas® and Xenon Xe-133 Planar Lung Imaging in Subjects Referred for Ventilation Scintigraphy (CYC-009)

PRINCIPAL INVESTIGATOR: Robert Wagner, MD
ENROLLMENT PHONE: 708-216-5744

OVARIAN CANCER

210878: A Randomized, Phase II/III Study of Pegylated Liposomal Doxorubicin and CTEP-Supplied Atezolizumab versus Pegylated Liposomal Doxorubicin/Bevacizumab and CTEP-Supplied Atezolizumab versus Pegylated Liposomal Doxorubicin/Bevacizumab and Platinum Resistant Ovarian Cancer

PRINCIPAL INVESTIGATOR: Margaret Liotta, DO

ENROLLMENT PHONE: 708-327-3306

200541: Defining the Role of CD 24+ CD25+ Immunoregulatory T-Cells in treatment of patients with advanced ovarian cancer who receive dendritic cell-based vaccine therapy. Version 4, 12/26/07 Corrected Title: Defining the Role of CD 4+ CD25+ Immunoregulatory T-Cells in treatment of patients with advanced ovarian cancer who receive dendritic cell-based vaccine therapy.

PRINCIPAL INVESTIGATOR: Patrick Stiff, MD
ENROLLMENT PHONE: 708-327-3306

PROSTATE

210629: Phase III IGRT and SBRT Vs. IGRT and Hypofractionated IMRT for Localized Intermediate Risk Prostate Cancer

PRINCIPAL INVESTIGATOR: Abhishek Solanki, MD

ENROLLMENT PHONE: 708-327-3306

211370: A Phase II, Double-Blinded, Placebo-Controlled Randomized Trial of Salvage Radiotherapy With or Without Enhanced Anti-Androgen Therapy With Apalutamide in Recurrent Prostate Cancer

PRINCIPAL INVESTIGATOR:

Abhishek Solanki, MD

ENROLLMENT PHONE: 708-327-3306

210546: A Phase I/II study of salvage high-dose-rate Brachytherapy, External beam COmbined and short-term hormonal therapy for the treatment of Node-positive locally recurrent prostate cancer after prior definitive radiotherapy.

PRINCIPAL INVESTIGATOR:

Abhishek Solanki, MD

ENROLLMENT PHONE: 708-327-3306

PSYCHIATRY

210161: Vortioxetine Monotherapy for Major Depressive Disorder in Type 2 Diabetes: Role of Inflammation, Kynurenine Pathway, and Structural and Functional Brain Connectivity as Biomarkers.

PRINCIPAL INVESTIGATOR: Todd Doyle, MD

ENROLLMENT PHONE: 708-216-2057

PUBLIC HEALTH

210058: Integrating contextual factors into clinical decision support to reduce contextual error and improve outcomes in ambulatory care

PRINCIPAL INVESTIGATOR:

Frances Weaver, PhD

ENROLLMENT PHONE: 708-216-3268

PULMONARY HYPERTENSION

207844: A Multicenter, Randomized, Double-Blinded, Placebo-Controlled Trial to Evaluate the Safety and Efficacy of Inhaled Treprostinil in Subjects with Pulmonary Hypertension due to Parenchymal Lung Disease (RIN-PH-201)

PRINCIPAL INVESTIGATOR:

James Gagermeier, MD

ENROLLMENT PHONE: 708-216-2028

208333: An Open-Label Extension study of Inhaled Treprostinil in Subjects with Pulmonary Hypertension due to Parenchymal Lung Disease (RIN-PH-202)

PRINCIPAL INVESTIGATOR:

James Gagermeier, MD

ENROLLMENT PHONE: 708-216-2028

209497: A Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Efficacy of Oral Treprostinil in Subjects with Pulmonary Hypertension (PH) in Heart Failure with Preserved Ejection Fraction (HFpEF)

PRINCIPAL INVESTIGATOR:

James Gagermeier, MD

ENROLLMENT PHONE: 708-216-5744

209622: A Patient Registry of the Real-world Use of Orenitram

PRINCIPAL INVESTIGATOR:

James Gagermeier, MD

ENROLLMENT PHONE: 708-216-2028

210561: Phase 2 Multicenter, Double-Blind, Placebo Controlled, Efficacy, Safety, and Pharmacokinetic Study of 2 Doses of CXA-10 on Stable Background Therapy in Subjects with Pulmonary Arterial Hypertension (PAH)

PRINCIPAL INVESTIGATOR:

James Gagermeier, MD

ENROLLMENT PHONE: 708-216-5744

VAGINAL CANCER

210245: A Randomized Phase II Trial of Radiation Therapy and Cisplatin Alone or in Combination with Intravenous Triapine in Women with Newly Diagnosed Bulky Stage IB2, Stage II, IIIB, or IVA Cancer of the Uterine Cervix or Stage II-IVA Vaginal Cancer

PRINCIPAL INVESTIGATOR:

Matthew Harkenrider, MD

ENROLLMENT PHONE: 708-327-3306

VASCULAR SURGERY

209337: Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia (BEST)

PRINCIPAL INVESTIGATOR:

Bernadette Aulivola, MD

ENROLLMENT PHONE: 708-216-8122

211060: The Impact of Diabetes on Revascularization in BEST-CLI (TIDE)

PRINCIPAL INVESTIGATOR:

Bernadette Aulivola, MD

ENROLLMENT PHONE: 708-216-8122

208141: AAA 13-03: Assessment of the GORE® Excluder® Conformable AAA Endoprosthesis in the Treatment of Abdominal Aortic Aneurysms

PRINCIPAL INVESTIGATOR:

Pegge Halandras, MD

ENROLLMENT PHONE: 708-216-8122

Meet Our New Physicians



Marian Acevedo Alvarez, MD

Assistant Professor
Female Pelvic & Reconstructive Surgery
Urology

CLINICAL EXPERTISE

Botulinum Toxin Injections (Botox), Cystocele, Fistula, Gynecologic Surgery, Laparoscopic Surgery, Minimally Invasive Surgery, Pelvic Floor Disorders, Pelvic Organ Prolapse, Pelvic Reconstruction, Pelvic Surgery, Reconstructive Surgery, Rectocele, Robotic Surgery, Urinary Incontinence, Urinary Retention, Uterine Prolapse, Vaginal Hysterectomy



Lauren Astrug, MD

Assistant Professor
Pediatrics

CLINICAL EXPERTISE

Prematurity, Respiratory Failure, Sepsis, Jaundice

FELLOWSHIP

University of Chicago - Neonatology

RESIDENCY

UT Southwestern, Children's Medical Center of Dallas - Pediatrics

MEDICAL SCHOOL

Technion, Israeli Institute of Technology, Israel



Gregory Aubert, MD

Assistant Professor
Cardiology

CLINICAL EXPERTISE

Abdominal Aortic Aneurysm, Abnormal Lipids and High Cholesterol, Aneurysm, Aortic Aneurysm, Aortic Stenosis, Arrhythmia, Atherosclerosis, Cardiac Amyloidosis, Congestive Heart Failure, Coronary Artery Disease, Diagnosis and Treatment of Complexion Problems, Echocardiography, Familial Aortic Disease, Familial Thoracic Aortic Disease, Heart Attack, Heart Disease, Heart Failure, Heart Murmur, Heart Valve Disease, High Blood Pressure, High Cholesterol, Hypercholesterolemia, Hypertension, Hypertrophic, Cardiomyopathy, Ischemic Heart Disease, Marfan's Syndrome, Physical Exam, Treatment After Heart Attack, Treatment of Abnormal Lipids and High Cholesterol, Valvular Heart Disease, Women's Heart Disease

FELLOWSHIP

Northwestern University - Cardiology

RESIDENCY

UT Southwestern Medical Center - Internal Medicine

MEDICAL SCHOOL

University of Lausanne Medical School, Switzerland



Sylvester Barnes, MD

Assistant Professor
Nephrology

CLINICAL EXPERTISE

AV Fistula, Anemia, Blood Transfusion, Calcium Metabolism Disorders, Chronic Kidney Disease, Diabetic Kidney Disease, Dialysis, Endovascular Therapy, Glomerulonephritis, Hematuria, Hemodialysis, High Blood Pressure, Hypertension, Kidney Disease, Kidney Disorder, Kidney Failure, Lupus, Nephritis, Peritoneal Dialysis, Physical Exam, Polycystic Kidney Disease, Renal Disease (Kidney Disease), Urinary Infection

FELLOWSHIP

Loyola University Medical Center - Nephrology

RESIDENCY

Aurora Medical Center - Internal Medicine

MEDICAL SCHOOL

Indiana University School of Medicine



Stephanie Berg, DO

Assistant Professor
Hematology/Oncology

CLINICAL EXPERTISE

Bone Marrow Disorders, Kidney Cancer, Leukemia

FELLOWSHIP

Loyola University Medical Center - Hematology and Oncology

RESIDENCY

University of Illinois Chicago - Internal Medicine

MEDICAL SCHOOL

Lake Erie College of Osteopathic Medicine



Ashish Bhatia, MD

Clinical Assistant Professor
Dermatology

CLINICAL EXPERTISE

Dermatologic Surgery, Skin Cancer, Skin Cancers of the Head and Neck

FELLOWSHIP

SkinCare Physicians of Chestnut Hill - Mohs Micrographic Surgery, Cutaneous Oncology, Reconstruction, Laser & Cosmetic Surgery, Device & Pharmaceutical Clinical Trials Unit Research Fellowship

RESIDENCY

Virginia Commonwealth University - Dermatology

MEDICAL SCHOOL

Northeastern Ohio University College of Medicine



Lisa Black, DDS

*Clinical Assistant Professor
Oral Surgery*

RESIDENCY
University of Louisville - General Practice

MEDICAL SCHOOL
University of Detroit



Lee Jenkins, MD

*Assistant Professor
General Surgery*

CLINICAL EXPERTISE
AV Fistula, Benign Anorectal Disease, Benign Breast Disease, Biliary Disease, Bowel Surgery, Breast Cancer Surgery, Colon Cancer, Dialysis Access Surgery, Gallbladder Surgery (Cholecystectomy), Hernia, Hernia Repair Surgery, Laparoscopic Surgery, Peritoneal Dialysis Catheter Placement

RESIDENCY
Rush University Medical Center - General Surgery

MEDICAL SCHOOL
University of Illinois at Chicago



Michael Doerrler, DO

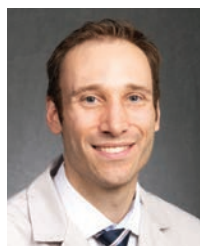
*Assistant Professor
Neurology*

CLINICAL EXPERTISE
Headache, Migraine

FELLOWSHIP
Loyola University Medical Center - Headache Medicine

RESIDENCY
Loyola University Medical Center - Neurology

MEDICAL SCHOOL
Midwestern University College of Osteopathic Medicine



L. Mark Knab, MD

*Assistant Professor
Surgical Oncology*

CLINICAL EXPERTISE
Bile Duct Cancer, Biliary Disease, Bowel Surgery, Endoscopy, Esophagus Surgery, Gallbladder Surgery (Cholecystectomy), Gastrointestinal Stromal Tumor (GIST), Gastrointestinal Surgery, Intra-operative Heated Chemotherapy, Laparoscopic Surgery, Liver Cancer, Melanoma, Minimally Invasive Liver Tumor Treatment, Minimally Invasive Surgery, Pancreas Cancer, Pancreas Disorders, Pancreas Surgery, Radiofrequency Tissue Ablation, Robotic Surgery, Stomach Surgery, Surgery for Pancreatic Cancer, Whipple Surgery

FELLOWSHIP
University of Pittsburgh - Surgical Oncology

RESIDENCY
Northwestern University - General Surgery

MEDICAL SCHOOL
Georgetown University School of Medicine



Amy Guralnick, MD

*Assistant Professor
Pulmonary and Critical Care Medicine*

CLINICAL EXPERTISE
CPAP Management, Insomnia, Mechanical Ventilation, Narcolepsy, Neuromuscular Control of Breathing, Parasomnias, Respiratory Failure, Restless Legs Syndrome (RLS), Sleep Apnea/Obstructive Airway Disease, Sleep Disorder

FELLOWSHIP
Cook County Hospital - Pulmonary and Critical Care Medicine
University of Chicago - Sleep Medicine

RESIDENCY
Lutheran General Hospital - Internal Medicine

MEDICAL SCHOOL
Chicago Medical School/Finch University of Health Sciences



David Lee, MD

*Assistant Professor
Intra-Abdominal Transplantation*

FELLOWSHIP
University of Michigan, Ann Arbor - Abdominal Transplant

RESIDENCY
Rush University Medical Center - General Surgery

MEDICAL SCHOOL
University of Michigan Medical School



Nasheed Hossain, MD

*Assistant Professor
Hematology/Oncology*

CLINICAL EXPERTISE
Bone Marrow Transplantation, Cancer of the Blood and Blood Cells, Leukemia, Lymphoma

FELLOWSHIP
Fox Chase Cancer Center/Temple University Hospital - Hematology/Oncology
Stanford University School of Medicine - Stem Cell Transplant/Cancer Immunotherapy

RESIDENCY
University of Chicago - Internal Medicine

MEDICAL SCHOOL
Case Western Reserve University School of Medicine



Kristina Lemon, MD

*Assistant Professor
Intra-Abdominal Transplantation*

CLINICAL EXPERTISE
Kidney Transplant, Liver Transplant

FELLOWSHIP
University of Ottawa - Hepatobiliary Surgery
University of Pittsburgh Medical Center - Multi-Organ Transplant Surgery

RESIDENCY
Memorial University of Newfoundland - General Surgery

MEDICAL SCHOOL
University of Western Ontario Schulich School of Medicine & Dentistry



Victoria Linares, MD

*Assistant Professor
Family Medicine*

CLINICAL EXPERTISE
Diabetes (Diabetes Mellitus)

FELLOWSHIP
University of Iowa Hospitals and Clinics - Geriatric Medicine

RESIDENCY
University of Iowa Hospitals and Clinics - Family Medicine

MEDICAL SCHOOL
University of Iowa College of Medicine



Kevin McVary, MD

*Professor
Urology*

CLINICAL EXPERTISE
Benign Prostatic Enlargement (BPH), Elevated PSA, Erectile Dysfunction, Laser Surgery, Minimally Invasive Techniques for BPH, Minimally Invasive Urologic Surgery, Prostate Cancer, Reconstructive Surgery, Robotic Surgery, Robotic/Radial Prostatectomy, Urological Cancer, Voiding Dysfunction

RESIDENCY
Northwestern Memorial Hospital - General Surgery
Northwestern Memorial Hospital - Urology

MEDICAL SCHOOL
Northwestern University



Mrunal Patel, MD

*Assistant Professor
Pulmonary and Critical Care Medicine*

FELLOWSHIP
Loyola University Medical Center - Pulmonary and Critical Care Medicine
Indiana University Medical Center - Thoracic Transplantation

RESIDENCY
University of Illinois Hospital - Internal Medicine

MEDICAL SCHOOL
Virginia Commonwealth University



Michelle Puzio-Bell, DO

*Assistant Professor
General Internal Medicine*

CLINICAL EXPERTISE
Diabetes (Diabetes Mellitus), Hyperlipidemia, Hypertension, Osteoporosis

RESIDENCY
St. John's Detroit Riverview Hospital - Internal Medicine

MEDICAL SCHOOL
Kirkville College of Osteopathic Medicine



Susanne Shokoohi, MD

*Assistant Professor
Gastroenterology*

CLINICAL EXPERTISE
Acid Reflux (Heartburn), Anal Fissure, Barrett's Esophagus, Colon Cancer, Colon Polyp, Colonoscopy, Constipation, Diarrheal Illnesses, Diverticulitis, Dyspepsia, Endoscopy, Eosinophilic Esophagitis, Fecal Incontinence, Gas and Bloating, Hemorrhoid, Irritable Bowel Syndrome

FELLOWSHIP
Rush University Medical Center - Gastroenterology & Hepatology

RESIDENCY
Oregon Health Sciences University - Internal Medicine

MEDICAL SCHOOL
Wake Forest University



Christine Villoch, MD

*Assistant Professor
Physical Medicine and Rehabilitation*

FELLOWSHIP
Orthopaedic & Spine Specialists - Pain Management

RESIDENCY
Northwestern University - Physical Medicine and Rehabilitation

MEDICAL SCHOOL
University of Miami



Zuie Wakade, DO

*Assistant Professor
Gastroenterology*

CLINICAL EXPERTISE

Acid Reflux (Heartburn), Anal Fissure, Barrett's Esophagus, Colon Cancer, Colonoscopy, Constipation, Diarrheal Illnesses, Diverticulitis, Endoscopy, Eosinophilic Esophagitis, Fecal Incontinence, Gas and Bloating, Hemorrhoid, Irritable Bowel Syndrome, Pelvic Floor Disorders

FELLOWSHIP

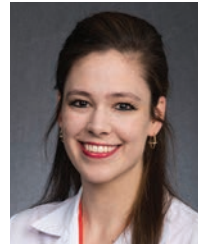
St. John Providence Health System - Macomb Oakland Hospital - Gastroenterology & Hepatology

RESIDENCY

Henry Ford Macomb Hospital - Internal Medicine

MEDICAL SCHOOL

Michigan State University College of Osteopathic Medicine



Kirsten Webb, MD

*Assistant Professor
Dermatology*

CLINICAL EXPERTISE

Acne, Autoimmune Skin Disorders, Botulinum Toxin Injections (Botox), Connective Tissue Diseases, Contact Allergy, Cosmetic Dermatology, Laser Surgery, Psoriasis, Rosacea, Sarcoidosis, Sinus Infection, Skin Cancer, Skin Cancer Surgery, Vasculitis

RESIDENCY

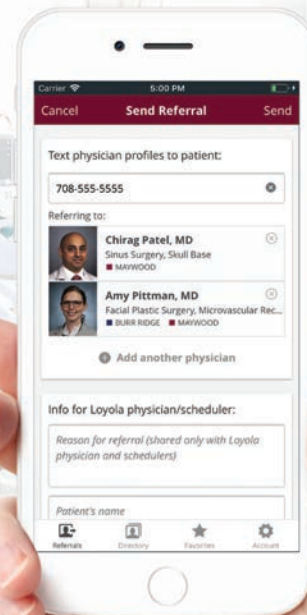
Loyola University Medical Center - Dermatology

MEDICAL SCHOOL

University of Illinois at Chicago - College of Medicine

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Accelerated Partial Breast Irradiation Shortens Treatment

Loyola Medicine and Palos Health are offering a new breast cancer radiation therapy that shortens the treatment time by three weeks, while reducing side effects.



*Tamer Abdelrhman,
MD, PhD*

The treatment is offered to patients who have undergone lumpectomies for early-stage breast cancer that has not spread to lymph nodes. It's called MRI-guided accelerated partial breast irradiation (APBI).

The treatment is available at the Loyola Center for Cancer Care and Research at Palos Health South Campus in Orland Park. The center was the first site in Illinois to offer MRI-guided APBI.

Traditionally, breast cancer patients who received radiation after lumpectomies were treated for 33 days over 6 ½ weeks. Over the past few years, the regimen has shortened to 20 days over four weeks.

MRI-guided APBI shortens the regimen further. The patient receives one or two radiation treatments per day for five days. The treatments are given once daily or twice daily, said Loyola Medicine radiation oncologist Tamer Refaat Abdelrhman, MD, PhD, MSCI.

MRI-guided APBI is administered by a groundbreaking radiation system called MRIdian® Linac. The Loyola Palos center is the first in Illinois – and only the fifth in the country – to offer the system, with real-time, on-table radiation target track which targets tumors with millimeter precision. An ultra-sharp beam of radiation is delivered precisely to the tumor cavity, even if body functions such as breathing cause movement during treatment. This minimizes damage to surrounding tissues.

In traditional breast cancer radiation therapy, the radiation usually is delivered to the entire breast. In standard APBI treatment, the radiation is limited to a 2.5 cm.-thick rim of healthy tissue surrounding the lumpectomy cavity. In APBI guided by MRI imaging, there's even less exposure to healthy tissue – the margin is only 1 cm to 1.5 cm thick. The tighter margin and highly precise MRI guidance throughout every radiation treatment likely will reduce side effects, Dr. Abdelrhman said. ■

