

Boys in utero 24-42 weeks & post natal 0-3 years

Surname _____

Identification No. _____

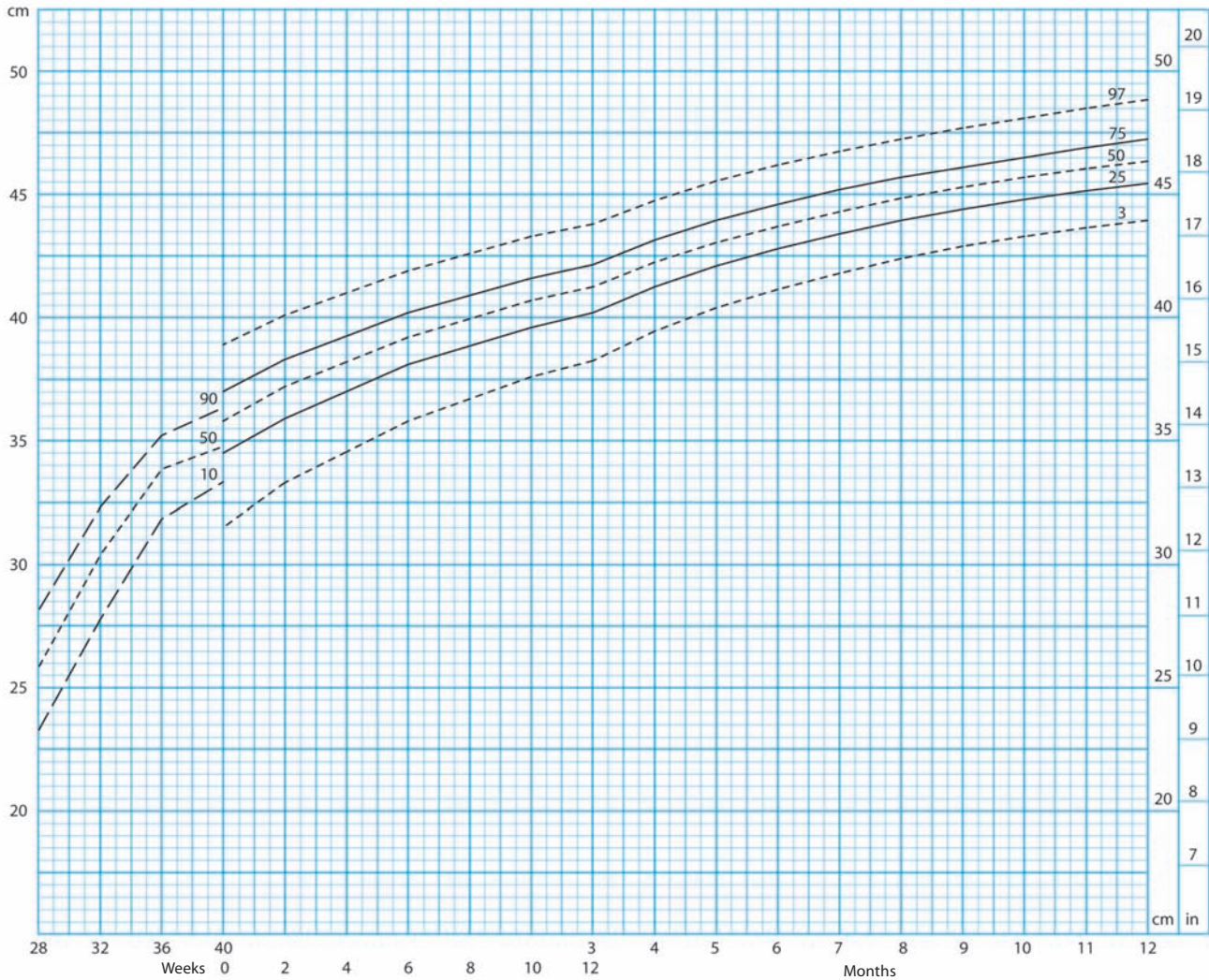
Given Names _____

Date of Birth _____

Head Circumference

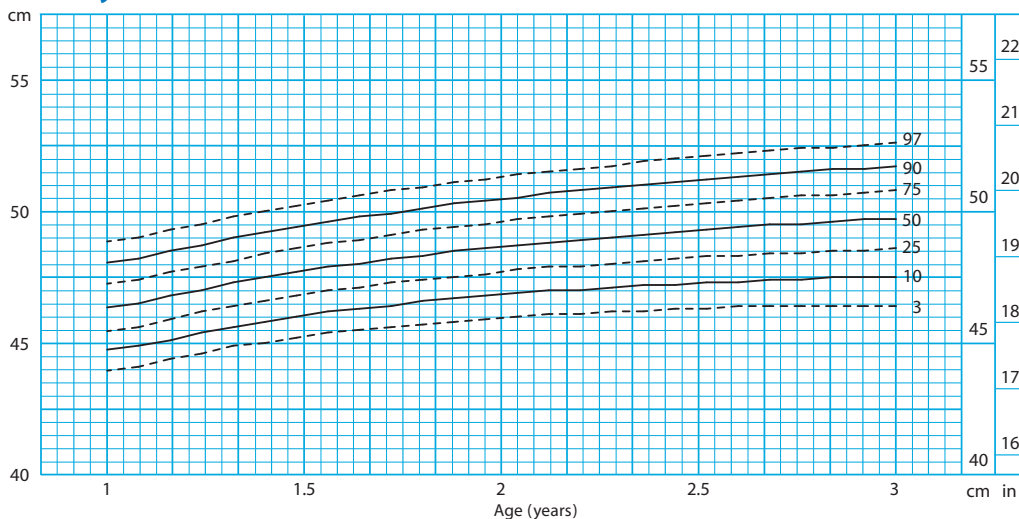
Measuring Technique: The tape should be placed over the eyebrows, above the ears and over the most prominent part of the occiput taking a direct route. A paper tape is preferable to plastic, which stretches unacceptably under tension. The maximum measurement should be recorded to the nearest 0.1 cm.

In utero 28-40 weeks, 0-12 months



Data Source: Head circumference 28-40 weeks gestation from Kitchen, W.H. Aust. Paediatr. J. (1983) 19:157-161). Head circumference 0-3 years from www.cdc.gov/nchs/about/major/nhanes/growthcharts/datafiles.htm

1-3 years



Data Source: www.cdc.gov/nchs/about/major/nhanes/growthcharts/datafiles.htm

Length Percentile for Boys 0-3 years

Mother's Height

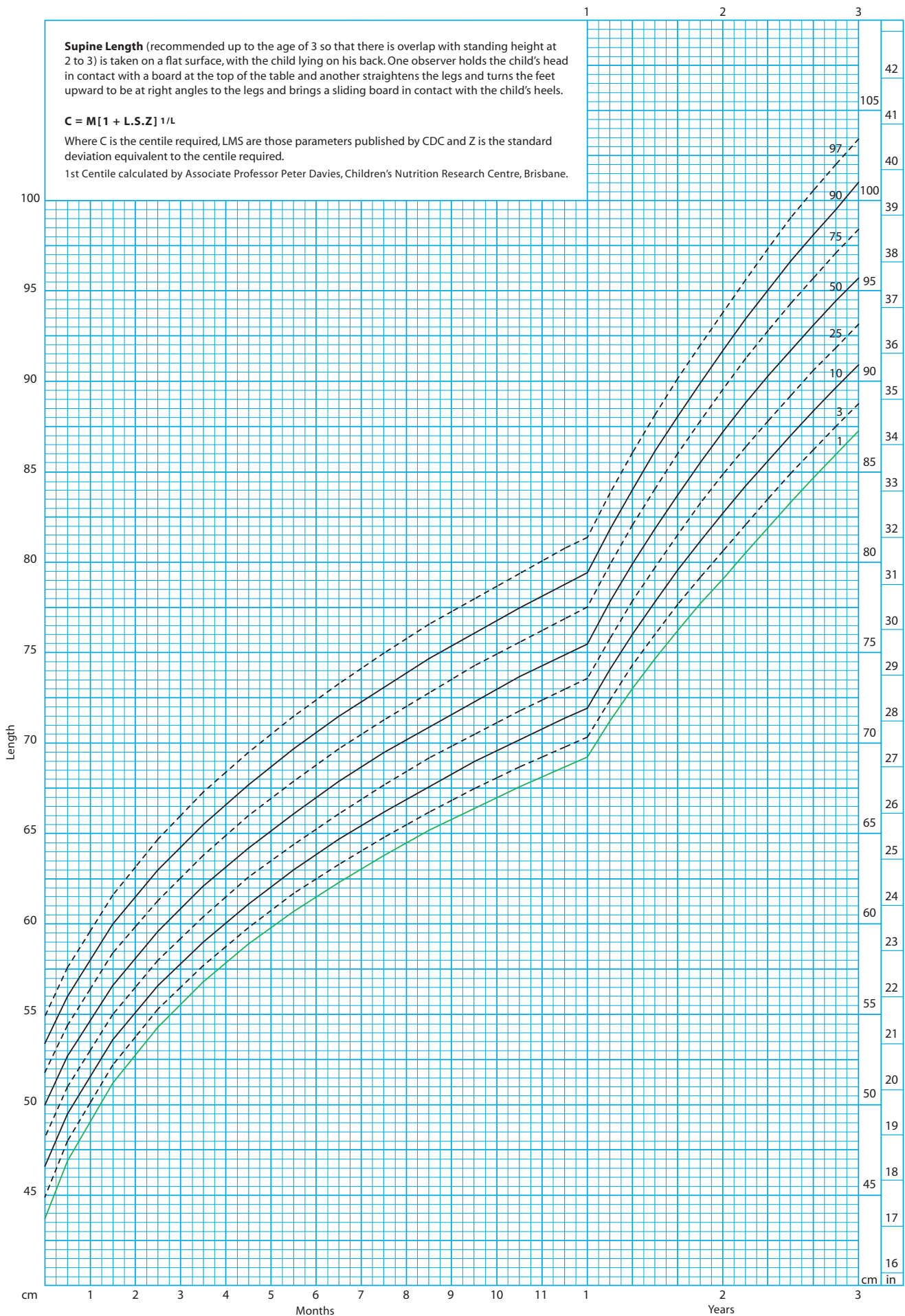
Father's Height

Supine Length (recommended up to the age of 3 so that there is overlap with standing height at 2 to 3) is taken on a flat surface, with the child lying on his back. One observer holds the child's head in contact with a board at the top of the table and another straightens the legs and turns the feet upward to be at right angles to the legs and brings a sliding board in contact with the child's heels.

$$C = M[1 + L.S.Z]^{1/L}$$

Where C is the centile required, LMS are those parameters published by CDC and Z is the standard deviation equivalent to the centile required.

1st Centile calculated by Associate Professor Peter Davies, Children's Nutrition Research Centre, Brisbane.



Weight Percentile for Boys 0-3 years

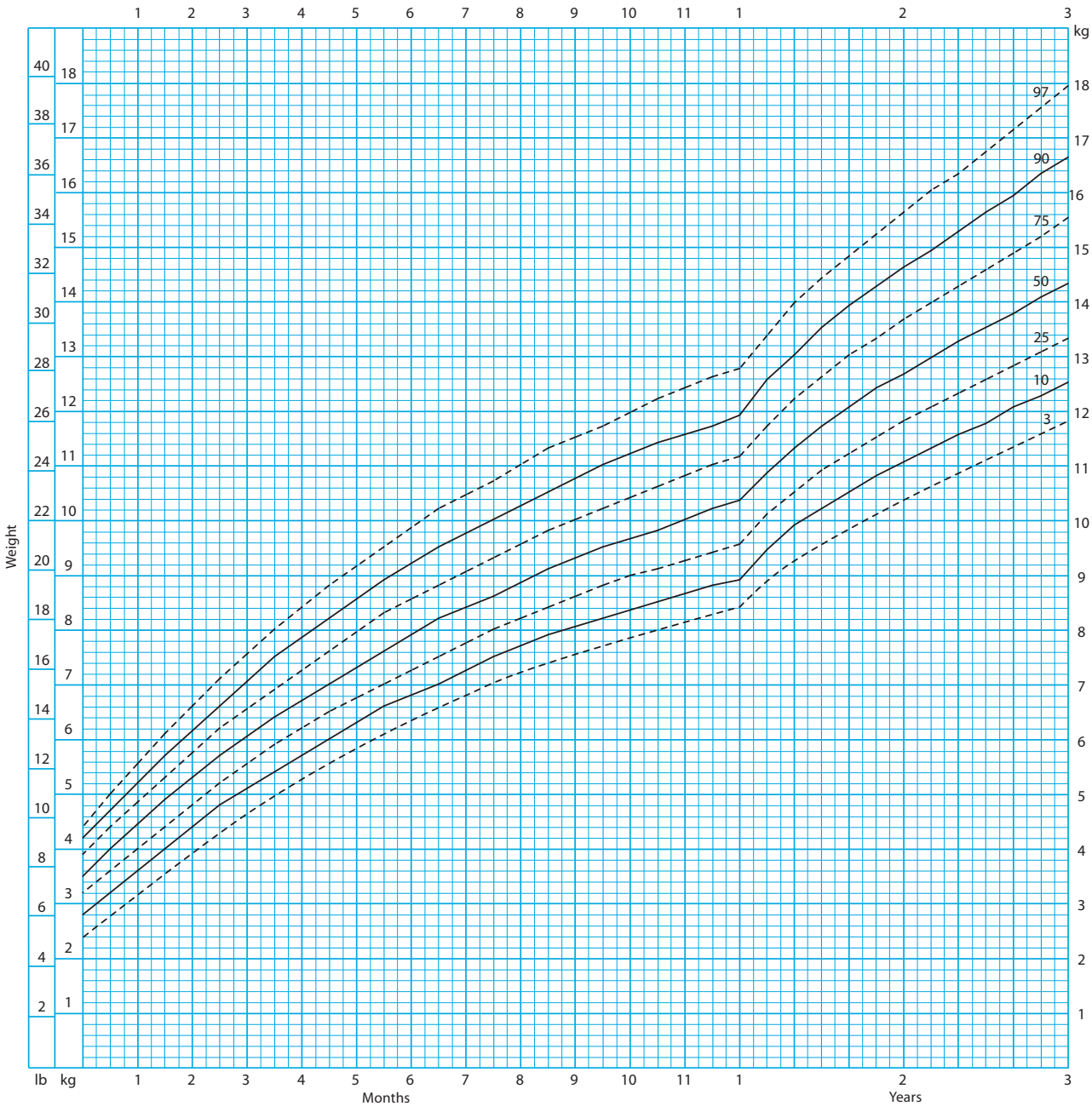
Weight should be taken in the nude, or as near thereto as possible. If a surgical gown or minimum underclothing (vest and pants) is worn, then its estimated weight (about 0.1 kg) must be subtracted before weight is recorded. Weights are conventionally recorded to the last completed 0.1 kg above the age of six months. The bladder should be empty.

DATE	AGE	LENGTH	WEIGHT	HEAD CIRCUM.

Simplified Calculation of Body Surface Area (BSA)

$$BSA (m^2) = \sqrt{\frac{Ht (cm) \times Wt (kg)}{3600}}$$

Reference: Mosteller, R. D. 1987, 'Simplified calculation of body surface area', *N. Engl. J. Med.*, 317:1098.



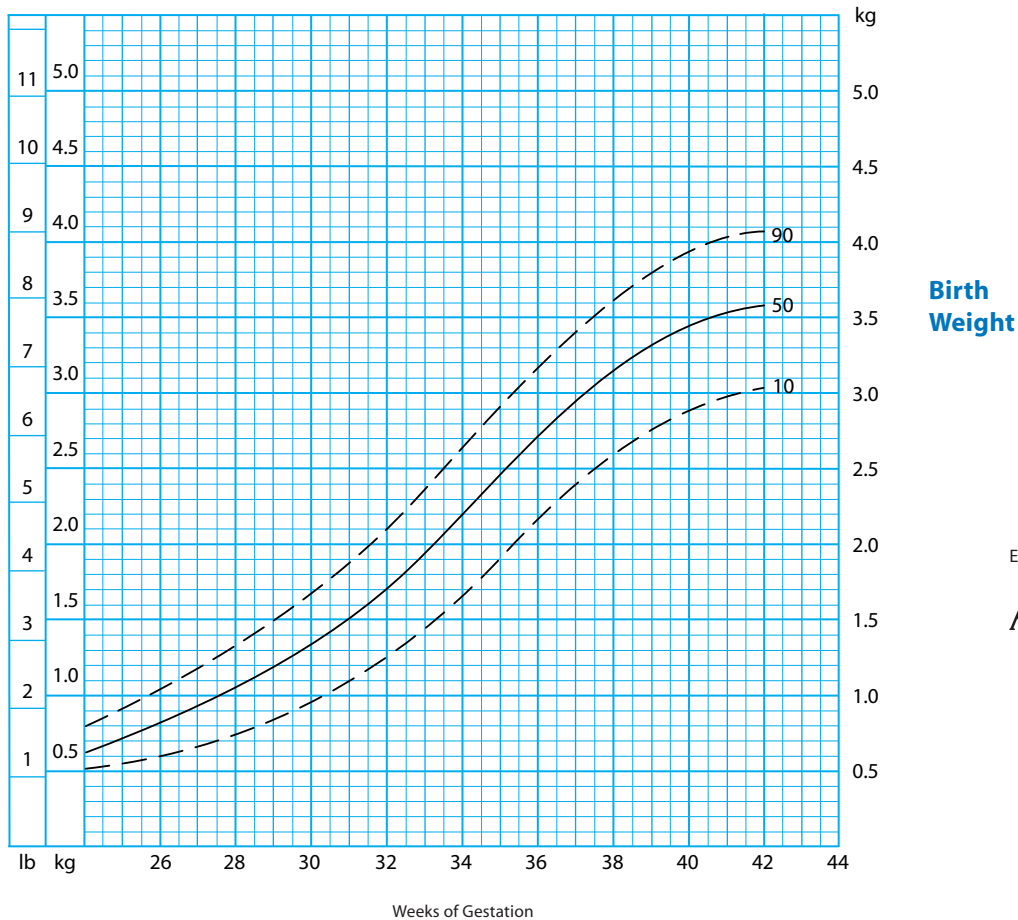
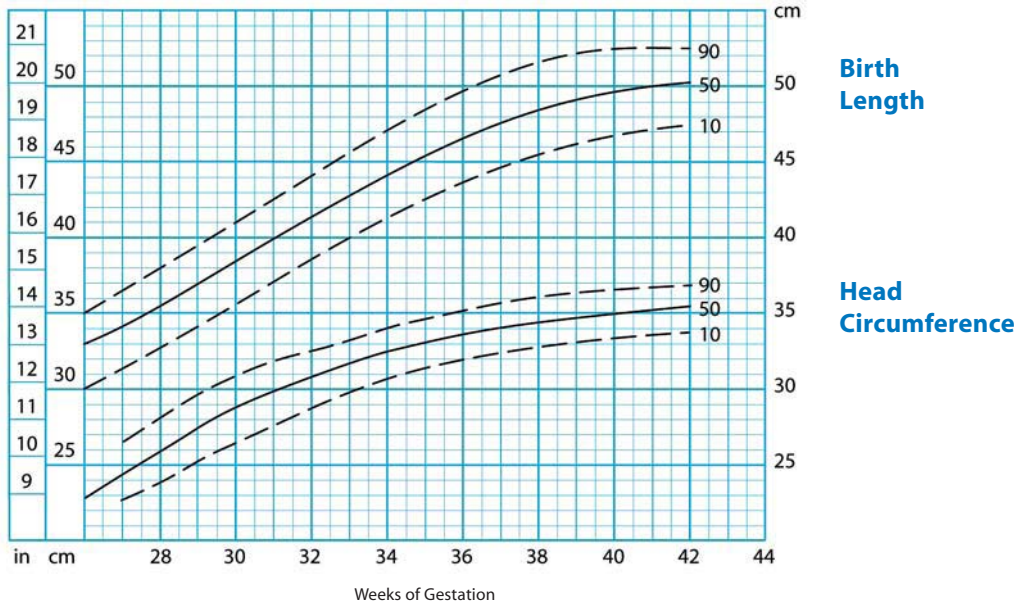
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Intrauterine Growth Curves (Composite Male/Female)

Measuring Technique: As for ages 0-36 months (see previous pages).

Additional Notes: Gestational ages are recorded in completed weeks from the first day of the mother's last menstrual period. Foetal growth is influenced by many factors including age, body weight, height, parity, ethnic origin of the mother and sex of the foetus. Corrections for some of these factors are found in the quoted reference.

Data Source: Kitchen, W. H. et al. 1983, 'Revised intrauterine growth curves for an Australian hospital population', *Aust. Paediatr. J.* 19:157-161.



Endorsed By

Australasian Paediatric Endocrine Group