WINTER 2020



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SAVE THE DATE Alumni Jubilee October 8-10, 2020

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Rounds

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William Hakeos, M.D. Henry Ford Medical Group Alumni Association

FROM THE PRESIDENT

s we begin 2020, nothing makes us more proud or grateful as physicians than thinking about so many of our patients who were able to ring in a new year, and a new decade, with a new lease on life.

Innovative and individualized care is key to a patient's quality of life during and after treatment, and, as always, it is top-of-mind at Henry Ford Health System.

In this issue of Rounds, you'll read about how 3D printing is being used to personalize surgical procedures—and how it is having an even broader impact in the medical and research communities. You'll read about how some of our own physicians have partnered with experts from around the globe to build a dynamic clinical trial for aggressive brain cancerand enrolled the first patient here at Henry Ford. And you'll get updates on the construction of some brand-new facilities that focus on patient wellness throughout their health journey—and are changing the landscape of the surrounding communities.

As an orthopedic surgeon, I am particularly excited about the new





William Clay Ford Center for Athletic Medicine and all that the facility has to offer, to everyone from professional athletes to people who just want to maintain an active lifestyle.

And the installation of the Nancy Vlasic Skywalk at the still-underconstruction Brigitte Harris Cancer Pavilion has put us one major step closer to the official opening of what promises to be an amazing new facility in July of 2020.

I'm also very pleased to share the news that Dr. Steven Kalkanis, current Chair of the Department of Neurosurgery, has been chosen as the new CEO of the Henry Ford Medical Group. He will also serve as the Senior Vice President and Chief Academic Officer, responsible for the development and advancement of all research and medical education programs. This is great news for Henry Ford, and we are so excited to see where the Henry Ford Medical Group can go under his leadership.

For the year ahead, I wish all the best to you, your families and your patients.

Un M. Balle



It's Not Just A Heart. It's YOUR Heart.

THESE WORDS MEAN SO MUCH MORE IN THE WORLD OF PRECISION MEDICINE, where 3D imaging and printing are allowing doctors at Henry Ford's CENTER FOR STRUCTURAL HEART DISEASE TO FULLY EXPLORE DETAILED PICTURES AND MODELS OF EACH PATIENT'S HEART TO PREPARE FOR COMPLEX SURGICAL PROCEDURES. BECAUSE THEY'RE NOT TREATING A GENERIC ILLUSTRATION OF A HEART IN A MEDICAL TEXT. THEY'RE TREATING "BOB'S HEART," "SUE'S HEART," OR, IN THE CASE OF THIS ISSUE'S FEATURE STORY, "LILLIAN'S HEART," AND NOW THEY CAN DO IT WITH A LEVEL OF PRECISION THAT'S AS UNIQUE AS THE HEART ITSELF.

FEATURE

The Future is Print



AS NEARLY EVERY INDUSTRY DECRIES THE "DEATH OF PRINT" IN FAVOR OF A DIGITAL **REVOLUTION, HEALTHCARE** PRACTITIONERS AND **RESEARCHERS, INCLUDING** MANY AT HENRY FORD, ARE TAKING PRINT TO A WHOLE NEW DIMENSION AND USING IT TO SHAPE THE FUTURE OF MEDICINE.

fter doing something 999 times, it would make sense if the 1,000th felt a little bit like old news. But when the task is surgery, the 1,000th patient is as unique as all 999 that came before her, and that makes her successful mitral valve replacementaided by revolutionary 3D printing technology-a milestone to celebrate.

The patient was Lillian Keavey, an 83-year-old from northern Michigan. She was active and outdoorsy, taking daily walks with her daughter and her daughter's dog, regardless of the weather. After a bout of pneumonia, she started experiencing shortness of breath and her stamina started to wane, and Abraham Salacata, M.D., her cardiologist in Alpena, diagnosed her with mitral valve stenosis.

Having already experienced open heart surgery once in her life, to replace the very valve that currently wasn't working, Lillian and her husband James weren't thrilled about the idea of doing it again.

"My cardiologist in Alpena was the one who said it had to be fixed," Lillian said. "And I said, 'Eww, do I have to have open heart surgery again?' And he said, 'No, I'll send you to Henry Ford."' So that's exactly what Dr. Salacata did.

Here, cardiologists got right to work prepping for a procedure that, as heart surgeries go, is well-known.

According to a 2018 article by medical market research and consulting firm iData Research, more than 182,000 heart valve replacements are performed each year, making valve replacement one of the most common cardiac procedures. These tried-and-true procedures have been refined over the years. The operations are less invasive, the valves longer-lasting, and the recovery times much shorter-all to benefit patients' quality of life post-op.

3D printing technology has allowed the experts at the Henry Ford Center for Structural Heart Disease to add a new layer of precision to this type of surgery.

Cardiologist Dee Dee Wang, M.D., the imaging expert and medical director of 3D printing at Henry Ford Innovations, used detailed pictures of Lillian's heart to design an exact, three-dimensional replica that the surgeons could hold in their hands and study closely, inside and out. They were able to choose precisely the correct sized valve, and knew exactly how to position it inside the heart, thanks to the model.



"When you hold it in your hand it becomes more intuitive, rather than just on a screen," Dr. Wang said. "Our brains understand that better, and that's invaluable for any surgeon going into a surgery."

"The most important part is the planning," said William W. O'Neill, M.D., who is director of the Henry Ford Center for Structural Heart Disease and was on Lillian's surgical team. "There's integral planning that's involved with sizing the valve, assuring that the positioning is accurate and there is no potential for obstruction of blood flow within the heart. The procedure is amazing. And with the aid of 3D printing, it is incredibly effective and very safe with the proper planning. We've become a leader in medical 3D printing, thanks to Dr. Wang and Henry Ford Innovations."

Was Lillian thrilled to make history in such a way? Sure. But for her, the specifics of the procedure were secondary to what it meant for her overall health.

"I was very glad to be chosen to have it done, because the alternative was another open-heart surgery, and I wasn't looking forward to that," Lillian said. "There's a three-month recovery, whereas this one is just two weeks."

To make a gift to support the Center for Structural Heart Disease, please contact Maria Harrington at 313-874-6417 or mharrin2@hfhs.org.

Lillian Keavey credits an innovative team at Henry Ford—including Dr. O'Neill and Dr. Wang-for getting her back to her active lifestyle after a successful valve replacement.







First, Dr. Wang and her colleagues converted a CT scan of Lillian's heart into a computer model and then created a 3D printed version, which was used to prepare for her surgery.

3D PRINTING TECHNOLOGY IN MEDICINE: THE MILESTONES

IN A WAY, LILLIAN'S MITRAL VALVE REPLACEMENT PROCEDURE—AND THE MEDICAL PROCEDURES ALL 999 PATIENTS HENRY FORD TREATED PRIOR TO LILLIAN—WAS FOUR DECADES IN THE MAKING, FROM THE ORIGINAL CONCEPTION OF 3D PRINTING, TO THE ADVENT OF 3D PRINTING IN MEDICINE, TO THE ADVANCEMENTS, BREAKTHROUGHS, AND REMARKABLE OUTCOMES THAT HAVE HAPPENED SINCE.

1981

The first documented use of a process similar to 3D printing occurs in Ngoya, Japan, where a researcher named Hideo Kodama used polymers and UV light to create hardened plastic models.

2012

A woman in the Netherlands is the recipient of a brand-new, 3D printed jaw—made of titanium with articulated joints, cavities for muscle attachment, and grooves to direct the regrowth of nerves and veins. The surgery to attach the jaw took just four hours—one-fifth the time it would've taken to reconstruct the woman's original jaw bone—and her mouth and throat were functional just hours after the surgery.

1984

Researchers with the French General Electric Company attempt to file a patent for a similar process, but are denied due to perceived lack of business potential. (If the folks in the patent office only knew!)

Later in 1984-87: Chuck Hull, an American researcher with 3D Systems Corporation files a patent for a stereolithography fabrication system and develops the process we now know as 3D printing.

2009

Organovo, a pioneering medical 3D printing company, begins work on the creation of blood vessels using bioprinting. Over the next decade, Organovo will also partner with leading research institutions to create 3D organ tissues including liver, kidney and skin, among others—for drug testing and transplantation research.

1988

3D printing technology is made available to the public when Hull sells his first 3D printer for \$100,000. Other developers begin to refine the process, test new techniques and materials and create smaller, more consumer-friendly printers for domestic and commercial use. People begin to consider what this technology could do for medicine and dentistry, particularly in the area of prosthetics.

2008

3D technology is used to print the first prosthetic leg and many of its complex component parts.

2013 =

Using a plastic ear-shaped mold as their base, scientists at Cornell University build a collagen matrix, coat it in collagen cells, and grow a living ear that looks and feels like the real thing.



Henry Ford Health System's 3D printing program is launched at Henry Ford Innovations, overseen by Eric Myers and Dee Dee Wang, M.D. Over the next five years, 1,000 patients will receive treatment aided

in some way by 3D printing.

1999

Scientists at the Wake Forest Institute for Regenerative Medicine use 3D printing technology to print a synthetic framework of a human bladder, which was used to grow new bladder tissue that could be implanted in a patient without the risk of immune rejection because the tissue was grown from the patient's own cells.

2003

A process called "bioprinting" is born at Clemson University when Dr. Thomas Boland, a bioengineer, files a patent titled "Ink-jet printing of viable cells." In this method, compounds that promote cell adhesion and proliferation are mixed with human cells to create bio-ink, which is then distributed layer-by-layer via a 3D printer to build tissues and organs.

2017 AND BEYOND

A welder in Florida experiences a work accident that crushes his left middle finger. Instead of amputation, Doctors are able restore full functionality to his hand by 3D printing a new finger bone to fit his hand's exact measurements. Best of all, the man is able to return to work.

TAKING CARE

"Watching" *the* Heart *from* Within

THIS PROCEDURE IS JUST ONE EXAMPLE OF THE **ARRAY OF MINIMALLY INVASIVE TREATMENTS** THAT HENRY FORD ALLEGIANCE HEALTH WILL **BE ABLE TO PROVIDE TO** THE JACKSON AREA, THROUGH THE FIRST-**CLASS STRUCTURAL HEART PROGRAM CURRENTLY BEING** DEVELOPED THERE.



or patients at risk of a stroke due to dtrial fibrillation, the prospect of taking an anti-clotting medication like warfarin for the rest of their lives is a double-edged sword.

It prevents blood from pooling and clotting in the left atrial appendage, but it also prevents blood from clotting elsewhere, which can lead to lifethreatening excessive bleeding.

But a revolutionary new procedure could change the way certain patients manage their afib, eliminating their need for blood thinners, in favor of a tiny implanted device appropriately named the WATCHMAN

WATCHMAN stands guard at the entrance to the left atrial appendage, permanently sealing off the entrance so that blood cannot enter and pool.

The procedure was first performed at Henry Ford Allegiance Health in Jackson, Michigan last March, by electrophysiologist Timothy Shinn, M.D. Dr. Shinn's patient had atrial fibrillation, and had previously had a stroke, making a warfarin regimen particularly risky.

"By implanting the WATCHMAN device, we were able to lower the risk of a future stroke to one or two percent, and the patient will eventually be able to stop using any form of anti-clotting medication," Dr. Shinn said. "We are very pleased to bring this life-saving technology to our community."

This procedure is just one example of the array of minimally invasive treatments that Henry Ford Allegiance Health will be able to provide to the Jackson area, through the first-class Structural Heart Program currently being developed there.

The program specializes in minimally invasive procedures that correct abnormalities in the heart's structure, including the valves, walls and muscle, as well as the arteries that surround the heart. Another procedure gaining traction in this area is the Transcatheter Aortic Valve Replacement (TAVR), which can be used to replace a defective heart valve without open-heart surgery—providing new hope for heart patients for whom more invasive procedures could be challenging to their advanced age, frailty or degree of heart damage.

It's not just cancer treatment. It's YOUR cancer treatment.

T t is becoming increasingly apparent in every area of L medicine that a one-size-fitsall approach doesn't always "fit all." But for that to change, the very processes by which treatments are created and tested needs to change, too—especially when it comes to cancer.

Henry Ford Cancer Institute is taking major steps in this direction by being the first in the world to enroll a brain cancer patient in the new GBM AGILE Trial. AGILE stands for Adaptive Global Innovative Learning Environment, and it is the first trial of its kind for glioblastoma.

Where traditional clinical trials take three to seven years to produce results, cannot be modified once started, and study only one treatment against the standard of care, GBM AGILE—a Phase II (Efficacy and Safety)/Phase III (Confirmatory) trial—is uniquely designed as a longstanding platform with the ability to test multiple therapies concurrently against a common control. GBM AGILE was first conceived in 2015 by an international group of more than 130 clinicians, researchers, biostaticians, imagers, pathologists patient advocates and leaders from government and industry.



"We are launching an era of unprecedented collaboration and advancement in glioblastoma treatment. Current treatments have been refined—including surgery, radiation and chemotherapy—but in the era of molecular medicine, dramatic leaps in outcomes through immunotherapy or targeted therapies are yet to be fully realized. With GBM AGILE, those dramatic leaps in outcomes will be more attainable, and at a faster pace, than

ever before."

STEVEN N. KALKANIS, M.D., CEO OF THE HENRY FORD MEDICAL GROUP, SVP AND CHIEF ACADEMIC OFFICER

The study came together in response to new knowledge about the molecular basis of different types of cancers—including glioblastoma-thanks to a 10-year landmark precision medicine effort called The Cancer Genome Atlas, led by the National Cancer Institute and the National Human Genome Research Institute.

With so many collaborators, and so much new knowledge to work with, Henry Ford patients will be supported in every aspect of their fight against one of the deadliest diseases on the planet, in a way that fits them, and the unique genetic makeup of their specific case.

WHY DID YOU BECOME A **PHYSICIAN?**

My mom told me to! When I finished my first year of college in India, I took an entrance exam that allowed me to apply to either engineering school or medical school. My mother told me, "You're going to medical school!"

Initially, I wanted to study neurosurgery, thanks to the medical novels of writers like A.J. Cronin. However, once I came to the United States, I became fascinated by urology and was offered a full residency at Johns Hopkins University with Patrick Walsh, M.D., the Director of the Brady Urology Institute there. Training with Dr. Walsh laid the foundation of my academic career, encouraging me to guestion conventional wisdom and come up with creative solutions.



TELL ME ABOUT THE INNOVATIONS YOU'VE WORKED ON TO ADVANCE PATIENT CARE.

When I was a resident, I helped develop a technique to identify androgen receptors in the prostate. I also helped pioneer the first routine robotic surgical program in the world, focusing on the treatment of prostate cancer. The minimally invasive approach we devised prevented massive blood loss, as well as preserved the nerves around the prostate and therefore erectile function. Since then, the techniques we introduced have led to a huge improvement in the quality of life for millions of people around the world who have undergone robotic surgery. Had we not laid the foundations for robotic surgery two decades ago, we might not be where we are today.

Mani Menon, M.D., is one of the world's foremost experts in urology, having pioneered the field of robotic surgery. He is also responsible for the growth and prestige of Henry Ford Health System's Vattikuti Urology Institute over the last several decades. Dr. Menon recently stepped down as department chair of VUI, but plans to continue to uncover innovative treatment solutions for urology patients.

WHAT ARE YOU MOST LOOKING FORWARD TO IN

THE NEXT YEAR OR SO?

What I'm looking forward to is continuing to innovate and work with patients without having the administrative responsibilities I have had for the last 36 years. Specifically, I am excited to explore a more nuanced approach to prostate cancer, something between doing nothing and doing everything. This approach is called precision prostatectomy, and it allows us to remove the cancer but preserve the nerves.

CAN YOU TELL ME ABOUT A PARTICULARLY MEMORABLE PATIENT **EXPERIENCE?**

Recently, I saw an elderly female patient who was very frail. She had type of cancer that typically would have required the removal of the entire bladder, and multiple previo physicians had offered that as her only treatment option. She and I be thought that she was too weak to withstand such a procedure, but neither did we want to let the canc grow. I created a plan where we would remove only the portion of bladder that had cancer and caref

WHAT ARE YOUR PASSIONS OR HOBBIES **OUTSIDE OF MEDICINE?**

For the past two or three years, I have been volunteering at an elementary school in New York where I run science experiments with kids in kindergarten through sixth grade. It's called the Pa-G Club, which is what my grandchildren call me. I help about 100 kids a week, trying to bring some fun into their school day. Because I have such a short period of time with these children of all different ability levels, I have great fun coming up with projects that appeal to everyone.

WHAT HAS BEEN THE PROUDEST MOMENT OF YOUR **CAREER SO FAR?**

I am particularly proud of my work, in partnership with several other talented physicians, in developing robotic kidney transplant procedures. Perhaps my greatest pride, however, has been to train residents and other physicians, and to in turn learn from them. I have been asked to teach my robotic techniques to many physicians from across the globe who have visited Henry Ford.

	put her back together. She loved the
d a	idea and was ecstatic because no
1	other physician she had consulted
	had come up with this solution. After
us	the successful procedure, she wrote a
	very nice letter to Bob Riney, Henry
oth	Ford's President of Healthcare
	Operations and Chief Operating
	Officer, saying that she was grateful
cer	for the innovative approach-and that
	I injected some humor into a scary
the	situation, as well.
ully	







Celebrating A Visionary



DR. MANI MENON IS A WORLD-RENOWNED UROLOGIST, KNOWN FOR THE MARK HE HAS MADE ON THE WORLD OF ROBOTIC SURGERY. Although Dr. Menon recently stepped down as chair of the Vattikuti Urology Institute, he will continue to practice at Henry Ford Health System, which has been his clinical home for more than 20 years. To celebrate his storied career, he was honored at a symposium and gala held on October 5-6, 2019.



















To make a gift in celebration of Dr. Menon's accomplishments, please visit www.HenryFord.com/Menon or contact Luke Sparkman at 248-325-0269 or Lsparkm1@hfhs.org.

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FEATURE

Shedding Light on Patients

EDGE

Benjamin Mousas, M.D. Chairman Radiation Oncology

GAME

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BENJAMIN MOVSAS, M.D., BELIEVES IN THE POWER OF PHILANTHROPY TO TRANSFORM CARE FOR CANCER PATIENTS AT HENRY FORD.

FEATURE

Donor Support Helps Boost Patient Spirits



"Philanthropy is, at the end of the day, all about doing the very best we can for patients...Our donors not only help us complete important projects, but also boost our spirits. They let us know that they're behind us and want us to succeed."

BENJAMIN MOVSAS, M.D. CHAIR, DEPARTMENT OF RADIATION ONCOLOGY HENRY FORD CANCER INSTITUTE

y father, a surgeon, told me to always listen carefully to your patients-they'll tell you everything you need to know," says Benjamin Movsas, M.D., Chair of Henry Ford Cancer Institute's Department of Radiation Oncology. "Early on, I learned he was absolutely right."

Raised in New York, Dr. Movsas knew from a young age that he wanted to follow in his dad's footsteps and dedicate his life to medicine. At Harvard University, he met his wife Tammy, and together they both went to medical school at Washington University in St. Louis.

Dr. Movsas was particularly drawn to the field of radiation oncology and its role in fostering better outcomes for cancer patients using the latest technology. In 2004, after a decade at Fox Chase Cancer Center in Philadelphia, Dr. Movsas was looking for his next move and eyed a position as Chair of Radiation Oncology at Henry Ford.

"Henry Ford has had a pioneering spirit from the beginning, and I wanted to be part of it," says Dr. Movsas. "Number one we had, and continue to have, a truly novel translational research program in gene therapy funded by the National Cancer Institute. Also, on the technical side, Henry Ford had been a

leader from the get-go in stereotactic or focused radiation."

Dr. Movsas accepted the role and has reveled in it ever since. Over the years, Dr. Movsas has built a world-class team that includes nationally-recognized radiation oncology physicians, physicists, biologists, nurses, dosimetrists and therapists, who treat thousands of cancer patients from across the globe. Under his leadership, Radiation Oncology at Henry Ford became the site of the world's first FDA-approved combined MRI and linear accelerator unit (ViewRay MRLinac). This unique machine allows for the real-time tracking of tumors, enabling physicians to target tumors in sensitive regions while sparing surrounding healthy tissue. His department also had the first Varian Edge dedicated stereotactic radiation unit in North America. The expert radiation oncologists and team at Henry Ford have now trained hundreds of doctors from all around the world on these complex technologies.

Dr. Movsas still believes wholeheartedly in the wisdom of his father's words and strives to embody the values of patientcentered care every day as a practitioner, mentor and leader. Yet even beyond his many career accomplishments while at Henry Ford, Dr. Movsas considers his patient relationships to be the most important part of his work.



To further support and honor his patients, Dr. Movsas is actively involved in giving back at Henry Ford, as a donor to and vice chair of the Henry Ford Employee and Physician Giving Campaign, and as a Game On Cancer fundraiser. He is also thankful for the impact that philanthropy has had on his own department's research.

"Philanthropy is, at the end of the day, all about doing the very best we can for patients," he says. "Being on the receiving end of support for our departmental research is also incredible. Our donors not only help us complete important projects, but also boost our spirits. They let us know that they're behind us and want us to succeed."

Generosity from Henry Ford donors also played an integral role in the

To make a gift to the Henry Ford Cancer Institute or the Brigitte Harris Cancer Pavilion, please contact Jen Harmon at 313-876-9874 or jharmon1@hfhs.org.



this summer.

the building: windows.

our patients.

new day."

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development of the Brigitte Harris Cancer Pavilion, which will house the Radiation Oncology team-and much of the multi-disciplinary Henry Ford Cancer Institute—upon its grand opening

"The building itself is exhilarating, but I am particularly excited about what it represents," says Dr. Movsas. "It represents the dedicated teamwork and patientcentered approach that we stand for." There is one other thing that Dr. Movsas is looking forward to about

"Radiation oncology is moving out of the basement!" he says, with a big smile. That means more natural light for the Radiation Oncology team, and, equally importantly to Dr. Movsas, for

"Our patients will benefit from being able to feel sunlight as they come in for their radiation treatments," he says. "But it's more than that: The sunlight symbolizes hope. It represents the promise of a





The Brigitte Harris Cancer Pavilion in Detroit will house ambulatory cancer treatment, precision medicine, clinical trials and research and enhanced support services for cancer patients.

A New Home for Sports Medicine in Midtown

ith the recent grand opening of the William Clay Ford Center for Athletic Medicine and the adjoined Detroit Pistons Performance Center, Henry Ford's campus in Detroit's New Center neighborhood just got a little sportier.

The Pistons celebrated the grand opening of the Henry Ford Detroit Pistons Performance Center in October, while Henry Ford Health System's \$37 million sports medicine and rehabilitation center—in the same complex, connected by a glass walkway—has also just begun taking patients.

For patients, the new facility will provide a multi-disciplinary approach to sports medicine, using exciting technology that is typically only available to professional athletes: things like antigravity treadmills, light therapy lasers, and 3D movement analysis. There is also an MRI suite, digital X-ray suites and acupuncture and chiropractic care available on-site.

For Henry Ford Health System, the Center for Athletic Medicine will create a more expansive presence in the area of sports medicine in downtown Detroit. The existing William Clay Ford Center at 6525 Second Avenue has been renamed the Henry Ford Medical Center—Second, and will continue to provide general physical therapy services, while all other sports medicine services will be relocated to the new facility.

And for the burgeoning community of New Center, the complex is expected to act as an anchor, with publicly accessible retail and multi-use spaces on the ground floor, including a grocery store and a fitness club.

The 54,000 square foot facility features experts in orthopedics, cardiology, neurology, ophthalmology, integrated medicine, ear nose and throat, nutrition, primary care, physical therapy and athletic training.





hen you think of the ailments that regularly bring 17-year-olds to the hospital, you think of things that can be fixed with an x-ray, an Aircast, fluids, antibiotics. You think of asthma attacks and appendicitis and high fevers and head injuries.

But now, in the age of vaping and its viral popularity among young people, you should also consider this: irreparable lung damage.

On October 15, 2019, doctors from Henry Ford Health System performed the first double lung transplant on a 17-year-old patient whose lungs had been ravaged by e-cigarettes. Without the surgery, he would have died.

In an ongoing study, investigators with the Centers for Disease Control and Prevention have been gathering evidence to determine the cause behind a sharp uptick in cases of severe vaping-related illnesses that showed up in emergency rooms between June and September of 2019—the same time window in which Henry Ford's young patient fell seriously ill.

Aside from nicotine and THC, some vape cartridges contain vitamin E acetate, which the CDC suspects may have played a role in this recent uptick of severe lung problems attributed to vaping—though their research is not yet conclusive.

The CDC reports that as of November 12 in the United States, 39 people have died and more than 2,000 people have suffered lung injuries from vaping. In Michigan alone, the state's Department of Health and Human Services has 46 (26 confirmed and 20 probable) cases of severe lung disease associated with

A Frightening Epidemic

VAPING AND ITS EFFECT ON THE HEALTH OF OUR YOUTH

vaping, including one death—and the numbers are far likely greater.

Thankfully, Henry Ford is home to one of the leading lung transplant centers in the Midwest, and the 17-year-old patient was in good hands with his team of surgeons, led by Hassan Nemeh, M.D., Surgical Director of Thoracic Organ Transplant, who performed the transplant with Themistokles Chamogeorgakis, M.D. and Daizo Tanaka, M.D.

The patient, who before his illness was an otherwise healthy and active high school athlete, was released from Henry Ford Hospital on November 14 to continue his recovery at home. According to a statement shared by his parents, it will be a long road—his strength and mobility have been greatly impacted and while his doctors are confident he will be able to return to doing the things he loves, his life has changed forever.

"We were grateful to be able to offer assistance and plan to continue to support the family as he recovers over the next few months," said Lisa Allenspach, M.D., pulmonologist and the Medical Director of Henry Ford's Lung Transplant Program. "Vaping has become an epidemic among youth in the United States. A recent survey of over 10,000 U.S. high school and middle school students showed 28% of high school students and 11% of middle school students self-reported ongoing use of e-cigarettes, most frequently flavored varieties. We are just beginning to see the enormous health consequence jeopardizing the youth in our country." **HENRY FORD**

The Henry Ford Star, given quarterly, honors up to four residents and/or fellows who have gone above and beyond in one of the following areas:

- Consistently spreads the joy of medicine
- Provides/provided extraordinary patient care
- Outstanding humanitarian service
- Above and beyond in the support of peers/colleagues
- Behind the scenes superstar



"The Henry Ford Star Award celebrates people who are recognized by their colleagues and teaching faculty as truly special. Every winner contributes to our community in a variety of ways, and it's important to show appreciation for the clinical care that our residents and fellows provide each and every day."

LISA MACLEAN, M.D., DIRECTOR OF PHYSICIAN WELLNESS











1. Dr. Aharon Feldman Radiation Oncology Behind the scenes superstar

5

- 2. Dr. Marcus Jamil Urology Provides/Provided extraordinary patient care
- 3. Dr. Hafsa Abdulla Internal Medicine Behind the scenes superstar, Above and beyond in the support of peers/colleagues
- 4. Dr. Sophia Binz Emergency Medicine/Internal Medicine Above and beyond in the support of peers/ colleagues



- 5. Dr. Tiffany Prout Psychiatry Behind the scenes superstar, Above and beyond in the support of peers/colleagues
- 6. Dr. Raef Fadel Internal Medicine Behind the scenes superstar, Above and beyond in the support of peers/colleagues
- 7. Dr. Bianca Pittiglio Family Medicine Behind the scenes superstar

8. Dr. Allison Zarbo

Dermatology Behind the scenes superstar, Above and beyond in the support of peers/colleagues

Congratulations 2019 GAME ON CANCER NOST Valuable Physicians

These Henry Ford Cancer Institute physicians went above and beyond by fundraising to advance leading-edge research and alleviate barriers cancer patients face on their road to recovery.

2019 GAME ON CANCER Fundraising Total \$1,034,313





To make a gift to Game On Cancer, or for more information, please contact Christina Johnson at 313-876-9228 or Cjohns37@hfhs.org.

WE WILL MISS: 2019 Obituaries

JEROME E. FELSTEIN, M.D.

Jerome Edward Felstein, M.D., passed away on November 26, 2019 at the age of 79. Dr. Felstein graduated medical school from the University of Michigan and went into private practice as an obstetrician gynecologist, a strong advocate for women's health and bodily autonomy. He ultimately served in the Henry Ford Department of Gynecology, Obstetrics and Women's Health and particularly enjoyed training medical residents.

JAMES C.C. LEISEN, M.D.

James C.C. Leisen, M.D., age 77, passed away on December 3, 2019. Dr. Leisen served for 30 years in the Rheumatology Division at Henry Ford Hospital, spending half of that time as division head. Since 2011, Dr. Leisen had been working at Blue Cross Blue Shield as a medical consultant. He was known for his humility, diligence and dependability by his colleagues, friends and family members.

EDWARD LANGDON, M.D.

Edward Langdon, M.D., age 97, passed away on May 27, 2019 in Omaha, NE. A proud resident of Henry Ford Hospital and a consultant in Internal Medicine, he spoke of his years at Henry Ford with nostalgia and admiration. Dr. Langdon is survived by his wife, Clo Ann, children and many grandchildren.

GARY TRICK, PH.D.

Gary Trick, Ph.D., passed on June 8, 2019 at the age of 69 following a long illness. A recognized authority on Neuroophthalmology and Electrophysiology, Gary was the Vice Chairman of Research at Henry Ford Hospital. A lifelong scholar propelled by an insatiable curiosity, he published hundreds of articles, oversaw dozens of clinical trials, was the first Diplomat in Visual Electrodiagnostics, as well as co-inventor of the DTL electrode. He was a dedicated educator who had a monumental impact on many students, as well as faculty and other staff members, throughout his career and for years after his official retirement in 2015.

MARGARET DOUGLASS, M.D.

Margaret Douglass, M.D., age 74, passed away unexpectedly at her home on May 29, 2019. Dr. Douglass was the longest serving senior staff member in the Henry Ford Department of Dermatology, respected and admired by all. She was one of a handful of women to receive her medical degree from the University of Wisconsin in 1970, an accomplishment that was followed by her dermatology training at the University of Chicago. Dr. Douglass mentored scores of young dermatologists and was a role model for many young women entering the field of dermatology.

ETHAN NYDORF, M.D.

Ethan Nydorf, M.D., unexpectedly passed away on May 30, 2019 at the age of 67. He graduated from SUNY Binghampton as Valedictorian in 1974, completed medical school at NYU in 1978 and a Dermatology residency at Yale in 1983 where he remained as faculty. Dr. Nydorf joined the Henry Ford Department of Dermatology in 1995 and a generation of residents benefitted from his outstanding teaching and seeing the compassionate care he rendered.

SOPHIA SYED, D.O.

Sophia Syed, D.O., passed away on May 16, 2019 following her struggle with cancer. She had a long association with Henry Ford, beginning as a student followed by a residency in Family Medicine. Following this, Dr. Syed joined Henry Ford Medical Group and provided services at CHASS for many years. She then moved to Henry Ford East Jefferson for a short time before she got diagnosed with advanced cancer. Dr. Syed's family appreciates the care she received by everyone at Henry Ford.



THINGS OF NOTE

SAVE THE DATE Alumni Jubilee October 8-10, 2020

Put it on your calendars now to attend the Henry Ford Medical Group Alumni Association Celebration and Awards Presentation at the MGM Grand in downtown Detroit.

Don't forget to register at Doximity https://www.doximity.com



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RESEARCH PROGRAM

Join us!

All of Us is a new research program from the National Institutes of Health (NIH). The goal is to advance precision medicine.

Henry Ford Health System is one of several prestigious health care organizations across the country supporting the All of Us Research Program, which is run by the National Institutes of Health (NIH).

We are calling on volunteers like you to help us make history and change the future of health. The health data you share will be added to the All of Us Research Program database so researchers can access this data to conduct studies.

For program information, visit: henryford.com/visitors/henry-ford-all-of-us



SHARE WITH YOUR PATIENTS: www.henryford.com/visitors/minds-of-medicine



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OF LASTING INTEREST

