MANAGEMENT OF CHILDREN

WITH SUSPECTED / CONFIRMED COVID-19 INFECTION



SUSPECTED COVID-19

ACUTE RESPIRATORY INFECTION WITH SUDDEN ONSET OF AT LEAST ONE OF THE FOLLOWING:

- **NASAL CONGESTION &** RHINORRHOEA;
- COUGH;
- SORE THROAT; SHORTNESS OF BREATH; OR
- **FEVER (>380C)**

MILD DISEASE

- TREAT AT HOME
- **ADMIT IF HOME CARE NOT** FEASIBLE

HOME TREATMENT

- PARACETAMOL
- **NUTRITIONAL SUPPORT**
- **ALERT TO DANGER SIGNS**
- HOME ISOLATION

DE-ISOLATION

- 14 DAYS FROM +VE TEST
- IF ASYMPTOMATIC 14 DAYS FROM ONSET **OF SYMPTOMS**

TEST AND ASSESS

- APPLY MASK AND ISOLATE
- PERFORM COVID-19 TEST
- **ASSESS SEVERITY OF DISEASE**
- **EXPLORE DIFFERENTIAL** DIAGNOSIS

MODERATE DISEASE

- ADMIT TO HOSPITAL
- COHORT WITH RESPIRATORY / **COVID-19 CASES**

HOSPITAL TREATMENT

- OXYGEN
- PARACETAMOL
- 3 4 HOURLY REVIEW
- **NUTRITIONAL SUPPORT EMPIRIC ANTIBIOTICS**

DE-ISOLATION

- 14 DAYS AFTER STABLE -**NO LONGER NEED OXYGEN**
- **CONTINUE TREATMENT AT HOME**



SEVERE DISEASE

- ADMIT TO HOSPITAL
- DISCUSS WITH NEAREST PICU

PICU ADMISSION

- OXYGEN
- IV FLUIDS (2/3 MAINTENANCE)
- **EMPIRIC ANTIBIOTICS**
- CONSIDER INTUBATION **ARRANGE TRANSFER**

DE-ISOLATION

- 14 DAYS AFTER STABLE -NO LONGER NEED 02
- **CONTINUE TREATMENT AT HOME**

ASSESSMENT OF SEVERITY

	AND CONTRACTOR OF THE PROPERTY		
	MILD	MODERATE	SEVERE
MENTAL STATUS	NORMAL	RESTLESS	IRRITABLE/LETHARGIC
FEEDING	FINISHES FEED	DOES NOT FINISH FEED	UNABLE TO FEED
TALKING	FULL SENTENCE	INTERRUPTED SENTENCE	INTERRUPTED SENTENCE
RESPIRATORY RATE	<40 IF UNDER 1YR <30 IF 1 - 5 YEARS <20 IF OVER 5 YEARS	40-60 IF UNDER 2 MONTHS 40-50 IF 2 – 12 MONTHS 30-40 IF 1 – 5 YEARS 20-30 IF OVER 5 YEARS	>60 IF UNDER 2 MONTHS >50 IF 2 - 12 MONTHS >40 IF 1 - 5 YEARS >30 IF OVER 5 YEARS
RESPIRATORY SIGNS	RESPIRATORY SIGNS	CHEST WALL INDRAWING	GRUNTING CHEST WALL INDRAWING
Sp0 ₂	≥95% IN ROOM AIR	<92% IN ROOM AIR	<92% IN ROOM AIR, CENTRAL CYANOSIS

AVOID THE FOLLOWING IN CHILDREN WITH COVID-19 INFECTION

- ROUTINE OROPHARYNGEAL EXAMINATION UNLESS WEARING FULL PPE (INCLUDING N95 RESPIRATOR AND EYE PROTECTION)
- NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS)
- CORTICOSTEROIDS
- NEBULISERS IF NECESSARY USE A METERED-DOSE INHALER (MDI) WITH SPACER
- HIGH-FLOW HUMIDIFIED AIR OR OXYGEN
- NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE (nCPAP) OR BILEVEL POSITIVE AIRWAY PRESSURE (BIPAP) - RISK OF AEROSOLISATION TO STAFF OUTWEIGHS POSSIBLE BENEFIT TO INDIVIDUAL PATIENT
- BAGGING WITH A MASK



