

Magdi Yacoub Global Heart Foundation



Summer 2024 Newsletter

Celebrating the Completion of a State-of-the-Art Catheter Lab Suite and CCU at Aswan Heart Centre



A transformative project, made possible by an \$890,000 grant from the **Magdi Yacoub Global Heart Foundation (MYGHF)**, has just been completed at the Aswan Heart Centre. The project marks the successful completion

of AHC's new Catheter Building housing two new state-of-the-art Catheter suites and a CCU, all of which are cornerstones of the Foundation's mission to provide world-class cardiac care to all who need it. As part of this project, the old machines were traded in, enabling us to acquire the two new state-of-the-art machines for the price of one.

Initiated on October 14, 2023, in response to severe structural deterioration and outdated medical facilities, this significant upgrade underscores the Foundation's commitment to advancing healthcare infrastructure and improving patient outcomes.

Over the course of ten months, the Aswan Heart Centre underwent a remarkable transformation. The old building was demolished, making way for a new, two-floor facility

that now houses a cutting-edge Catheter Lab suite and a 7-bed Coronary Care Unit (CCU).

Highlights of the New Facility:

- **Cath Lab Suite:** Spanning 500 square meters, the suite includes two advanced Cath Lab rooms, each housing a new state-of-the-art catheter machine, a control room, a 4-bedded preparation area, an emergency receiving area, utilities such as clean and soiled utility rooms, staff lockers, and a dedicated CathLab store.
- **CCU:** This 150 square meter unit features seven beds, along with essential utility areas to support patient care.

The total cost of the project was meticulously managed, with investments including \$890,000 (around 45 million EGP) for the Cath Lab machines, 7 million EGP for demolition and construction, and 30 million EGP for



furnishing and essential systems like HVAC, fire systems, and electromechanics. A contingency fund of 2 million EGP was also allocated to ensure the project stayed on track. Despite the challenges of maintaining hospital operations during the reconstruction, the project was completed on time and within budget. The new facility is now fully operational, with a dedicated workforce comprising 26 nurses, 6 Cath technicians, and support from the administration team, as well as adult and pediatric cardiology teams. The Cath Lab suite is expected to handle approximately 3,600 patients annually, with 70% being adults and 30% pediatric cases.

This new facility marks a significant milestone in our ongoing commitment to delivering world-class cardiac care. By enhancing our capabilities and expanding our services, the Aswan Heart Centre continues to stand as a beacon of hope and healing, providing life-saving care to those who need it most.

A Special Fundraising Luncheon: Strengthening Ties with the Egyptian American Community

We were very pleased with the community response and great success of our recent fundraising luncheon, a collaborative effort between the Magdi Yacoub Global Heart Foundation (MYGHF) and the Egyptian American Society of **New Jersey**. Held at the charming Laila Restaurant in Staten Island, New York, the event was a true celebration of community, generosity, and the shared vision of bringing world-class cardiac care to those in need.

Resulting from the initiative of New Jersey Egyptian American Society members Dr. Sherif Farag and Dr. Gihan Farag, working closely with MYGHF Fundraising Development Manager Shery Luke who coordinated the entire affair, the evening was a memorable one thanks to the warmth and support of everyone who attended. We extend our heartfelt thanks to all who joined us, making this gathering not only a fundraising success but also a testament to the strong bonds within the Egyptian American community.



Special appreciation goes to Mr. Alan, owner of Laila Restaurant, for graciously hosting us and creating a welcoming atmosphere that perfectly complemented the spirit of the occasion.

A highlight of the afternoon was the insightful presentation by Dr. Wael Abdel Aal, who provided an in-depth overview of the ambitious plans for the new Global Heart Centre in Cairo. Dr. Abdel Aal illustrated how this state-of-the-art facility will work in tandem with the Aswan Heart Centre to address the pressing

demand for top-tier cardiac healthcare throughout Egypt and the broader region. His presentation underscored the critical role that these two campuses will play in saving lives and advancing medical excellence.

The pinnacle of the event was when we were deeply honored to have Professor Sir Magdi Yacoub join us live via Zoom. His presence and inspiring words



resonated with everyone in attendance, reinforcing the importance of our mission and the profound impact our collective efforts can achieve. Professor Yacoub's interaction was the highlight of the event, leaving an indelible mark on all those present.

This fundraising luncheon not only helped raise funds essential to supporting our work, but also strengthened the connection between MYGHF and the Egyptian American community. We look forward to more events like this as we partner with regional Egyptian American organizations across the US, giving us more opportunities to collaborate with their proud and active members to present the work and impact of Professor Sir Magdi Yacoub and his dedicated medical teams at Aswan Heart Centre.

Interested in exploring opportunities for your group or organization to collaborate with the Magdi Yacoub Global Heart Foundation in a fundraising event in your area? Let us know by contacting MYGHF's Shery Luke at shery.luke@myglobalheart.org or by phone at (516)666-5762.

Aswan Heart Centre Nursing Team Shines at CardioAlex 2024



Members of the Aswan Heart Centre Nursing Team at the CardioAlex 2024 Conference

The Aswan Heart Centre's nursing team soared at this year's CardioAlex conference in Alexandria, Egypt. This year's conference was held at the Bibliotheca Alexandrina on the shores, a major library and cultural center on the shores of the Mediterranean Sea. This prestigious event, renowned as the largest cardiovascular conference in the Middle East and Africa, brings together leading experts, practitioners, and researchers in the field of cardiology to exchange knowledge and showcase the latest advancements in cardiac care.

At CardioAlex 2024, our nursing team delivered a truly stellar performance, solidifying their reputation as leaders in the field. In a highly competitive nurse-tech competition, our Cath-lab team emerged victorious, securing first place among 12 top teams from universities and medical centers across Egypt. This triumph is a testament to the exceptional skill, dedication, and teamwork that define the nursing staff at the Aswan Heart Centre, qualities that enable

them to provide unparalleled care to their patients.

Beyond their success in the competition, the team also made significant contributions to the conference through a remarkable 24 oral and e-poster presentations, as well as a case presentation. These were all accepted for publication by CVREP, one of the world's foremost non-profit organizations dedicated to innovation, research, and education in interventional cardiology. This recognition by a leading global institution underscores the high level of expertise and commitment to advancing cardiac care that our team brings to the table.

This latest achievement is a continuation of the Aswan Heart Centre nursing team's ongoing efforts to push the boundaries of cardiac care and to ensure that their patients receive the best possible medical services. We are incredibly proud of their contributions to the field and their commitment to professional development and excellence.

Vodafone Egypt Foundation and the Magdi Yacoub Heart Foundation Collaborate to Raise 33 Million EGP



Professor Sir Magdi Yacoub, with Mohamed Abdallah of Vodafone Egypt Foundation

We are thrilled to celebrate a significant milestone in the ongoing partnership between Vodafone Egypt Foundation and the Magdi Yacoub Heart Foundation. This collaboration, marked by a shared commitment to transforming lives through health and education, has reached new heights with the success of the “Heart to Heart” initiative.

Through this initiative, Vodafone Egypt Foundation took a bold step by doubling the donations collected, resulting in a remarkable total of EGP 33 million. This extraordinary effort reflects not only the power of collaboration but also the profound impact that can be achieved when organizations come together with a shared purpose.

For years, Vodafone Egypt Foundation has been honored to work alongside the legendary Sir Magdi Yacoub and his team. This collaboration is not just

about the achievements of today, but about the promise of tomorrow. We are proud of the work that has been accomplished and are excited about the potential for even greater impact in the years to come. We look forward to many more purposeful initiatives and collaborations together with partners such as Vodafone Egypt Foundation.



Professor Sir Magdi Yacoub and AHC officials with members of the Vodafone Egypt Foundation team.

Professor Sir Magdi Yacoub Receives the Zayed Humanitarian Award 2024



We are proud to announce that Professor Sir Magdi Yacoub, pioneer in the field of cardiothoracic surgery and a tireless humanitarian, has been honored with the prestigious Zayed Award for Human Fraternity 2024. The award was presented in a festive ceremony in Abu Dhabi, United Arab Emirates, on February 4th, coinciding with the International Day for Human Fraternity.

The Zayed Award for Human Fraternity is an independent global accolade granted annually by the Higher Committee of Human Fraternity. It recognizes individuals and organizations for their profound contributions to promoting human fraternity and unity across the globe. Sir Magdi Yacoub's exceptional work in advancing medical care and his dedication to treating underserved communities worldwide made him a natural recipient of this distinguished honor.

As a world-renowned heart surgeon, Sir Magdi Yacoub has made significant contributions to the medical field, particularly in developing countries. Through the Magdi Yacoub Heart Foundation in Egypt,

he has provided free-of-charge medical services to thousands of underprivileged patients and has trained a generation of Egyptian doctors, nurses, and technicians to the highest international standards. His efforts have not only saved countless lives but have also helped elevate the standard of healthcare in the region.

Upon receiving the award, Sir Magdi expressed his gratitude and reaffirmed his commitment to the values of fairness and integrity that the Zayed Award represents. "I am honored to be a small part of this great endeavor, uniting people from all over the world to treat everyone with fairness and integrity, without discrimination. I look forward to working with the Zayed Award for Human Fraternity team to achieve our shared objectives," he said.

Dr. Magdi's recognition with the Zayed Award for Human Fraternity is a testament to his enduring commitment to humanity and his life-long dedication to improving the lives of those most in need.

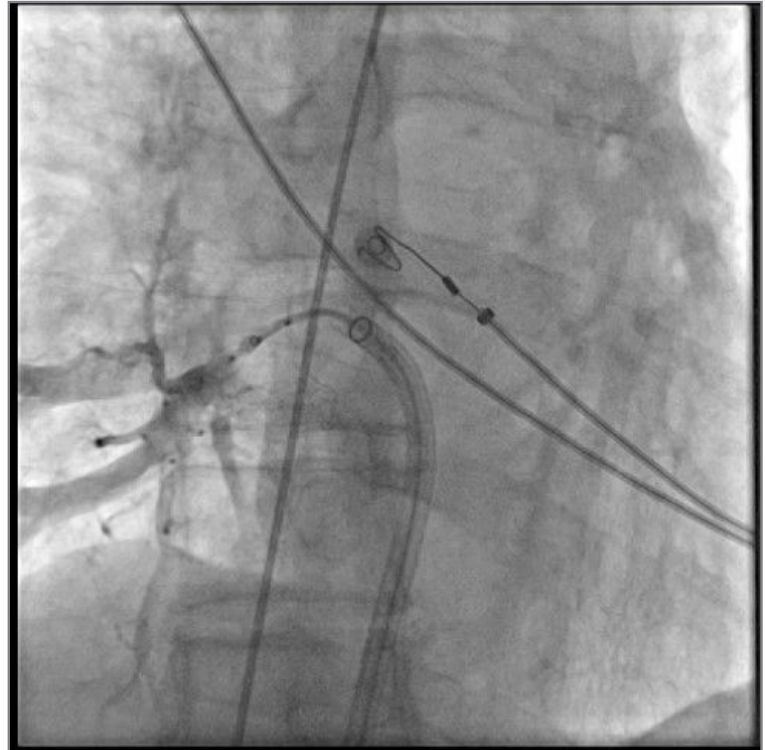
Advancing Cardiac Care: A Successful Cryoballoon Training Collaboration with Medtronic

We are pleased to share the success of a recent Cryoballoon training session held at the Aswan Heart Centre, a key initiative in our ongoing efforts to advance cardiac care across the region. This intensive two-day training, conducted in collaboration with Medtronic, featured lectures and live demonstrations of six complex cases, showcasing the latest techniques in treating atrial fibrillation.



The training was attended by Dr. Abdallah from Mauritania and Dr. Sherine Samy from Egypt, both of whom are leading cardiologists in their respective countries. Their participation highlights the growing regional collaboration in medical education and the shared commitment to improving patient outcomes through cutting-edge technology and expertise.

Cryoballoon ablation is a highly effective treatment for atrial fibrillation, a common heart rhythm disorder. By using extreme cold to create lesions in the heart tissue, the procedure helps to restore normal heart rhythm. The success of this technique relies on both the skill of the medical team and the advanced technology provided by industry leaders like Medtronic.



Medtronic, a global leader in medical technology, services, and solutions, has been at the forefront of innovation for decades. The company has a rich history of developing life-saving devices and treatments across a range of medical fields, including cardiology. Their collaboration with the Aswan Heart Centre underscores their commitment to expanding access to advanced medical training and technology in emerging markets.

Our sincere thanks go to Medtronic and all the participants who contributed to the success of this training program.

Aswan Heart Centre Delegation Shines at International Medical Class for Global Critical Care 2024



In a remarkable demonstration of commitment to scientific advancement and global collaboration, a delegation from the Aswan Heart Centre (AHC) participated in the prestigious International Medical Class for Global Critical Care 2024. This event, which forms part of the 34th Symposium on Intensive Care Medicine and Nursing in Bremen, Germany, is renowned as one of the largest gatherings of intensivists in the country.

The International Medical Class for Global Critical Care 2024, hosted by Dr. Matthias Angres, Director of RobinAid and a board member of the Rwanda Heart Care and Research Foundation, provided a platform for sharing cutting-edge knowledge and advancements in critical care. The event brought together leading experts from around the world, fostering an environment of learning and collaboration.



Dr. Emad Nasr, a prominent member of the AHC team, had the honor of co-presiding over the international medical class. Alongside him, other esteemed AHC

representatives including Dr. Mahmoud Abdalla, Dr. Fady Safwat, Dr. Alaa Atef, Dr. Ahmed El-Nahass, Dr. Mahmoud Shehata, Dr. Faisal Said, and Dr. Hatem Hosny delivered a series of in-depth lectures. Their presentations covered a range of critical care topics, showcasing the expertise and innovations of the Aswan Heart Centre.

The sessions were well-received by an international audience of colleagues and peers, reflecting the high caliber of knowledge and practice shared by the AHC team. Notably, Professor Sir Magdi Yacoub, the founder of the Magdi Yacoub Foundation, served as the chairperson via Zoom during the sessions. His virtual presence underscored his ongoing involvement in promoting global medical education and his support for the team's efforts.

The symposium in Bremen is a significant event in the field of intensive care, attracting leading professionals who are dedicated to advancing critical care medicine. By participating in this event, the Aswan Heart Centre not only contributed to the global dialogue on critical care but also reinforced its commitment to excellence and innovation in medical practice.

The opportunity to engage with international experts and share knowledge on such a prestigious platform highlights AHC's role as a leader in cardiac care and critical care medicine. We extend our gratitude to Dr. Matthias Angres and all involved in organizing the event and look forward to future collaborations that continue to advance medical care and improve patient outcomes globally.

Exciting Progress on the Magdi Yacoub Global Heart Centre



The Magdi Yacoub Global Heart Centre (MYGHC) is nearing the end of construction and opening of its doors in 2025 to better meet the growing need for cardiovascular care. Located on a sprawling 35.67-acre site in 6th of October City, the new facility will significantly increase the combined capacity of our hospitals, enabling us to accommodate up to 120,000 outpatients and 12,000 inpatients each year—tripling our current ability to serve patients!

A key component of this expansion is our enhanced focus on treating neonates with congenital heart disease, offering them a 95% chance of living a normal life. The new Global Heart Centre will feature a state-of-the-art central hub, including 5 operating theatres, 5 catheterization labs, and a comprehensive diagnostic and imaging centre.

In addition to expanding our clinical services, MYGHC is also a medical campus committed to tripling the

number of healthcare professionals trained through our programs. Our goal is to train 1,750 new professionals, ensuring a steady supply of qualified providers and scientists capable of delivering top-tier care at MYGHC and beyond. An advanced research center will also be established, focusing on innovative treatments for complex cardiovascular diseases, with special emphasis on congenital heart conditions, precision medicine, and diseases prevalent in the developing world.

Our vision is to become a global leader in cardiovascular care, research, and innovation. With your support, we can make this vision a reality, transforming lives and advancing cardiovascular care on a global scale. Together, we can ensure that every patient, regardless of their circumstances, receives the world-class treatment they deserve.

Thank you for being a part of this transformative journey.



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