

Appendix 4. Unilateral Cleft Lip Repair Competency Assessment Tool

		1	2	3	Sum/Max
MARKING A CLEFT LIP REPAIR					
1	Correctly identify anatomic landmarks				
2	Mark appropriate peaks of Cupid's bow on the greater and lesser segments				
3	Design greater segment incision(s) to create a symmetric Cupid's bow				
4	Preserve excess vermilion on the lesser segment to augment deficient vermilion on the greater segment				
Marking Subtotal					/12
PERFORMING A CLEFT LIP REPAIR					
5	Atraumatic tissue handling				
6	Avoid unnecessarily retaining or over-resecting tissue				
7	Dissect orbicularis oris muscle and free it's abnormal attachments				
8	Inferiorly reposition greater segment so the peaks of Cupid's bow are symmetric				
9	Fully mobilize the lesser segment lip and alar base				
10	Avoid over-dissection or under-dissection				
11	Repair the oral mucosa				
12	Repair the orbicularis oris muscle avoiding deficiency or excess bulk				
13	Close the nasal floor mucosa				
14	Appropriate suture choice and precise cutaneous repair to minimize scarring				
Performing Subtotal					/30
IMMEDIATE POST-OPERATIVE RESULT					
15	Symmetric appearance of the peaks of Cupid's bow and philtral height				
16	Continuity of the vermilion-cutaneous junction and white roll				
17	Smooth contour of the lip margin				
18	Symmetry of the nasal tip, alar position, and nares				
Result Subtotal					/12
TOTAL SCORE					/54

Grading scale for all items:

- 1—performed incorrectly or not at all
- 2—performed somewhat correctly
- 3—performed correctly, acceptable for an attending surgeon