

PAEDIATRIC Proforma

HISTORY TAKING

1. Name :
2. Age : (Precisely in months for small children) ; DOB
3. Sex :
4. Informant : (Reliable or not)
5. Address :
6. Religion : (usually not asked)
7. DOA :
8. DOE :

CHIEF COMPLAINTS

PEM

- Fever since _____ days
- Cough with sputum since _____ days
- Pain abdomen since _____ days
- Generalised weakness _____ days

Pneumonia

- Fever
- Cough with sputum
- Chest pain
- Breathlessness in the form of fast breathing
- Feeding difficulty, Fits, Cyanosis, Head nodding – features of severe pneumonia
- Conjunctivitis, Arthralgia, Myalgia – Viral pneumonia

Congenital heart disease

- Cough
- Breathlessness
 - Poor feeding ; Interrupted feeding
 - Breathes better when held against shoulder
 - Excessive sweating (d/t increased symp. activity & large surface area of head to maintain tissue perfusion)
- Failure to thrive
- Cyanosis
- During crying cyanosis worsens (respiratory cause : improves)

Jaundice / Hepatosplenomegaly

- High coloured urine
- Yellowish discoloration of sclera
- Abdominal distension
- Fever

Diarrhoea

- Loose watery stools

Cerebral palsy

- Convulsions
- Involuntary movements
- Delayed milestones
- Fever & cough

HISTORY OF PRESENT ILLNESS

Patient was relatively well _____ days back and then developed _ _ _ _ _

- Onset
- Duration
- Progression
- Aggravating & relieving factors
- Associated symptoms
- Present status
- Negative history

Fever

- Onset
 - Sudden : Pneumonia
- Duration
- Type
 - Continuous
 - Remittent
 - Step ladder : Typhoid
 - Relapsing
- Severity

- High grade
 - Low grade
- Associated chills & rigor
- Aggravating & relieving factors (medication)
- Diurnal variation
- Activity of child during feverless period
 - Active- viral
 - Inactive- bacterial
- Normalising –
 - Suddenly- pneumococcal pneumonia
 - Gradually- typhoid
- Any h/o Vomiting , Diarrhoea - (Gastroenteritis)
- Rashes – (measles)
- Burning micturition , Haematuria , Oliguria – (UTI)
- Loss of weight, Decreased appetite , Evening rise of temperature – (TB)
- Bleeding gums –(Vit C def)
- Conjunctivitis , Night blindness – (Vit A def)
- Skin rash on extremities & Diarrhoea – (Pellagra)
- Palpitation , Cyanosis , Pedal oedema, SOB – CCF
- Seizures / Altered sensorium – (meningitis /Encephalitis)
- Food intake from outside
- Water intake
- Excessive cry
- Ear discharge

Cough

- Onset
- Duration
- Type
 - Initially dry : Pneumonia
- Frequency
- Productive / Non productive
- Colour of sputum
 - Rusty –Pneumonia
- Quantity & Odour of sputum
- Diurnal variation
- FB aspiration
- Postural variation
- Vomiting of sputum
- Associated factors

- Grunting respiration
- Cyanosis
- Feeding difficulties
- Complications
 - Post tussive vomiting
 - Disturbed sleep
 - Whoop
 - Affects breathing
 - Subconjunctival h'ge
 - Ulceration of frenulum
 - Umbilical/ femoral hernia
 - Cough syncope
 - Rib #

Pain Abdomen

- Site
- Character
- Type
- Duration
- Severity
- Aggravating & relieving factors
- Radiation

Loose watery stools (Diarrhoea)

- Onset – very acute : food poisoning
- Duration- acute(<7d)/ persistent(>14d)/Chronic
- No. of episodes – assess dehydration
- Quantity – large volume / small volume
- Consistency
 - Watery stool
 - Lactose intolerance- also increased flatulence + perianal excoriation
 - Cholera- rice water stool
 - Rota virus – secretory + osmotic diarrhoea
 - Pea soup stools – Typhoid
 - Greasy +bulky+ foul smelling + difficult to flush – steatorrhoea
- Blood stained / not
 - Dysentery – a/c +abdominal pain + tenesmus(painful urgency to pass stools)
 - IBD – c/c
 - Amoebiasis – c/c
 - Intussusception – jelly like bright red blood + sausage shaped mass lateral to umbilicus + exhausting cry in an infant of age group 6m-1yr
 - Haematochezia- fresh blood in stools- lower GI bleed
 - Malena – altered blood (tarry stools)

- Green stools – rapid GIT transit
- Frothy / not
- Foul smell
- Worms in stools
- Signs of dehydration
 - Thirst
 - Urine output
 - Seizures
 - Tears
 - Appearance of eye (sunken)
 - Altered sensorium
 - Malnourishment (decreased weight)
- Vaccination of Rotavirus
- Associated symptom
 - Vomiting
 - Abdominal distension
 - Hypotonia of malnutrition
 - Hypokalaemia
 - Fever
 - Weight loss – HIV infn(in c/c diarrhoea)
- H/o
 - Weaning & artificial feeding
 - Bottle feeding – rota virus
 - Similar illness in the family
 - Travel to outside
 - Food from outside
 - Previous infection
 - UTI
 - Pneumonia
 - Otitis externa
 - Drug intake
 - Antibiotics (decreases nl flora)
 - Food allergy – cow's milk, soy, wheat
 - Diet during diarrhoea

Chest pain

- Onset
- Duration
- Progression
- Type
 - Piercing type of pleural pain – pneumonia
- Severity

- Less severe- pneumonia
- Aggravating / Relieving factors
- Radiation to the shoulder or abdomen

Shortness of breath

- Onset : Gradual
 - Mother noticed breathlessness in the form of fast breathing
 - Frequency (Less frequent)
 - Postural variation (Not much)
 - Orthopnoea
 - PND (usually not seen)
- Pneumonia
- Severity
 - Unable to speak – words/ Phrases / Sentences
 - Not able to drink
 - Not able to eat
 - Nebulisation
 - Number of episodes per month
 - Whether he was on inhaler
 - 5 Ps
 - pest
 - Pets
 - Pollen
 - Perfumes
 - Passive smoking
- Br. asthma

Jaundice

- Onset
- Duration
- Progression
- Colour of urine
 - High coloured – concentrated urine, Haematuria, Hemoglobinuria , Rifampicin
- Colour of stool
- Itching : mention about scratch marks if present

	Colour of sclera	Urine	Stool	Itching
Haemolytic Jaundice	Lemon yellow	Normal	Normal	XX
Hepatic jaundice		High	Normal	
Obstructive jaundice	Greenish – yellow	High	Pale (acholic) / clay coloured stools	✓

➤ **Haemolytic Jaundice**

- H/o exertional dyspnoea , fatigue, Palpitation, Pallor - anaemia
- H/o blood transfusion – Transfusion dependent anaemia
- Abd.distension , Abd.pain - Splenomegaly
- Antimalarial drug intake – G6PD def
- Foot ulcer, chest, Bone pain – Sickle cell anaemia
- Oliguria, haematuria, diarrhoea, dysentery

➤ **Hepatocellular Jaundice- any H/o**

• **Infections**

a) Viral

- Hepatitis A
 - Prodrome : Anorexia , Fatigue
 - Fever – subsides- Jaundice
 - H/o contact
- Hepatitis B,C
 - H/o blood transfusion
- Others – CMV, IMN, Mumps, Measles, Rubella

b) Bacterial

- Leptospirosis
 - High fever , rigor
 - Conjunctival injection, myalgia
 - Bleeding tendency
- Enteric fever
 - Mild icterus
 - Constipation (1st week)
 - Diarrhoea (2nd week)
 - Complications (3rd week)
- Disseminated TB
 - h/o contact

c) Malaria

• **Malignancy**

- Loss of appetite
- Weight loss
- Haematological
 - Leukaemia
 - Bleeding manifestations
 - Lymphoma
 - Joint pain
 - Petechial rashes
 - Progressive pallor

• **Collage vascular d/s (PAN, Kawasaki d/s)**

- Rash
- Arthralgia

- **Drugs**
 - Paracetamol
 - Anti TB drugs

➤ **Obstructive Jaundice**

- Itching
- Cholangitis
 - Fever with rashes
 - Colicky pain

Edema

- Abdominal/ Pedal/ Facial puffiness – C/c liver failure
 - Bleeding manifestations – A/c liver failure
 - Altered sensorium
 - Sleep rhythm
- } fulminant hepatic failure
- Swelling of face
 - Onset – sudden / gradual
 - More in the morning?
 - First over the face & then on legs?
 - H/o decreased urine output , Blood in urine, Pain during micturition
 - H/o breathlessness , Palpitations, fever with joint pain & sore throat (CVS)
 - H/o yellowish discolouration of skin & mucous membrane, Blood in vomiting and High coloured urine (Hepatic)
 - H/o drug injection / Blood transfusion (HBV)
 - H/o symptoms /signs suggestive malnutrition
 - H/o of intake of drugs
 - NSAID
 - Penicillamine
 - Captopril

PAST HISTORY

- Any h/o similar illness in the past
- Previous hospitalization
- Any h/o vaccine preventable illness in the past
 - Measles
 - Mumps
 - TB
 - Pertussis
- Any h/o childhood infection, joint pain or sore throat (Rheumatic infn)

- H/o allergies, TB, asthma, jaundice, seizures, Diarrhoea

ANTENATAL HISTORY

- Consanguineous marriage
- Married since_____
- How many children
- Any infertility Rx
- Age at the time of pregnancy
- Booked case /not
- No of antenatal visits

1st trimester

- Fe & folic acid taken
- TT taken
- Hyperemesis
- Spotting PV
- Fever with rashes
- Close contact with cuts (Toxoplasmosis)
- Genital vesicles (Herpes)
- Drug intake
- X-ray exposure
- Results of HBsAg , VDRL

2nd trimester

- Time of quickening
- Weight gain
- Maternal illness
 - GHTN – IUGR
 - GDM – CHD
 - APH

3rd trimester

- Spotting PV
- Discharge
- H/o UTI
- Abdominal tenderness
- Ultrasound scan- number & any abnormalities
 - 9-11m : Danlos syndrome
 - 3rd trimester : IUGR
 - Ask Oligamnios – infection
 - Polyhydramnois- poor lung maturity

- Past obstetric history
 - Abortions
 - Neonatal death
 - NICU admissions
 - Any illness, complications

NATAL HISTORY

- Hospital delivery/ Home delivery
- Term /Pre term
- Normal Labour/ C.S – mention indication
- Labour pain – Spontaneous / Induced
- Instrumentation – forceps /vacuum

POST NATAL HISTORY

- Cried soon after birth (CSAB)
- Birth weight
- NICU admission needed /not
- Any O₂/ IV medication/ umbilical catheterization / Blood transfusion/ Phototherapy
- When breast fed? – ideally within ½ an hr / 4 hrs in CS
- When urine passed? – 48 hr
- When meconium passed? – 24 hrs
- Respiratory distress / jaundice/ seizures/ vomiting / poor feeding/ cyanosis
- Date of discharge from hospital – 3 days usually

IMMUNISATION HISTORY

- Fully immunized to date according to National immunisation schedule
- If not taken , why –
 - Lack of faith
 - Ignorance
 - ADR to previous doses
 - Lack of easy availability
 - Illness at the time of vaccination
- BCG scar seen
- Last vaccine taken
- Any optional vaccines taken –
 - MMR
 - Hib(now included under pentavalent in NIS)
 - Conjugate pneumococcal vaccine
 - Hepatitis B
 - Hepatitis A

- Varicella
- Typhoid
- Rotaviral vaccines (relevant in diarrhoea)

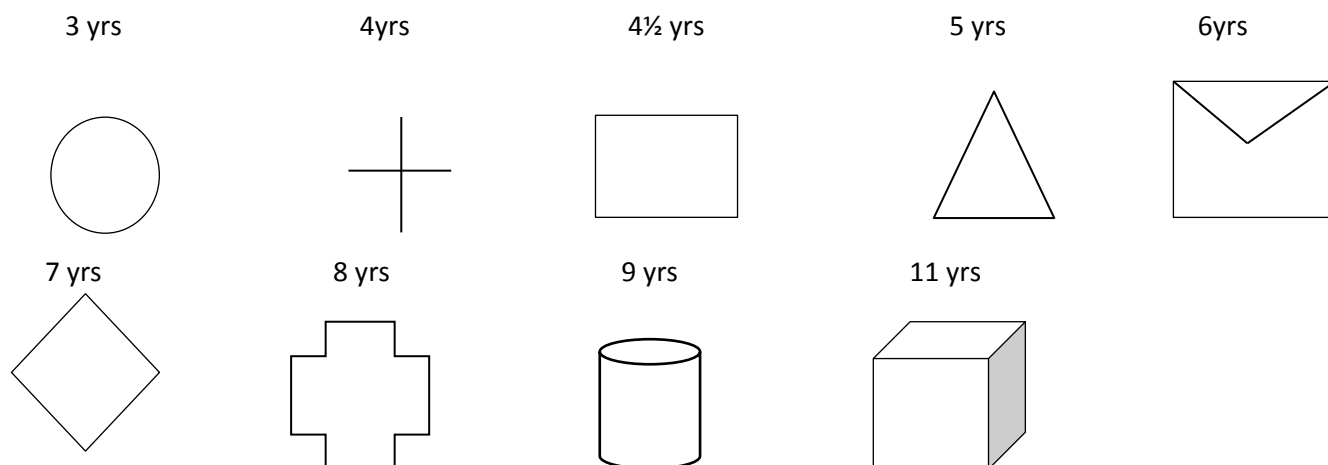
Age	National Immunizn Schedule
At birth	BCG, OPV (0), HBV (0 or birth dose)
6 weeks(1½ months)	DPT(1), OPV(1), HBV(1), Hib (1)
10 weeks (2½ months)	DPT(2), OPV(2), HBV(2), Hib (2)
14 weeks (3½ months)	DPT(3), OPV(3), HBV(3), Hib (3)
9 months	Measles, Vitamin A
15 months	MMR
18 months(1½ yrs)	DPT (1 booster) OPV (1 booster) Hib (1 booster) Measles (2nd dose if MMR not given)
5 yrs	DPT
10 yrs	TT
16 yrs	TT

DEVELOPMENTAL HISTORY

- No h/o developmental delay

	Gross motor	Fine motor	Social &adaptive	Language
1 month	-----	-----	-----	Alerts to sound
2 month	-----	-----	Social smile	-----
3 month	Neck holding	-----	Recognises mother	Koos (musical vowel sounds)
4 month	-----	Bidextous reach	-----	Lough loud
5 month	Rolls over	-----	-----	-----
6 month	Sits with own support(tripod)	Unidexrous reach; Transfer of objects	Recognizes strangers	Ba, da, pa- monosyllables
8 month	Sitting without support	-----	-----	-----
9 month	Stands with support	Immature pincer grasp	Waves bye bye	Mama, dada- bisyllables
12 month	Stands without support; Creeps well	Mature pincer grasp	Comes when called	1-2 words with meaning
15 month	Walks alone; Creeps upstairs	Imitates scribbling; Tower of 2 blocks	Jargon	-----
18 month	Runs ; Explores drawers	Tower of 3 blocks; Scribbles	Copies parents in task (eg sweeping)	8 – 10 word vocabulary
2 yrs	Walks up &downstairs (2 feet/step); Jumps	Tower of 6 blocks; Vertical circular stroke	Ask for food ,drinks, toilet ; Pulls people to show toys	2- 3 word sentences; Uses – I ,Me, You
3 yrs	Rides tricycle; Alternate feet going upstairs	Tower of 9 blocks ; Copies circle	Share toys; Knows full name& gender	Ask questions; Knows full name & gender

4 yrs	Hops on one foot; Alternate feet going downstairs	Bridge with blocks; Copies cross	Plays cooperatively in a group; Goes to toilet alone	Says song /poem; Tell stories
5 yrs	-----	Gate with blocks; Copies triangle	Helps in household tasks; Dresses & undresses	Ask meaning of words



Age - months	Gross motor	Fine motor	Social	Language
1 – 3	Head holding while prone	Coordinate head & eyes follow object	Social smile	Cooing sounds
3 – 6	Head control	Grasp object; Brings to mouth	Enjoy mirror	Vocalize vowels
6 – 9	Self-sitting	Hand transfer	Play , peek	Imitate speech
9 – 12	Self-standing Walking with support	Pincer grasp; Drinks from a cup	Waves bye bye specific	Dada ,mama
12 – 18 (1½ yrs)	Self-walking	Tower 2 -3 cubes; Scribble	Use spoon , house work	3 – 6 words
18 – 24 (2 yrs)	Runs, Walks up steps	Tower 4 -6 cubes; Imitates vertical lines	Removes & put on cloth	Point to body parts& pictures
24 – 36 (3 yrs)	Broad jump, Pedal tricycle	Tower 8 -9 cubes; Copy O	Group play	Name pictures; Give name
36 – 48 (4 yrs)	Balance on 1 foot	Copy +; draw a man	Dress & brush with no help Gender identity	Name colours
48 – 60 (5 yrs)	Hops, walks up step with alternate feet	Copy □ ; Cuts with scissors; Throw ball overhead	Locate persons places; Group play	Gives names & age; Tell a story

DIETARY HISTORY

- Exclusively breast fed/ not
- Complimentary feeding started at ____
- Breast feeding continued until ____
- Any food allergy
- Is diet rich in – fruits , Green leafy vegetables

- Child is getting ____ calories
 - Expected calories =
 - Deficit =
- Child is getting ____ gms of protein
 - Expected protein =
 - Deficit =
- Any diet modification advised

Item	Quantity	Kcal	Protein
Cooked rice	1cup	175	4
Uncooked rice	6tsp	100	2
Dosa	1	70	2
Idly	1	50	2
Chappathi	1	70	2
Puri	1	35	1
Uppuma	1 cup	250	2
Bread	1 slice	70	6
Pathiri	1	50	1
Porotta	1	100	3
Biscut	1	20	0.5
Puttu	1	50	2
Banana	1	100	1
Egg	1	80	6
Mutton	1	50	6
Beef	1	30	6
Fish	1 ounce (8-10pieces)	80	6
Mathi(sardine)	1	30	3
Cow's milk	100ml	70	3.5
Human milk	100 ml	70	1.5
Pappadam	1 tsp	20	0.5
Cooked dhal	1 tsp	8	0.5
Potato	50 g	40	0
Upperi	1 cup	10	0.5
Sambar	100 g	50	2.5
Fruits	100 g	60	0.5
Coconut	1 tsp	444	4.5
Sugar	1 tsp	20	0
Oil / Ghee	1 tsp	36	0
Lactogen	100 g (6 tsp)	100	2
Ragi	100 g (6 tsp)	100	3

Amritam	100 g (6 tsp)	130	3.5

REVISED ICMR RECOMMENDATION 2010

Age group	Calories	Protein
0 – 6 months	92 cal/kg/day	1.6g/kg/day
6 – 12 months	80 cal/kg/day	1.69 g/kg/day
1 – 3 yrs	1060	16.7 g/day
4 – 6 yrs	1350	20.1 g/day
7 – 9 yrs	1690	29.5 g/day
10 – 12 yrs	2190 (boys) 2010 (girls)	39.9 (boys) 40.4 (girls)
Male adult (sedentary/ moderate/ heavy work)	2030/2730/3490	60 g/day
Female adult (sedentary/ moderate/ heavy work)	1900/2230/2850	55 g/day
Pregnancy	+ 350 cal	82.2
Lactation	+ 600 cal	77.9

FAMILY HISTORY

- Age of patients at the time of conception
- Consanguinity
- Pedigree chart
- Similar illness in the family
- Chronic illness in the family
- Family custom / beliefs/ routine
- Any recent death in the family

Modified Kuppuswamy Scale of Social Classification

(A) Education		Score
1	Profession or honours	7
2	Graduate or postgraduate	6
3	Intermediate or post high school diploma	5
4	High school certificate	4
5	Middle school certificate	3
6	Primary school certificate	2
7	Illiterate	1
(B) Occupation		Score
1	Profession	10
2	Semi-profession	6
3	Clerical, shop-owner, farmer	5
4	Skilled worker	4
5	Semi-skilled worker	3
6	Unskilled worker	2
7	Unemployed	1
(C) Family Income per month (Rs) (modified for 2007)		Score
1	>19,575	12
2	9788-19,574	10
3	7323-9787	6
4	4894-7322	4
5	2936-4893	3
6	980-2395	2
7	<979	1
Total score	Socioeconomic class	
26-29	Upper (I): E.g., top business people, IAS, etc	
16-25	Upper middle (II): Professionals like doctors, engineers	
11-15	Lower middle (III): Trained workers like plumbers, electricians, etc	
5-10	Upper lower (IV): Untrained workers, i.e., manual labourer	
<5	Lower (V): No jobs (like street dwellers)	

SOCIOECONOMIC STATUS

- Occupation of parents
- Income
- Housing
- Own/ Rented
- Kutcha / Pukka
- No of rooms in the family
- Overcrowding
- Does kitchen smoke pollute inside the house
- Atmospheric pollution
- Any pets at home
- Source of drinking water? Sanitary well + Boiled/ Filtered
- Sanitary latrine

- Nearest Anganwadi – beneficiaries
- Financial support – RSBY
- Any h/o of developmental / metabolic disorders
- Any h/o neonatal deaths in the family

GENERAL EXAMINATION

I. General survey

- Conscious , Oriented , playful & active (Asthma)
- Drowsy / ill- looking/ tachypnoeic / dyspnoeic
- Anxious / dull & uninterested (kwashiorkor)/ restless (pain)
- Glasgow coma scale – if head injury

II. Vitals (express in even numbers)

a. Pulse

- Rate : ____/min on the right radial artery
- Rhythm
- Character
- Volume
- Peripheral pulses – felt equally on both sides
- Radio femoral delay

Age	Pulse rate
New born	120-160/min
Up to 1 yr	120/min
Up to 5 yrs	100/min
Up to 10 yrs	90/min
> 10 yrs	80/min

Tachycardia
New born : >200/min
Infants : >150/min
Old child : >120/min

b. Blood Pressure

✓ (CVS case : both upper limbs & lower limb)

____ mm of Hg in the right upper limb in the supine position using the appropriate cuff size

- Systolic BP = $90 + 2x$
-

c. Respiratory rate

- Rate : ____/min
- Rhythm : regular
- Type : Abdominothoracic
 - Upto 6 yrs – Male + female
 - > 6yrs - Male

- Accessory muscles not active

Age	Normal RR
New born	40/min
Up to 1 yr	30/min
Up to 5 yrs	20/min
Up to 10 yrs	18/min
> 10 yrs	18/min

Age	RR(Tachypnoea)
> 2 months	60 or more
2 – 12 months	50 or more
1 – 5 yrs	40 or more
> 5yrs	> 30

d. Temperature

- Normal = 37°C = 98.4°
- Evening = 37.7°C = 100°F
- Rectal > oral (1 min) > Axillary (3 min) [difference = 0.5°C = 1°F]

III. PICCLE

- Pallor
- Icterus
- Cyanosis
- Clubbing
- Lymphadenopathy
- Edema

IV. Anthropometry (Auxology)

a. Weight

- Birth – 3kg
- 5m - 6 kg
- 1 yr - 9 kg

- Newborns – loses weight during first 7 days
- 7 -10 days : regain
- Doubles : 4 months
- Triples : 1 year

Weight gain

- 1-3m : 30g/day:
- 4-6m : 20g/day
- 7-9m :15g/day
- 10-12m :12g/day

Formulas

- 3m-1yr : $\frac{(x+9)}{2}$
- 1-6 yrs : $2x + 8$
- 7-12 yrs : $\frac{(7x-5)}{2}$

IAP Classification of Malnutrition

Grade of PEM	% of weight expected for age
Normal	>80%
Grade I	71- 80 %
Grade II	61-70 %
Grade III	51-60 %
Grade IV	< 50
Post fix 'K' : if there is edema = kwashiorkor Eg grade IV K	

b. Height

- Birth- 50 cm
- 3m – 60 cm
- 6m – 65 cm
- 9m – 70 cm
- 1 yr – 75 cm
- 4 yrs – 100 cm

Weech formula (after 2 yrs – till 12 yrs)

$$6x + 77$$

WATERLOW CLASSIFICATION OF STUNTING

Degree of stunting	% height for age
No stunting	> 95 %
I Degree	90 – 95 %
II Degree	85 – 89 %
III Degree	< 85 %

c. Upper segment : lower segment ratio

UL : LL	Age
1.7 : 1	Newborn
1.6 : 1	1 Yr
1 : 1	7 – 10 yrs
0.9 : 1	Adult

d. Head circumference (2months increment – 4+3+2+1+1+1)

- Birth – 34 cm
- 2m – 38 cm
- 4m – 41 cm
- 6m – 43 cm
- 8m – 44 cm
- 10m – 45 cm
- 1 yr – 46 cm

Dine's formula

$$\left(\frac{\text{Length}}{2}\right) + 9.5 \pm 2.5$$

e. **Mid arm circumference** (6months – 5yrs)

- Midway b/n acromion & olecranon

MAC		Shakir tape
13.5	Normal	Green
12.5 – 13.5	Moderate PEM	Yellow
Below 12.5	Severe PEM	Red

f. **Chest circumference**

g. **Skin fold thickness**

h. **Arm span**

i. **Teeth**

j. **BMI**

V. **Assessment of Development**

VI. **Head to foot examination**

a. **Head**

- Microcephaly (reduction HC less than 3 SD)
- Macrocephaly (increase HC more than 2 SD)

b. **Hair & hair line**

- Hypopigmentation
- Sparseness
- Pediculosis
- Seborrhic dermatitis
- Low hairline – turner syndrome

c. **Fontanelle**

- McEwen's sign
- Anterior(closes at 7 – 19 months)
- Posterior (closes at 2 months)
 - Open in Down's syndrome

d. **Face**

- Dysmorphism
- Coarseness
- Mid- face hypoplasia
- Micrognathia
- Retrognathia
- Thick/thin lip
- Long philtrum
- Prominence of maxilla
- Hypoplasia of maxilla

e. **Eyes**

- Pallor
- Icterus
- Canthal index
- Hypertelorism
- Hypotelorism
- Upward / downward slant
- Mangoloid slant
- Microphthalmia
- Coloboma
- Synophrys
- Corneal clouding
- Cataract
- Nystagmus
- Strabismus
- Conjunctival congestion
- Evidence of vitamin deficiencies
- Sunken eyes (diarrhoea)
- f. Mouth**
 - Oral hygiene
 - Dentition
 - Tongue
 - Throat & tonsils
 - Cleft lip/ palate
 - High arched palate
 - Inverted V shaped upper lip
 - Number of teeth
 - Abnormal shape or colour of teeth
 - Evidence of vitamin deficiencies
- g. Tongue**
- h. Ears**
 - Anomalies
 - Low set ears
 - Pre auricular tag
 - Sinus
 - Discharge ear
- i. Nose**
 - Flat nasal bridge
 - Upturned nostrils
- j. Neck**
 - Short neck
 - Webbing
 - Low hairline
 - Lymph nodes
- k. Limbs**
 - Over – riding of fingers & toes

- Arachnodactyly
- Brachydactyly
- Polysyndactyly
- Clinodactyly
- Camptodactyly
- Short / long limbs
- Broad thumb
- Dystrophic nails
- Hypermobility of joints
- Arches of foot

l. Chest

- Pectus carinatum
- Pectus excavatum
- Absent pectoralis major
- Absent clavicle
- Wide spaced nipples
- Shield chest

m. Abdomen

- Distension
- Umbilical hernia
- Divarication of rectus muscle
- Dilated veins
- Skin turgor(diarrhoea)

n. Genitalia

- Hernia
- Hydrocele
- Micro penis
- Undescended testes
- Macro – orchidism
- Ambiguous genitalia
- Precocious puberty
- Phimosis

o. Spine

- Dimples
- Hairy patches
- Swellings
- Kyphosis
- Scoliosis
- Excess lordosis

p. Skin

- Changes suggestive of PEM
- Neurosubcutaneous markers
- Subcutaneous emphysema
- Skin turgor

SYSTEMIC EXAMINATION