A 12-month-old boy is brought to the pediatrician for a routine well-child visit. He was born at 39 weeks gestation. Birth weight was 3.4 kg (7 pounds 8 ounces) and length was 50.8 cm (20 inches). He was primarily breastfed until last week, when he was transitioned to cow's milk. The child can feed himself small pieces of table food with his thumb and first finger and drinks from a sippy cup. His only words are "mama," "dada," "doggy," and "teddy." His parents are concerned about his growth because some children at his daycare center seem taller. The child weighs 10.5 kg (23 lb) and is 76.2 cm (30 in) tall. On examination, he can pull up to stand and can take 3-4 steps independently. He cannot walk backwards. He comes to his parents when called by name but does not speak during the examination. Which of the following is the most appropriate assessment of this child's development?

	Growth	Motor	Language
A.	Delayed	Delayed	Delayed
B.	Delayed	Delayed	Normal
C.	Delayed	Normal	Delayed
D.	Delayed	Normal	Normal
E.	Normal	Delayed	Delayed
F.	Normal	Delayed	Normal
G.	Normal	Normal	Delayed
H.	Normal	Normal	Normal

Submit

A 12-month-old boy is brought to the pediatrician for a routine well-child visit. He was born at 39 weeks gestation. Birth weight was 3.4 kg (7 pounds 8 ounces) and length was 50.8 cm (20 inches). He was primarily breastfed until last week, when he was transitioned to cow's milk. The child can feed himself small pieces of table food with his thumb and first finger and drinks from a sippy cup. His only words are "mama," "dada," "doggy," and "teddy." His parents are concerned about his growth because some children at his daycare center seem taller. The child weighs 10.5 kg (23 lb) and is 76.2 cm (30 in) tall. On examination, he can pull up to stand and can take 3-4 steps independently. He cannot walk backwards. He comes to his parents when called by name but does not speak during the examination. Which of the following is the most appropriate assessment of this child's development?

	Growth	Motor	Language	
A.	Delayed	Delayed	Delayed	[1%]
B.	Delayed	Delayed	Normal	[1%]
C.	Delayed	Normal	Delayed	[2%]
D.	Delayed	Normal	Normal	[9%]
E.	Normal	Delayed	Delayed	[1%]
F.	Normal	Delayed	Normal	[1%]
G.	Normal	Normal	Delayed	[8%]
✔ H.	Normal	Normal	Normal	[78%]

Proceed to Next Item

Explanation:

User Id: [redacted]

Developmental milestones during first year of life

Explanation:

User Id: [redacted]

Developmental milestones during first year of life				
Age (months)	Gross motor	Fine motor	Language	Social/cognitive
2	• Lifts head/chest in prone position	• Hands unfisted 50% of the time • Tracks past midline	• Alerts to voice/sound • Coos	• Social smile • Recognizes parents
4	• Sits with trunk support • Begins rolling	• Hands mostly open • Reaches midline	• Laughs • Turns to voice	• Enjoys looking around
6	• Sits momentarily propped on hands (unsupported by 7 months)	• Transfers objects hand to hand • Raking grasp	• Responds to name • Babbles	• Stranger anxiety
9	• Pulls to stand • Cruises	• 3-finger pincer grasp • Holds bottle or cup	• Says "dada," "mama"	• Waves "bye" • Plays pat-a-cake
12	• Stands well • Walks first steps independently • Throws ball	• 2-finger pincer grasp	• Says first words	• Separation anxiety • Comes when called

©UWorld

Every well-child visit should include a thorough assessment of growth and development as delays can signify a serious medical problem (eg, malabsorption, brain tumor) that may require prompt diagnosis and treatment. Normal growth involves periods of rapid increase in weight and length ("growth spurts"), especially during the first 6 months of life. By age **12 months**, a child's **weight** should **triple** and **height** should **increase by 50%**. Major developmental milestones of the first year of life are shown in the table. Other 12-month milestones include following a one-step command accompanied by a gesture, imitating an action, and cooperating with dressing of clothes. These parents should be reassured that their son is growing and developing normally. The child may not demonstrate full language abilities at the physician's office due to shyness in an unfamiliar environment.

	support • Begins rolling	open • Reaches midline	• Turns to voice	around
6	• Sits momentarily propped on hands (unsupported by 7 months)	• Transfers objects hand to hand • Raking grasp	• Responds to name • Babbles	• Stranger anxiety
9	• Pulls to stand • Cruises	• 3-finger pincer grasp • Holds bottle or cup	• Says "dada," "mama"	• Waves "bye" • Plays pat-a-cake
12	• Stands well • Walks first steps independently • Throws ball	• 2-finger pincer grasp	• Says first words	• Separation anxiety • Comes when called

©UWorld

Every well-child visit should include a thorough assessment of growth and development as delays can signify a serious medical problem (eg, malabsorption, brain tumor) that may require prompt diagnosis and treatment. Normal growth involves periods of rapid increase in weight and length ("growth spurts"), especially during the first 6 months of life. By age **12 months**, a child's **weight** should **triple** and **height** should **increase by 50%**. Major developmental milestones of the first year of life are shown in the table. Other 12-month milestones include following a one-step command accompanied by a gesture, imitating an action, and cooperating with dressing of clothes. These parents should be reassured that their son is growing and developing normally. The child may not demonstrate full language abilities at the physician's office due to shyness in an unfamiliar environment.

Educational objective:
By age 12 months, a child's weight should triple and height should increase by 50%. Developmental milestones include walking independently, using a 2-finger pincer grasp, saying a few words other than "mama" and "dada," and imitating the actions of others.

References:

1. **Shifts in percentiles of growth during early childhood: analysis of longitudinal data from the California Child Health and Development Study.**
2. **Parent perception of healthy infant and toddler growth.**

Time Spent: 2 seconds Copyright © UWorld Last updated: [09/12/2016]