

## **Educational Experience of residents**

Education is the focal point of the pediatric residency program at Mansoura University Children's Hospital. The staff members of Pediatric Department, Faculty of Medicine, Mansoura University in the fields of general Pediatrics and subspecialties, conduct the pediatric residency training program. In all clinical rotations, teams composed of these attending staff members, supervising assistant lecturers, senior & junior residents and house officers, all working together to create a collegial educational environment. Internet connections are readily available to residents and allow access to a vast array of informations.

Residents participate in an extensive schedule of scientific activities that complement their clinical experiences. These include:

- Teaching rounds with attending staff member(s) on the pediatrics ward (four times/week).
- Night teaching round with the attending assistant lecturer(s) on the pediatrics ward (daily).
- Pediatric grand Rounds (weekly).
- Journal club (monthly).
- Case presentation (bimonthly).
- Morbidity and mortality meeting (monthly on average).
- Thesis discussion (monthly on average).
- Training courses:
  - Basic life support.
  - Advanced life support.
  - Resuscitation (pediatric/neonatal).
  - Infection control.

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- Respiratory and cardiovascular support.
- Transport (neonatal/pediatric).
- Interactive ECG training course.
- Teaching programs covering various pediatric subspecialties topics and problems in order to prepare residents to pass the certification examination of master degree of pediatrics.

The responsibility for establishing and maintaining an environment of inquiry and team relationship rests with the teaching staff members. Through broad involvement in many scientific activities, staff members of the pediatric department support residents with an in-depth of understanding basic mechanisms of normal and abnormal states as well as the application of current knowledge to practice. These activities include:

- Active participation of the teaching staff in clinical discussions rounds, and conferences;
- Active participation in regional or national scientific societies, particularly through presentations at the organizations meetings and publications in their journals;
- Participation in research, particularly in projects through peer review, and
- Provision of guidance and technical support for residents involved in research, e.g., research design, statistical analysis.