

# **INTRODUCTION OF PEADIATRIC INTENSIVE CARE UNIT (PICU)**

DDNS FLORENCE A. GBONGBO

# OBJECTIVES

At the end of the presentation audience will know,

1. What PICU is
2. Where it is located
3. The age range for PICU admission
4. The criterial for PICU admission and discharge
5. Some challenges PICU is facing now and likely to face as a unit



# WHAT IS PICU?

- Paediatric Intensive Care Unit (**PICU**) is a specialized unit in the hospital that provides intensive and comprehensive care to children with life threatening conditions.
- We admit children from 1month to 13years old.

# WHERE IS PICU LOCATED?



# VISION AND MISSION

- **VISION:**

To save and enrich young lives

- **MISSION:**

To offer a patient-centred, distinctive health care environment where patients and caregivers are treated with compassion and respect whiles providing safe evidence-based medical and nursing services.

# FACILITIES AND EQUIPMENTS









# **CRITERIAL FOR PICU ADMISSION**

## **1. RESPIRATORY**

- Intubation
- Tracheostomy (newly placed)
- Severe asthmatic attack
- Respiratory Failure
- ARDS

# **CRITERIAL FOR ADMISSION CONT.**

## **2. CARDIOVASCULAR**

- Shocks
- Sepsis
- Following CPR
- Unstable congestive heart failure

### **3. NEUROLOGIC**

- Seizures
- Head trauma
- Spinal cord injury
- Increased ICP
- Autoimmune Paralytic conditions

### **4. ENDOCRINE**

- DKA (uncontrolled DM)

## **PATIENTS NOT APPROPRIATE FOR PICU**

- Irreversible brain damage.
- End state cardiac, respiratory, kidney or liver disease with no option for transplant.
- Metastatic cancer unresponsive to chemo or radiotherapy.
- Patient with non-traumatic coma leading to a persistent vegetative state.

# CRITERIAL FOR DISCHARGE

- Conscious
- Good airway (extubated and stable for several hours after extubation)
- Breathing comfortably
- Stable vital signs and urine output
- Afebrile
- HB > 6g/dl
- Bowel sounds present and abdomen not distended.

