

### **3.3.1 Collaborations with health institutions to improve health & wellbeing in 2024:**

## **2-International Collaboration In 2024**

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|----------|------------------------------------------------------------------|
| <b>1</b> | <b>Collaboration with Operation Smile in 2024</b>                |
| <b>2</b> | <b>Assiut Kidney Transplantation Unit Activities<br/>in 2024</b> |
| <b>3</b> | <b>International workshop and conferences<br/>in 2024</b>        |

# 1-Collaboration with Operation Smile in 2024:

## I-Mission Activity

From July 2023 Until June 2024

| Diagnosis                              | Number of missions         | Number of patients examined | Number of patients performed surgery |
|----------------------------------------|----------------------------|-----------------------------|--------------------------------------|
| Cleft lip, Cleft palate and Bone Graft | 2 International<br>6 Local | 419                         | 189                                  |
| Burn patients                          | 1 International<br>2 Local | 175                         | 76                                   |
| Dental patients                        | 8 Local                    | 1982                        | 3582 Procedures                      |

## **II- Educational activity: in cooperation with Faculty of Medicine**

| <b>Name of the course</b>        | <b>Number of the providers</b> |
|----------------------------------|--------------------------------|
| <b>ACLS</b>                      | 66                             |
| <b>BLS</b>                       | 810                            |
| <b>PALS</b>                      | 70                             |
| <b>Cleft &amp; Burn training</b> | 43                             |
| <b>Airway and Regional Block</b> | <b>19</b>                      |
| <b>Nursing training</b>          | 41                             |
| <b>Dental training</b>           | 15                             |
| <b>Pediatric training</b>        | <b>3</b>                       |
| <b>Biomed training</b>           | <b>4</b>                       |

### III: workshop:

| Workshop                                                      | Number of the providers |
|---------------------------------------------------------------|-------------------------|
| Micropigmentation                                             | 3                       |
| Laser                                                         | 2                       |
| Medical Records and Electronic MR                             | 20                      |
| Orthodontic and NAM                                           | 15                      |
| Teaching mothers how to feed babies with cleft lip and palate | 40 Family               |

## 2. Assiut Kidney Transplantation Unit

### Activities in 2024

The journey of success and giving continues at the Assiut Kidney Transplant Unit in Assiut University Urology Hospital for the tenth year since its establishment, providing services to kidney failure patients by performing kidney transplant operations. Services include preparing patients and donors for the operation and following up with them afterward.

The outpatient clinic operates daily to prepare and monitor patients before and after kidney transplantation. Patients are seen on Sundays and Tuesdays of each week. The clinic received new patients of all ages, backgrounds, and nationalities, each according to their respective regulations and policies.

### Case rates in 2024

**-Frequency rate (number of patient visits) = 1464 patients or donors,** including follow-up cases after transplantation and new cases.

**-Number of patients who benefited = 192 patients**

**-Number of kidney transplants = 16 new cases performed in 2024.** The last case in 2024 was the number 80 among our total cases. A celebration was held on Case No. 75 on September 16, 2024, with the participation of transplant professors from Mansoura and Cairo Universities.

**-Number of patients followed up after kidney transplantation at other centers = 160 patients** following transplantation for clinical follow-up, immunosuppressive therapy, and other treatments.

The medical team has recruited and renewed its staff in several specialties, including Urology, Nephrology, Anesthesia, Cardiology, Diagnostic Radiology, and Clinical Pathology. The team performed medical work related to kidney transplantation and surgeries in accordance with internationally approved protocols and guidelines approved by national and international scientific committees and by the Supreme Committee for Organ Transplantation.

The medical team, along with the nursing and secretarial staff, also assisted in providing the necessary administrative and legal procedures to

complete the paperwork required to obtain a kidney transplant permission for patients and their donors.

The team maintained its monthly meetings to discuss the progress of work, ways to facilitate any difficulties for patients, and important topics. They formulated recommendations for the benefit of the work. The new patients' conditions were reviewed each month to approve the preparation files of the patients and their suitability for the operation, obtain the approval of the Supreme Committee for Organ Transplantation, and set the date of the surgical operation.

In addition, the tripartite committee was called to convene to review the cases prepared monthly over the year. The committee evaluated more than 20 patients to obtain approval for kidney transplantation.

The team was keen to improve work efficiency by setting some policies regarding unavailable medications such as immunosuppressants and antiviral drugs that harm the transplanted kidney, in order to provide them to patients.

The kidney transplant team focuses on the research and academic aspects to stay update of the latest developments in kidney transplantation and to maintain the excellent results achieved through the following:

First: Conducting Master's and Doctoral studies on kidney transplantation topics, as several studies have been registered, including a Doctoral study on the dimensions of blood vessels in kidney transplantation and their effect on outcomes. A new Master's study on kidney transplantation has also been registered, including a study on kidney transplantation in patients with bladder and urinary tract disorders that are diagnosed during pre-operative preparation and assessing their impact on the transplanted kidney in these patients, as well as a study on closely monitoring tacrolimus blood levels and adjusting dosages accordingly. Additionally, a study on fatty liver disease in kidney transplant patients and its ultrasound evaluation is also included.

Secondly: Attending specialized scientific conferences in kidney transplantation and organ transplantation, such as the annual meeting of the Egyptian Urological Association, and participating in the work of the Kidney Transplantation Section by giving lectures and moderating scientific sessions with professors of kidney transplantation from other

leading Egyptian centers in this field, as one of the kidney transplant team members holds the position of secretary of the Kidney Transplantation Section.

Likewise, an **international organ transplant conference held in Cairo, which is part of the "Donate Life Egypt Initiative"**, under the auspices of the Minister of Health and Population, and which brings together a group of scientists and pioneers in organ transplantation from various countries around the world.