

## Case study 1

A woman who booked early and attended an antenatal clinic regularly, delivers an infant at a primary care clinic. She is 39 weeks by dates and the infant appears to be of normal size. The birth weight is 3100 g. Length 49cm and COH 33.5cm.

1. Why should this infant be weighed?

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2. Should you assess this infant's gestational age? Why?

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3. Should you plot this infants weight, length and COH using a growth chart? Why?

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4. How would you classify this infant by its weight and gestational age?

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5. Are all infants who weigh 3100 g born at term? Explain your answer.

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## Case Study 2

A women delivered a baby boy by emergency caesarian section an hour ago. The mother was unbooked and is unsure of her dates. By symphysis fundal height (SFH) you had assessed the approximate gestational age to be 37 weeks. The birth weight is 2250g. Length 47cm and COH 32cm.

1. Please plot these measurements on the Intergrowth International Standards for Size at birth (Boys) Growth chart and describe your findings.

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2. How would you classify this infant?

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3. Is this better or worse than symmetrical growth restriction? Why?

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4. What problems is the baby at risk for developing?

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5. Should you assess this infant's gestational age? Why?

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The mother develops a temperature on Day 2 and is diagnosed with puerperal sepsis and needs to remain in hospital for antibiotic treatment. You weigh the baby on Day 4. Its weight is 2140g. Th baby is sucking well and all other assessments are normal.

1. Please plot this weight on the Intergrowth International Standards for Size at birth (Boys) Growth chart and describe your findings.

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2. How would you counsel the mother?

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The baby is seen at the clinic 10 days after birth. He weighs 2280g. Length 48.5cm and COH 33.5cm. The baby is active and all other assessments are normal. Mother reports that the baby is sucking well approximately every 3hrs.

1. Please plot this weight on the Intergrowth International Standards for Size at birth (Boys) Growth chart and describe your findings.

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2. How would you counsel the mother?

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