**CWC – Questions for discussion**

1. What is the **Normal infant growth for:-**
2. HC - 35 cm at birth, 47 cm at 1 year of age
3. Length – Height (H) - 50 cm birth 75 cm at 1 year – 100 cm at 4 Years,
4. Weight (wt.)- at birth = 2.5 - 4 kg. At 4-6 months, birth weight doubles -At 1st year: birth weight triples, - 2nd year: birth weight quadruples
5. **Developmental Milestones**

**At 3/12** – Raise head & chest while lying on stomach.

**At 6/12** – Responds to their own names – Sits with & then without support on hands. Palmer grasp.

**At 1 Year** – Walks with support – Uses simple gestures e.g. shaking head to say ‘No’ or waving to say ‘BYE BYE’. – May speak simple words like ‘Mama & Dada’.

**At 2 Years** – Walks without support – Uses 2-4 ward sentences.

**At 3 Years** – Walks up & down stairs (one foot per stair step)

**At 4 Years** – Draws circles & squares. Dresses & undresses without help.

1. **Red Flags in infant development**

* Not rolling, Not reaching for & holding toys, Not starting to babble by 6 months
* Not siting unsupported, Can’t move toy from one hand to another, by 9 months
* Not walking without support, No clear words, not saying dada, mama or other names, not following one-step direction by 18 months
* Not pointing to pictures or body parts when named, Unable to run, Not use two-word phrases by 2 years
* Not running well or walking up or down stairs, Not following two-step direction by 3 years.

1. **New born Screening**

* Congenital heart defect - ≥ 4 of age or before discharge – Pulse oximetry.
* Hip dysplasia - Barlow and Ortolani tests – Explain these tests.

1. **Immunization**

**At birth:-** Hep B

**At 6/12**:- BCG – OPV

**At 9/12**:- Measls – MCV4

**AT 1Year**:- MMR

**At 18 Months**:- Hep A – Varicella.

1. **What are the Cis to vaccine?**