

Hematology and Oncology unit

The unit was established in 1977. Its founders are Prof. Al-Mahdi Al-Basousi and Prof. Youssef Al-Tanbari

The unit operates through the clinic and the internal section that contains 7 beds on the fourth floor of the Mansoura University Children's Hospital and 4 marrow transplant rooms on the second floor plus 40 beds in the Oncology Center the seventh floor, and 2 marrow transplant rooms in the Oncology Center the eleventh floor.

Services

- The Unit of Hematology, Oncology, Marrow and Umbilical Cord Transplantation provides its services to patients of Dakahlia Governorate and the entire Delta region in the form of 4 outpatient clinics:
 - Thalassemia and Transfusion Patients Clinic (Saturday; Monday)
 - Coagulation factor Disease Clinic (Sunday)
 - Anemia of chronic Disease and malnutrition Clinic (Wednesday)
 - Receiving emergency cases throughout the week (Sunday, Tuesday, Thursday)
- Bone marrow transplantation, autologous or from a compatible donor.
- Conducting laboratory analyzes for cases of various blood diseases, whether related to marrow transplantation or otherwise.
- Separation of blood cells and its components.
- Irradiation of blood components and its derivatives.
- Sterilization of medical supplies with a cold sterilizer in the unit.
- Training doctors and medical assistants on the stages of bone marrow transplantation and dealing with different transplant cases.
- Follow-up of cases of chronic anemia, thalassemia and blood transfusion.
- Follow-up cases of recurrent bleeding (hemophilia) and give the necessary treatment.
- Giving prophylactic treatment to hemophilia.
- Reservation of autologous stem cells or cells from the umbilical cord.
- Treating cancer patients with chemotherapy.
- Treatment of patients with bone marrow failure.

Devices:

- Blood irradiation device.
- A blood component separation device.
- Platelet preservation device.
- Cooling device and preservation of marrow cells.
- Coagulation factor analysis device.
- Sterilization device (dry cold sterilization with plasma).
- Air sterilizer.
- Pumps device (Fusion).
- A sterilizer (an oven to sterilize machines).
- A water bath to dissolve the frozen marrow bags.
- A bone marrow preservation machine
- Plasma freezing device (preserving frozen plasma).
- Welding machine for sterilizer bags.
- A welding machine near the blood.

Staff members:

- Prof. Ahmed Kamal Mansour (Professor)
- Prof. Nabil Mahmoud Abdel Razek Abdel Aal (Professor)
- Prof. Mohamed Mahmoud Mohamed Sarhan (Professor)
- Prof. Rasha Al-Ashry (Professor); Current head of the unit
- Prof. Ashraf El-Sayed Fouda (Professor)
- Prof. Ahmed Darwish Mohamed (Assistant Professor)
- Prof. Suzy Abdel-Maboud Abdel Hamid (Assistant Professor)
- Dr. Eman Sabbagh (Assistant lecturer)
- Dr. Maha Abdel Moneim Mohamed (Assistant lecturer)
- Dr. Muhammad Yunis (Assistant lecturer)

Prizes: Prof Ahmed Mansour

-Academy of scientific research and technology (Prize of Prof. Mohamed Fakhry for medical sciences in the field of Pediatrics at 2008)

-Mansoura University (Scientific Excellence Award in the field of medical sciences at 2011)