

UNIFY

FOR SOMETHING
GREATER



UNIVANTS™
OF HEALTHCARE EXCELLENCE



CELEBRATING
THE 2022
WINNERS

UNIFY FOR HEALTHCARE EXCELLENCE



Achieving healthcare excellence is a journey, not a destination. It is a quest to do more and become better, to improve and prolong the health of our families, communities and world.

As I reflect upon my five-year journey with the UNIVANTS of Healthcare Excellence award program, I am filled with tremendous pride. It has been a privilege partnering

with world-renowned organizations, federations and societies, as we collectively aim to inspire, cultivate and amplify best practices of measurably better healthcare performance across the globe.

To date, we have recognized more than 64 integrated clinical care teams who have embodied the UNIVANTS principles of UNITY and AVANTE-GARDE thinking to achieve extraordinary outcomes for patients, payers, clinicians and health systems. We have witnessed the power of laboratory medicine to fuel and facilitate best practices through unique and actionable insights.

Today, 11 of the 64 best practices are celebrated as new global winners of the prestigious UNIVANTS of Healthcare Excellence award program. Each year, dozens of judges

across disciplines and geographies, independently review and rigorously assess submitted applications from all regions of the world. Teams with measurable and transformative outcomes have the potential to be recognized. This year, we honor three elite top winners as well as three teams with distinction, and five teams with honors of achievement.

On the following pages, you will have the chance to review the impressive journeys of the top three winning teams, including several of their exceptional outcomes and impact. It is our hope that these new best practices serve as a foundation and inspiration for more health-centered journeys via roads less traveled.

As health leaders, we have unlimited opportunities to drive health transformations. By working together, embracing change and maximizing technologies, disciplines and people, we can make a difference. We can fuel transformational change, empower teams, enhance experiences and elevate population health.

Every journey, no matter how far, begins with a single step and inspiration begins with a single thought. Unify for Something Greater. Together.

Tricia Ravalico

Global Director, Scientific Leadership and Education
Abbott, Core Diagnostics

WHAT IS UNIVANTS?

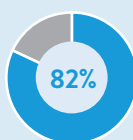
THE UNIVANTS OF HEALTHCARE EXCELLENCE PROGRAM is a prestigious global award program created by Abbott in partnership with leading healthcare organizations across the globe with a common vision to inspire and celebrate healthcare excellence. The three tiers of awards (global, distinction and achievement) recognize teams who collaborate across disciplines and transform healthcare delivery and ultimately lives.

Learn more at www.UnivantsHCE.com

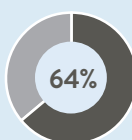
RECOGNIZING MEASURABLY GREATER PERFORMANCE

TOP KEY PERFORMANCE INDICATORS ACROSS THE RECOGNIZED BEST PRACTICES IN 2022

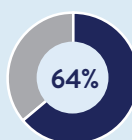
This year's award applicants demonstrated ideation, teamwork and execution that translated to improvements in key performance indicators for the full spectrum of healthcare stakeholders – patients, health systems, clinicians and payers.



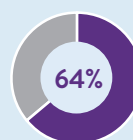
PATIENT
Enhanced Experience



HEALTH SYSTEM
Enhanced Resource Utilization



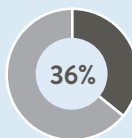
CLINICIAN
Improved Satisfaction



PAYER
Mitigated Costs



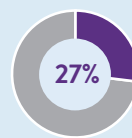
PATIENT
Enhanced Safety



HEALTH SYSTEM
Enhanced Reputation



CLINICIAN
Enhanced Confidence



PAYER
Mitigated Risks



Left to right:
Rachel Allen,
Dr. Ruth Deroy,
Professor Gerry
Rayman,
Emma Page,
Alison Czarnota

2022 GLOBAL WINNER: IPSWICH HOSPITAL, EAST SUFFOLK AND NORTH ESSEX NHS FOUNDATION TRUST | UK

The IP3D Project: Transforming Perioperative Care in the United Kingdom for Individuals with Diabetes

DIABETES IS A GROWING HEALTH CONCERN, affecting more than 400 million people globally. The provision of care to patients with diabetes is complex, which is especially true of those undergoing surgery. Perioperative pathways are essential for adequately preparing patients for elective surgery. Variation, however, exists in the information that people receive during presurgical assessments which can directly impact their glycemic status and post-surgical outcomes. Those with poor glycemic control before surgery are more likely to remain dysglycemic during and after surgery, which is a risk factor for infections, poor wound healing and increased length of hospital stay.

In the UK, more than 15% of patients undergoing surgery are known to have diabetes. Thus, improving the perioperative pathway for people with diabetes can substantially improve care and outcomes. To address known gaps in care, an integrated clinical care team, led by Professor Gerry Rayman, head of the diabetes team at Ipswich Hospital, and program manager Emma Page, created and implemented the “Improving the Perioperative Pathway of People with Diabetes” (IP3D) initiative, which involved an innovative approach that revolutionizes care for patients with diabetes.

Critical to implementing the IP3D initiative was the recognition that continuity of diabetes management across the different specialties in the perioperative pathway was crucial to ensure consistent management of patients. Thus, a diabetes-surgery working group was established to provide a platform for collective expertise and knowledge-sharing. This joint effort fostered an environment conducive to addressing complex needs and ensuring comprehensive, patient-centered care.

Recruitment of a Perioperative Diabetes Specialist Nurse (DSN) was pivotal to the success of the initiative, a key insight

drawn from the working group. This DSN was dedicated to coordinating diabetes care throughout the perioperative process, including specialized guidance for ensuring seamless collaboration between the surgical team and diabetes specialists. Integrating this expert role enabled a tailored approach to diabetes management, optimizing patient outcomes and reducing complications.

At the heart of the IP3D pathway was the implementation of a handheld diabetes perioperative passport. This innovative tool serves as an educational resource for patients, empowering them with knowledge about their condition(s), including their HbA1c status, while also guiding them through their perioperative needs. By providing patients with clear expectations and information about necessary care, the passport enabled them to participate actively in their healthcare journey, resulting in higher patient satisfaction and favorable outcomes.

The IP3D project has not only enhanced the patient experience but has enabled substantial improvements in effective glycemic control, both pre- and post-operatively. This has resulted in a 12% reduction in post-operative complications such

as poor wound healing and infections. Consequently, patients who underwent the IP3D pathway spent on average 1.5 days less in hospital than their counterparts. This remarkable change in patient care and outcomes corresponds with an impressive increase in staff knowledge and confidence associated with the management of patients with diabetes in the surgical setting.

Since implementation, the IP3D pathway has been successfully implemented in 10 additional hospitals, with nationwide NHS funding for implementation across the UK. In recognition of their achievements, the IP3D team has been recognized as a Global Top Winner of the prestigious 2022 UNIVANTS of Healthcare Excellence awards.

UNIVANTS IN ACTION

12% reduction of in-hospital complications

1.5-day reduction in length of stay for surgical patients with diabetes

£157,000 (\$195,000) per year in mitigated healthcare costs associated with reduced length of stay

“A very worthy integrated clinical care initiative that was focused on an innovative approach to process improvement driven by necessity.” —IHE

Left to right:
 • David Weiss,
 Dr. Jim Weisberger,
 Dr. Christina Mack,
 Dr. Yonatan Grad,
 Dr. David Ho



2022 UNIVANTS GLOBAL WINNER: THE “BUBBLE” | NATIONAL BASKETBALL ASSOCIATION | USA

Revolutionizing Health and Safety in Sports: The NBA Bubble’s Unprecedented Achievement

A **MIDST THE COVID-19 CRISIS**, the National Basketball Association embarked on a bold endeavor dubbed the “NBA Bubble,” a closed-campus occupational health program. Its purpose was to ensure the smooth operation of the world’s premier professional basketball league during a global pandemic, offering a semblance of normalcy to a world gripped by lockdowns and social distancing measures. The remarkable triumph of the Bubble in safeguarding the health and well-being of its players, staff and the wider community is a testament to its groundbreaking approach and unwavering dedication to safety.

Operational between July and October 2020, the Bubble emerged as an innovative and health-centric response to the unprecedented challenges brought forth by the COVID-19 pandemic. The multidisciplinary team behind the initiative aimed to create a safe environment for players and staff while ensuring the league could resume play and crown a champion.

Much of their success is attributed to the careful and thorough approach to implementing preventive measures from the outset, according to Christina Mack, Chief Scientific Officer at IQVIA, who was a key advisor to the NBA. “Every possible measure was taken to ensure safety and proper execution,” Dr. Mack said. By implementing comprehensive testing strategies, data-driven real-time decision-making, and stringent safety protocols, the NBA effectively navigated through uncharted territory, setting a new standard for safety in the sporting world while contributing to the broader understanding of the transmission and trajectory of SARS-CoV-2.

“We built a robust data infrastructure and epidemiologic operation, inclusive of daily test results, genomic sequencing, app-based symptom and temperature reporting, and wearable

device data for contact tracing,” said Caroline Tai, Director of Global Epidemiology at IQVIA. “This allowed us to monitor the population, learn more about COVID-19 early in the pandemic, evolve protocols based on learnings, and keep the population safe.”

Collaboration played a pivotal role in the Bubble’s success, with player safety always the central focus. “The players and their union were complete partners in this,” said David Weiss, Senior Vice President, Player Matters at the NBA. “We spoke with the players and their medical advisors daily to uphold full transparency about our work and ensure they were comfortable with everything we were doing.”

The NBA’s efforts yielded impressive results, achieving several remarkable outcomes, of note, having zero COVID-19 cases among players and team staff living in the Bubble.

The NBA also worked closely with local health authorities, ensuring a unified approach to safety, particularly for select support staff and vendors living off-campus and commuting in, and parallel efforts aimed at public health in the Orlando community. The scientific learnings from this large occupational health effort, which continued over the two NBA seasons following the Bubble, were extensive, and were shared with public health agencies as well as published in eight high-impact, peer-reviewed journals, helping to guide public health and crisis management policies in the U.S. and around the globe.

The pioneering achievements of the Bubble in prioritizing health and safety have left an indelible mark on the sports and healthcare worlds. By implementing a comprehensive and science-driven approach, the NBA not only protected the well-being of its players and staff, but also restarted a global sports league during a pandemic, stimulated the economy and showcased the transformative potential of unified science-based action in the face of adversity.

UNIVANTS IN ACTION

0 new cases of COVID-19 detected

among NBA players and team staff during the NBA Bubble

>6,500 jobs created

with a local economic impact exceeding \$200 million

“This is an exceptional best practice that contributed to public health knowledge and addressed the social well-being of the immediate community and the broader public. Well done!” —HIMSS



Left to right:
Yit Lee Choo,
Professor Yin Ling
Woo, Professor Adeeba
Kamarulzaman,
Professor Marion Saville
Mun Li Yam

2022 UNIVANTS GLOBAL WINNER: PROGRAM ROSE | ROSE FOUNDATION | MALAYSIA

Program ROSE: Empowering, Educating and Engaging Women to Eliminate Cervical Cancer in Malaysia

CERVICAL CANCER IS THE FOURTH MOST COMMON CANCER in women globally. Fortunately, it is curable, if diagnosed early and quickly treated. Critical to this is comprehensive screening. The standard screening method for cervical cancer is the Pap smear, however, other options exist, such as HPV (Human Papillomavirus) screening, as high-risk HPV types are the cause of 99% of cervical cancer cases. Use of HPV testing is especially useful in areas with low Pap smear cadence adherence and/or high rates of cervical cancer.

In Malaysia, cervical cancer is the third most common cancer in women, compounded with only 25% of eligible women in the country regularly having Pap smears and prolonged pap smear follow-up and link to care. Gynecological oncologist and professor Yin Ling Woo of University Malaya Medical Center knew these factors were directly related to the high percentage of advanced-stage cervical cancer cases she was seeing in her practice.

HPV screening, therefore, opened the doors to a new era of cervical cancer screening for women in Malaysia, empowering them with a high-precision alternative to Pap. Professor Woo knew the transition to this method in Malaysia would lead to a major shift in current practices, improving diagnostic accuracy, while allowing for greater patient privacy and significantly less frequent testing over a Malaysian woman's lifetime. This was the genesis of a pilot HPV testing program that expanded into Program ROSE, an acronym for Removing Obstacles to cervical ScErEening, in 2018.

Program ROSE is a primary HPV cervical screening program incorporating self-sampling and digital technology. The initiative offers women in Malaysia the choice of using a self-swab to enable rigorous results while advancing privacy and dignity in a cultural setting where that is highly prioritized. The self-sampling method

empowers more women to willingly participate in screening in a timely manner, ultimately leading to a crucial reduction in cervical cancer.

To improve the testing and follow-up process, Program ROSE integrated mobile devices for a secure digital e-health platform for registration and data collection. This allows for a reduction in paperwork and screening time, helping to facilitate easier adoption of the program by healthcare professionals and patients throughout the country. More importantly, the portal facilitates communication and linkage to care, smoothly navigating women through an otherwise complex healthcare system.

Program ROSE's mission extends beyond expanding access to screening. A strong emphasis is placed on education, engagement and informed decision-making for under-screened Malaysian women, particularly at the point of care. Through partnerships with local leaders, NGOs, and parliamentarians, the Program ROSE team also identifies underserved communities and establishes a network of local clinicians prior to screening. This collaborative and comprehensive approach addresses the

multi-faceted barriers to screening in Malaysia, including healthcare policy and infrastructure readiness, and ensures appropriate follow-up and necessary interventions for every individual screened.

From inception through early 2023, Program ROSE screened more than 22,000 women with a greater than 90% linkage-to-care rate for those who screen positive for HPV, including nearly 200 women with early cancer and precancer identified and treated.

"For women in Malaysia, it really is a paradigm shift in healthcare," Professor Woo said.

Program ROSE has made remarkable progress in enhancing healthcare access and outcomes for cervical cancer screenings for women in Malaysia. The initiative has ultimately improved the lives of countless women, increasing diagnosis and awareness, while reducing stigma.

UNIVANTS IN ACTION

21,393 women screened using self-sampling HPV testing

194 women newly diagnosed with precancers identified and linked to care

92.5% of HPV-positive women were linked to care

“This initiative uses scalable, high-impact health technology and laboratory intelligence to reduce health inequity for vulnerable women. This type of work should be scaled and expanded. —HIMSS

CONGRATULATIONS TO THE ADDITIONAL 2022 WINNERS

3 WINNERS OF DISTINCTION

Early Diagnosis of Maternal Cytomegalovirus for Improved Management and Reduced Risk of Fetal Transmission and Complications

NATIONAL REFERENCE CENTER FOR HERPESVIRUS, UNIVERSITY HOSPITAL CENTER | FRANCE

23% REDUCTION

in **CMV transmission** from diagnosed CMV-positive pregnant mothers to their babies. This includes full mitigation of 11 congenital transmissions.

“This best practice meets the mission of UNIVANTS, which is to unify cross teams to achieve measurable, better care and inspire more health systems to replicate this best practice. Well done! – MODERN HEALTHCARE

Getting to Zero Harm in Controlled Substance Prescribing: Increasing the Accuracy of Prescription Compliance Monitoring Through Enhanced Drug Testing Support

UNIVERSITY HOSPITALS CLEVELAND | USA

3-fold INCREASE in the number of patients receiving comprehensive and appropriate controlled substance testing and prescription monitoring

“This is a good example of lab and clinical team collaboration to implement a simple strategy with a big clinical impact. This is an excellent example of what the UNIVANTS award was created to recognize. – AACC

Enhanced Resource Utilization, Reduced Waste, and Expedited Transplantation Through Real-Time Donor Screening for Infectious Disease

MID-AMERICA TRANSPLANT, ST. LOUIS, MO. | USA

\$105,187 MITIGATED across 18 months from the elimination of unnecessary tissue recovery

“This is a very interesting, innovative and unique initiative. Due to the high level of innovation, diagnoses are faster, thus improving patient experiences and that of clinicians who can now better manage the demand for care. – EHMA

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Learn more at UnivantsHCE.com

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5 WINNERS OF ACHIEVEMENT

Enhanced Staff Satisfaction and Resource Utilization During the COVID-19 Pandemic

ASSOCIAÇÃO FUNDO DE INCENTIVO A PESQUISA - AFIP | BRAZIL

Enhanced access to care with

6 NEWLY ESTABLISHED SPECIMEN COLLECTION POINTS

“ This initiative is an outstanding answer to what employers can do to build loyalty among their employees. – IFCC

A Noninvasive Serologic Model Using an Intelligent Informatic Solution to Enhance Clinical Decision-Making and Improve Patient Safety

THE SECOND NORMAN BETHUNE HOSPITAL OF JILIN UNIVERSITY | CHINA

17.4% INCREASE in the number of patients identified early for hepatocellular carcinoma using ASAP, a decision-based modeling algorithm.

“ The program is well-thought-out and provides a robust testing platform from a preventive perspective. I am sure the patients, family members and physicians appreciate all you are doing in this area. Well done and keep up the great work! – NAHQ

Improving Emergency Department Flow and Decreasing Risk Through Development and Implementation of Molecular Diagnostics Guided Triage

CLINICAL HOSPITAL CENTER RIJEKA | CROATIA

33% REDUCTION in costs, saving €480,000 (\$523,500) annually

“ This was novel, took a lot of work, and has a big clinical impact. – AACC

Enhancing Resource Utilization and Improving Patient Experience Through Strategic Laboratory Stewardship

AIN-SHAMS UNIVERSITY – EMERGENCY HOSPITAL | EGYPT

15.2% MORE PATIENTS who were low risk were confidently sent home, without the need for unnecessary serial lab testing.

“ This was a pragmatic approach to engaging clinicians as stewards of resources. It is evidence-based and thoughtful. We need more programs like this to help guide clinicians to informed choices. – IHE

Improved and Accelerated Diagnostic Pathway for Patients That Present to the Emergency Department with Suspected Mild Traumatic Brain Injury

HOSPITAL UNIVERSITARIO VIRGEN DE LAS NIEVES | SPAIN

2.01-fold REDUCTION in average wait times for patients who have been ruled out for Traumatic Brain Injury

“ I am impressed with the novel use of lab tests to rule out the need for an expensive imaging test and the reduction in wait times for patients and their families. – NAHQ

THANK YOU TO OUR PARTNERS



**Ipswich Hospital, East
Suffolk and North Essex
NHS Foundation Trust**

Improving the Peri-Operative Pathway
of People with Diabetes Undergoing
Elective Surgery: The IP3D Project

ROSE Foundation

Program ROSE (Removing Obstacles
to cervical Screening) - Empowering
Women to Eliminate Cervical Cancer

**National Basketball
Association**

The "Bubble": Safe and Informed
Population Health Management Based
on Strategic, Novel Laboratory Testing
to Restart a Global Sports League,
Stimulate the Economy and
Foster Normalcy During the
COVID-19 Pandemic



CONGRATULATIONS TO THE 2022 WINNERS

**TOP TEAMS AROUND THE WORLD
ARE ACHIEVING
HEALTHCARE EXCELLENCE**

Learn about these success stories at **UnivantsHCE.com**



UNIVANTS™
OF HEALTHCARE EXCELLENCE

RECOGNITION OF DISTINCTION

Mid America Transplant, St. Louis, Missouri
National Reference Center for Herpesvirus,
University Hospital Center
University Hospitals Cleveland

RECOGNITION OF ACHIEVEMENT

Ain-Shams University - Emergency Hospital
Associação Fundo de Incentivo a Pesquisa - AFIP
Clinical Hospital Center Rijeka
Hospital Universitario Virgen de las Nieves
The Second Norman Bethune Hospital of Jilin University



IN PARTNERSHIP WITH



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HEALTH ECONOMICS