

# PERI-OPERATIVE CARE

## Pre-operative Assessment and Preparation

---

### **Pre-operative Assessment (General):**

- I- **Clinical assessment** : by Primary Care Physician (PCP) or pediatrician!
  - A- **History** : the usual data collection starts by history that involve two parts :
    - = **general** history with interrogatory by system with considering the functional evaluation of the following systems: respiratory, cardio-vascular, neuromuscular , hematological , hepatic and renal system .
    - = **relevant** history according to involved system and presenting complaints
  - NB:** *to memorize use :MNEMONICs( **COMP FREE**) or checklist (see attached form)*
  - B- Examination : also involve two parts :
    - = **general** Ex, which must contain the vital signs and anthropometric measurements with plotting on appropriate charts , with considering the functional evaluation of the following system respiratory, cardio-vascular, neuromuscular , hematological , hepatic and renal system .
    - = complete examination of the **relevant** system
- II- **Para-clinical assessments**
  - A- CBC, Grouping and cross-matching, bleeding profile, viral markers , ± CXR
  - B- other tests requested on demand (see guide of specific system later on)
- III- **Consultation** - if needed : remember : any difficult .. you must consult
- IV- **ASA classification** and its implications then write the **recommendations**

### **Pre-operative Preparation (General):**

- I- by primary care physician (PCP) or pediatrician !
  - = Pt/family psychosocial preparation ,
  - = fulfill the "informed consent " and recommend for consultation if needed
  - = educate about pre-operative fasting (NPO),
- II- by operation team (anesthesiologists and surgeons ) at the day before the operation
  - = **review** the PCP assessments & preparation , and recommendations
  - = **history** : check for new events that may affect GA or operation and

check pt/family understanding as well as answer their queries .  
= **P.Exam**: rapid Ex. that must involve vital signs , O2 saturation and  
the system involved by the procedures  
= **prescribe** any indicated pre-medications or extra-preparation and  
check NPO

- III- Timed, complete and formal **Documentation** of all pre-operative  
assessment and preparation (as with intra and post operative care )
- IV- Establish a good **communications** between all specialties involved  
in the managements of Pt. and adherence to **ethical** issues .

Prepared by Dr: Omer AL-Gonaid  
Abdulwahab Alhaifi

Revised by Ass.prof Dr.