

Cleft Lip and Palate Case Study

S.G. is a 6-month-old girl who is scheduled for sequential repair of her cleft lip (cheiloplasty) and palate (palatoplasty). She has recently been adopted from China and her past medical history is unknown. S.G. is scheduled for her cleft lip repair, and Mrs. G. brings her to the same-day surgery unit the week before for her preoperative workup. As you do her workup, you recognize that care of the child with clefting uses a multidisciplinary approach.

1. Discuss additional health problems for which these patients are at risk and who on the craniofacial team would address each issue:
 - a. **Audiologist:** Will be used to address eustachian tube dysfunction and hearing loss.
 - b. **Orthodontist:** S.G. might have missing or malpositioned dentition that interferes with speech or feeding.
 - c. **Plastic Surgeon:** Will be used to address the surgical repair of the CL/CP.
 - d. **Occupational and Speech Therapist:** Will work on avoidance or correction of speech patterns usually related to cleft palate and feeding issues.
 - e. **Pediatrician:** Will address the overall health status of the patient.
 - f. **Otolaryngologist:** Will address any issues regarding S.G.'s Ears, Nose, and Throat. Since she is at a higher risk for ear infections and hearing loss it is important to assess these functions.
 - g. **Social Work:** Can be used to provide needed services for the family and infant if needed.
 - h. **Nurse:** Will be responsible for taking care of S.G. once she is out of surgery. Will routinely monitor her for post-op complications.
2. S.G. weighs 6.5 kg. Plot this finding on the Centers for Disease Control and Prevention (CDC) growth chart (see <http://www.cdc.gov/growthcharts/data/set1clinical/cj411018.pdf>). Which of these statements best summarizes your findings?
 - a. a. S.G. falls below the 5th percentile.
 - b. **b. S.G.'s weight is at or near the 25th percentile.**
 - c. c. S.G.'s weight is at or near the 75th percentile.
 - d. d. S.G.'s weight is greater than the 95th percentile.
3. What information regarding her health history will you obtain from her mother? (Select all that apply and explain your rationale.)
 - a. **Current known health status**
 - i. Since S.G. was adopted her health providers must know her current health status. This will help them to determine if she has any ongoing illness or medical issues that were not documented beforehand.
 - b. **Current source of feeding**
 - i. Because S.G. has a cleft lip and palate it is important to know how her parents are currently feeding her. Since feeding an infant with CL/CP can be challenging, the doctors should know which method her parents use in

Evolve Cleft Lip Case Study Answers

M Carnoy



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