

University of Illinois Hospital & Clinics

ROUNDUP

October 2019



**Solid Organ
Transplant
Success:**
Larger
Volumes,
Better
Outcomes,
More Lives
Saved

Transplant Success: Larger Volumes, Better Outcomes, More Lives Saved

Over the past few years, the Transplant Program at UI Health has established itself as one of Chicago's premier destinations for safe, successful solid organ transplantation.

In one week this spring, the Division of Transplantation performed eight kidney transplants. An unusually high number on its own, perhaps, but made even more extraordinary when you consider the eight transplants were the result of two four-way kidney swaps — the first ever at UI Health.

Also called paired kidney exchange, **kidney swap is a transplantation option for patients with a living donor who is not compatible for transplant.** The donor may be a blood relative or friend who wants to donate, but they do not match the recipient. Transplant is still possible through a kidney swap, which connects pairs of compatible recipients and donors. Paired kidney exchange can be between two pairs of people — or more, like the four-way swaps that happened earlier this year. On April 29, two women and two men received kidneys from two men and two women. On May 3, three men and one woman received kidneys from two men and two women. The transplants were successful, and all 16 patients — eight recipients and eight donors — recovered without complications.

“One of the benefits of kidney swaps is that often recipients end up with organs that are better matched in terms of age and gender,” said Dr. Ivo Tzvetanov, chief of the Division of Transplantation. “In this case, we had some better age matches for recipients due to the swap.”

“We had never before done a four-way kidney swap at UI Health, and to do two so close together is quite remarkable,” added Dr. Enrico Benedetti, head of the Department of Surgery.

The landmark transplants are just a few of the highlights in what has been a noteworthy period for the division: Transplant volumes are up; transplant outcomes are extremely successful; and a focus on unique transplant procedures is helping to provide more transplants to more patients.

Chicago's Kidney Transplant Leader

Through the early fall, **UI Health has performed more kidney transplantations (161) in calendar year 2019 than any other institution in Chicago.** We also have performed the most combined kidney/pancreas transplants (14) in Chicago this year. These numbers can be attributed to our emphasis on living donor transplants — like kidney swaps — and our commitment to using robotic surgical techniques.

Arlys Martinez, of Plainfield, was a recipient of a combined kidney/pancreas transplant in March 2018. Martinez suffered from type 1 diabetes, and her diabetes eventually led to kidney failure, which required that she go on dialysis. Due to her restricted ability to exercise and the water retention caused by the dialysis, **she was considered too overweight to undergo a pancreas transplant at other hospitals. But because UI Health could perform the procedure with minimally invasive robotic surgical techniques,** she was able



Combined kidney/pancreas transplant recipient Arlys Martinez with transplant surgeon Dr. Mario Spaggiari, left, and Dr. Enrico Benedetti, head of the Department of Surgery.

to receive the combined transplant here — and stop insulin treatments for her diabetes.

“We have shown that by using robotic surgical techniques, this population can be safely transplanted, meaning that those who would have previously been denied can have access to this procedure that can vastly improve quality of life.” said Dr. Mario Spaggiari, a transplant surgeon who published a paper on robotic pancreas transplant in obese patients.

Increased Volumes, Improved Outcomes, More Lives Saved

Since the national demand for organs far exceeds the supply, living liver donation offers a unique life-saving opportunity for our patients. In July, UI Health was designated a **Blue Distinction Center+ for Living Donor Liver Transplantation** by BlueCross BlueShield, a quality-care designation that signifies our program met stringent, nationally established quality and safety guidelines. **We are the only liver transplant program in the state to receive this distinction.** Our highly personalized patient care, extensive outreach, and meticulous post-transplant follow-up have been key factors to the sustained success and growth of our Liver Transplant Program. Deceased-donor liver transplants increased more than a third in fiscal year 2019 (55 transplants vs. 41 in FY18). In fact, the Liver Transplant Program has quadrupled its transplant volume in the past three years!

The Kidney Transplant Program saw a significant increase in volumes in FY19 compared to FY18. Kidney transplants grew more than 50% (201 transplants vs. 131), and kidney/pancreas transplants also nearly doubled from FY18 to FY19 (11 to 19). Living-donor transplants grew for both the Liver and Kidney program, too — liver up 100%, and kidney up more than 40%.

The Scientific Registry of Transplant Recipients assesses transplant outcomes over a 2.5-year period. **For all solid-organ**

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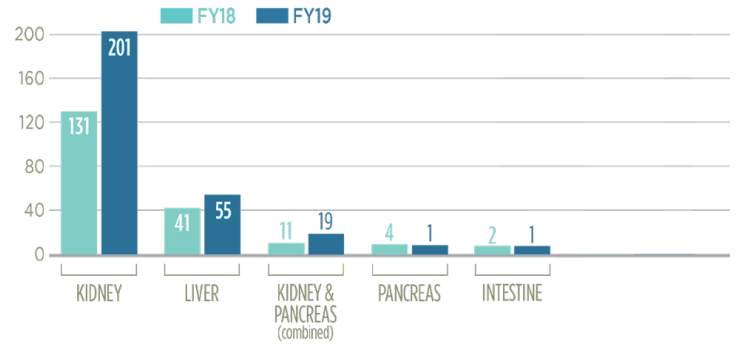
Transplant Success (continued)

transplants at UI Health between Jan. 1, 2016, and June 30, 2018 — from both living and cadaver donors — more than 95% of recipients were alive with a functioning organ at 1 year post-transplant.

Most patients waiting for a deceased donor kidney transplant wait on the United Network for Organ Sharing (UNOS) kidney transplant waiting list for an average of 5–7 years. In calendar year 2018, more than half (155) the people removed (265) from the organ waiting list received a transplant. **Our transplant rates also outpaced the national average** between January 2017 and December 2018: UI Health transplanted 24.2 people per 100 years of waiting, compared to 20.1 individuals nationally. Our waitlist team has been the driving force in ensuring that our patients are fully ready to safely undergo kidney transplantation. Our current waiting list volumes are in step with our peer institutions, a sign of our reputation as a destination for expert transplant care.

These achievements would not have been possible without the combined efforts of the Departments of Medicine and Surgery. We would like to recognize the nephrologists, hepatologists, gastroenterologists, and transplant

Record-breaking Numbers: Kidney & Liver Transplants



coordinators who help prepare patients for transplant, and our surgeons who perform these life-saving procedures. Transplantation is a journey — and it would not be possible without this committed collaboration.

All of us at UI Health should be proud. Through these efforts, we have been able to provide more transplants to more patients to save more lives. And we look forward to saving more. ●

STROKE, HEART FAILURE PROGRAMS ACHIEVE ‘GET WITH THE GUIDELINES’ DESIGNATIONS, RECEIVE AWARD CERTIFICATES

Last month, the American Heart Association/American Stroke Association (AHA/ASA) presented UI Health with two prestigious awards: the *Get With the Guidelines® - Stroke Gold Plus Quality Achievement Award with Target: Stroke Honor Roll Elite Plus* and the *Get With the Guidelines® - Heart Failure Gold Plus Quality Achievement Award with Target: Heart Failure Honor Roll*. These awards recognize UI Health's commitment to ensuring stroke and heart failure patients receive the most appropriate treatment according to nationally recognized, research-based guidelines based on the latest scientific evidence.

This is the third consecutive year UI Health has received the top stroke award and second consecutive year to achieve the heart failure designation; the Heart Failure program earned the Silver Quality Achievement Award received in 2017.

Thank you to all who made these achievements possible! ●



Contributors to UI Health's heart programs gather around the *Get With the Guidelines® - Heart Failure Gold Plus Quality Achievement Award with Target: Heart Failure Honor Roll* certificate at the award event.



Contributors to UI Health's stroke programs gather at the award event to display the *Get With the Guidelines® - Stroke Gold Plus Quality Achievement Award with Target: Stroke Honor Roll Elite Plus*.

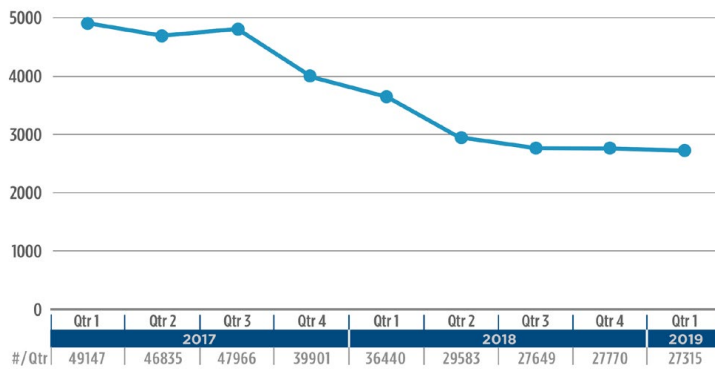
OPIOID IMPROVEMENT PROGRAM

UI Health Medication Safety Team Receives Best Practice Award from Illinois Council of Health-System Pharmacists.

Each year, the Illinois Council for Health System Pharmacists (ICHSP) solicits applications for an Annual Best Practice Award. This year, the award went to three UI Health pharmacists, Adam Bursua, Connie Larson, and Jane McCullough, in recognition of their leadership of improvement efforts in the opioid medication use process. In their award application, the team described the Zero Harm Initiative work of the Medication System Review Committee (MSRC), which has contributed to significant reductions in both opioid use and opioid related adverse drug events.

To provide evidence to support the effectiveness of their efforts, the team submitted opioid administration and adverse event data they have been systematically collecting and analyzing since January 2017.

Inpatient Opioid Doses Dispensed



Since that time, opioid administrations have been halved. Naloxone administrations, which serve as a marker of serious harm from opioids, have fallen in suit. Furthermore, the team provided evidence that in addition to preventing harm through reductions in opioid use, additional improvements in monitoring and prescribing have independently served as synergistic mechanisms for harm reduction.

Naloxone Use



The efforts began in late 2016, when an opioid safety “public service announcement” was produced and shared with all UI Health staff to highlight the important roles we all have in ensuring opioid safety. In the months and years that followed, system-focused interventions to support these roles were designed and implemented, and significant improvements were revealed in the data that followed.

The team of pharmacists is grateful for the acknowledgement of their leadership of this work, and they wish to share the recognition with all who have contributed to opioid improvement efforts at UI Health. ●



A Silver Lining Foundation 15th Annual Gala

Nearly 30 individuals representing UI Health attended the 15th annual A Silver Lining Foundation (ASLF) Gala held on Oct. 5. **The shared mission of the organizations is to improve access to the highest quality of care for those most in need. This includes screening mammograms as well as providing a comprehensive diagnosis, education, and follow up diagnostic testing** to uninsured and underinsured individuals.

UI Health has been a longtime partner of A Silver Lining Foundation, which has assisted over 2,400 patients with breast cancer screenings and education at UI Health since 2006. **This represents over \$700,000 in support of direct patient care through ASLF!**

In an effort to meet the needs of our community and our patients, the Center for Breast Care has recently made improvements to increase capacity and access for diagnostic exams and expand the Mammography Services Program. This expansion includes the addition of two new radiologists, another breast sonographer, a mammography technologist, and acquiring and testing new equipment and IS solutions.

Thank you to Chairman and Founder Dr. Sandy Goldberg and all of A Silver Lining Foundation for their continued partnership. ●



BE PREPARED: Epic Training Is Around the Corner

We've come a long way since we started our Epic implementation last fall. After initial planning, analysis, and contracting, we've spent 2019 conducting workflow walkthroughs and readiness sessions, system builds, and content reviews. Recently, we've undergone testing to run through scenarios simulating the most common patient care activities in our build to make sure things are working as we envision.

We also have and begun deploying new devices across the Hospital & Clinics. Among the upgrades are standardized workstations with tap-and-go functionality; ID badge sign-in/sign-out; e-signature pads for forms and consents; e-prescription software; and the new MyChart patient portal. These enhancements will improve the efficiencies of delivering care, which will provide a better experience for our staff using these devices and improve the patient experience. We all should be proud of this tremendous progress and excited about what care delivery will be like with Epic.

Now comes one of the most important parts of our Epic implementation: training! **Training registration opens November 11, and training sessions begin March 16.** Different types of providers and staff will require different types of training. Clinicians will need to accomplish a minimum of 1-3 hours of eLearning education during the November to March timeframe. From early March through early May, they will then be required to accomplish a minimum of 8 to 16 Hours of Classroom Training. There will also be post-training activities in April and May.

We need to train nearly **6,000 people** to use the new Epic system. We are pulling large amounts of faculty and staff off clinical duties to be full-time support — and the organization cannot function without all hands on deck. We will need everyone's help and full engagement throughout training.

To preserve access to vacation time off (VTO) while balancing business and operational needs, UI Health is putting in place a multifaceted approach to how VTO will be managed. **There will be VTO limitations throughout our training period in 2020.**

Our transition to Epic is in our patients' best interests — and our own! **We are committed to ensuring all practitioners and staff are trained and ready to serve our patients and their families when Epic goes live on May 9.** And we are committed to having special levels of support during the first three weeks of the Epic Go-Live in May. This special level of support is vital to reinforcing the learning that happens when all of us first use a new system and process in production with our patients. **Thank you all for what you have done to support and guide our Epic implementation.**



A handwritten signature in black ink.

Michael B. Zenn
Chief Executive Officer

New Simulation Centers

UI Health Opens Three New Healthcare Simulation Centers

This fall, UI Health celebrates the opening of three healthcare simulation centers — The Simulation and Integrative Learning Institute, The M. Christine Schwartz Experiential Learning and Simulation Laboratory, and The Herbert and Carol Retzky Simulation Center.

The facilities, which are run individually by UIC's College of Medicine, College of Nursing, and College of Pharmacy, use specially trained actors, advanced and computerized mannequins of all ages, and simulated environments to help students and healthcare professionals practice clinical skills, communication and decision-making skills, and get hands-on training in medical diagnosis, treatment, and care.

Together, these spaces will facilitate more than 50,000 hours of hands-on learning for nearly 20,000 learners working or pursuing careers in the health sciences. ●



Train for Your Mission

As we approach May 2020, UI Health will train and prepare for a new transformation to our shared mission: provide quality healthcare to the community. Epic training is on the horizon and we will participate in our organizational endeavor to learn new skills and adapt to an exciting new way to work. The 3i Project Training Team has designed time saving e-learnings, engaging classroom training, and supportive resources and events to prepare you for success.

Training Registration: Epic Training registration opens on Nov. 11 for managers to prepare staff scheduling with training sessions. Epic e-learnings will also be available on this date.

Epic Training Course Catalog: Every mission has a guide and the 3i Project Training team will be publishing a course catalog in October containing a roadmap regarding specific role based and departmental training needs.

Manager Training Registration Engagement Fair: Save the date as managers will have the opportunity to receive a training overview, ask specific questions, and receive hands on assistance regarding Epic training registration.

Please plan on attending our manager focused session on Nov. 18.

A successful mission starts with the right preparation. An Epic training investment ensures that our people and organization are able to work better, faster, easier, and with higher quality for the safe care and benefit of our patients. Start training preparations today and visit our 3i Project Training Page to review the training plan, timeline, and answers to our most frequently asked questions. ●

11th Annual First Ladies Walk and Run

On Sept. 7, UI Health participated in the 11th Annual First Ladies Walk and Run, hosted by 60 First Ladies who collectively represent congregations of more than 40,000 people in the city and suburbs.

The First Ladies Health Initiative is a national effort involving healthcare providers and volunteers who work together to address serious illnesses pummeling underserved and minority communities. Their goal is to empower communities of color to proactively take control of their health and wellness.

A health fair with 38 healthcare companies providing free health screenings, fitness demos, and health education information followed the walk/run. **Over 100 volunteers representing UI Health, the College of Medicine, College of Nursing, College of Dentistry, UIC CHAMPIONS NetWORK, All of Us Precision Medicine, and Community Outreach Intervention Projects (COIP) attended the event,** providing bystander CPR training, HIV and hepatitis C testing, clinic information, and giveaways.

Thank you to all who participated in this special event! ●



MISSION ACCOMPLISHED: A SUCCESSFUL FLU SHOT DAY!

This year, we called for a moonshot.

We asked not what UI Health could do for you — help you protect our patients, your family and friends, and yourself from the flu — but what you could do for UI Health: Challenge our immunization teams to administer 4,000+ flu vaccinations in a 12-hour period to demonstrate our ability to mass inoculate in case of an emergency in Chicago.

You answered the call!

From 6:30 am to 7 pm our teams administered 4,163 flu vaccines to UI Health providers and staff. Your commitment to the mission helped our immunization teams show they are equipped to handle the most critical challenges during a public-health crisis.

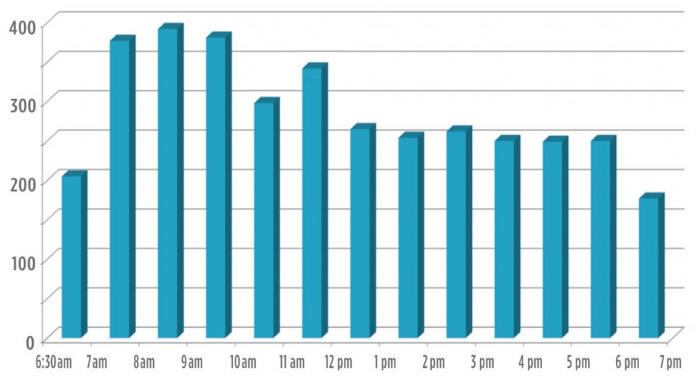
Thank you!

Further, UI Health is well on its way to meeting its Flu Vaccination Policy compliance by the Nov. 30 deadline. We all should be proud.

The success of Flu Shot Day was months in the making. Thank you to the many departments that helped launch this campaign and served as “ground control” throughout the mission.

We did it. We are UI Health!

Flu Vaccines Administered by the Hour



4,163 Staff & Employees
FY2019 Vaccinated in One
12-Hour Period

This year, we administered a record number of flu vaccines in one day! Our 2019 Flu Shot Day numbers are up 344 from 2018. Thanks to all who made this possible!

It Takes a Village! This year’s helpers included:

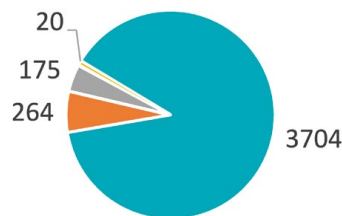
- 64 nursing students, 36 volunteers, 3 college of nursing faculty, 2 APRNs, 8 UI Health nurses, 3 Emergency Management committee members, Human Resources employees, 3 physicians, and 8 University Health Service support staff
- Pharmacy, Materials Management, and Environmental Services stored and delivered supplies
- Administration and Marketing supported and pushed the 4K message

This year, we implemented a targeted communication plan, which included hand-delivering flu campaign materials to various departments throughout the hospital & clinics.

We are 54% of our way to the 6,018 employees and volunteers needing vaccination by 11/30/2019!

If you have not received the flu shot, please visit the intranet for additional dates and locations. ●

Vaccinations by Location



- Main Location: Conference Rooms 1130-1135
- Offsite: Call Ctr, MSHC, Pt Accounts, University Village
- Vaccination Carts
- Documentation from Elsewhere

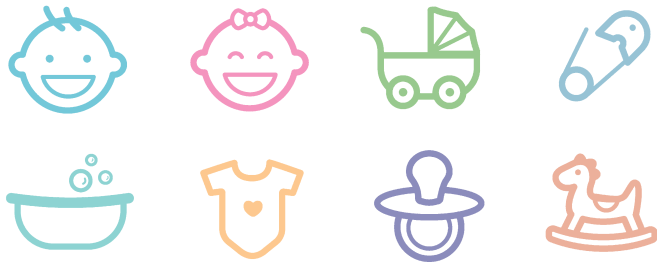
UI Health Offers Baby Gift to New Parents

Are you expecting a new addition to your family? Your UI Health family would like to send you a gift to celebrate this exciting time! To register for your gift, fill out the Baby Gift form found on BabyGift.UIHealth.Care.

We look forward to welcoming your new bundle of joy!

For more information, visit NewParent.UIHealth.Care or email recognition@uic.edu.

**This gift is for UI Health employees only. Gifts will be sent once the new parent notifies the leave of absence office of the arrival of your new addition.*



Are you – or someone you know – a UI Health employee and expecting a baby? Fill out the Baby Gift form at: BabyGift.UIHealth.Care



UPCOMING EVENTS & DEADLINES



VTE Symposium

Tuesday, Oct. 15

Noon -1 pm

Conference Rooms 1130 & 1135

Lunch will be provided!

This session is eligible for 0.75 hours of continuing nursing education hours. For more information, please visit the intranet.



Pediatrics Halloween Parade

Thursday, Oct. 31

6:30 am to 7 pm

Parade will start promptly at Noon
5-West

RSVP to Dana Thornquist at
danatho@UIC.EDU or 312.413.0662



9th Annual Quality & Safety Fair

Tuesday, Oct. 29

7:30 am to 3:30 pm

Conference Rooms 1130 & 1135

For more information, please visit the intranet.



LDI

Thursday, Nov. 7

8 am to 12 pm

12 - 4 pm for optional team huddles