

The normal child:

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It is the child who is apparently normal regarding growth and development.

Normal growth:

Growth includes three parameters , weight , height and head circumference

Weight: the normal increment in weight in children is as follow:

At birth : 2.5-4.5 kg

At 6 months: double birth weight

At 12 months: triple the birth weight

At 2 years age : Quadruple birth weight

Then after 10 gm/day

Height: the normal increment in height in children is as follow:

At birth : 50 cm

At 1 year : 75 cm

At 2 year: 85 cm

At 4 year : 100 cm

Then after that 6 cm/year

At adolescent period 8 cm/year

Head circumference: the normal increment in head circumference ( OFC) in children is as follow:

At birth : 35 cm

During the first three months of life the normal increment in OFC is 2cm/month

During the second three months of life the normal increment in OFC is 1cm/month

During the second 6 months of life the normal increment in OFC is 0.5cm/month

Then the OFC increase 10 cm for the rest of the life

## Development:

The development means the skills or mile stones that the baby can do at certain age.

Development includes 6 items:

- gross motor skills: like the time the baby can sit, stand , walk or run.

- fine motor: the time the baby can do the fine works like writing

- hearing: includes the normal development of hearing.

- vision: includes the normal development of vision.

- speech: includes the normal development of speech like the time the baby talk one word, then tow words the phrase etc.

- social development: includes the normal development of social interactions like knowing strangers , or respond to name or respond to no.