

Endoscopic Laryngeal Suturing Objective Structured Assessment of Technical Skills (ELS-OSATS)

Task-Specific Performance

	1 Requires Instruction and Demonstration	2 Requires Assistance; with Errors	3 Independent; with Errors	4 Independent , No Errors	5 Independent and Efficient	N/A Not Applicable
Instrument Handling	1	2	3	4	5	N/A
Suture Throws						
a. Appropriate tissue tension and support	1	2	3	4	5	N/A
b. Appropriate placement (depth/ position)	1	2	3	4	5	N/A
Knot Tying	1	2	3	4	5	N/A
Use of Knot Pusher	1	2	3	4	5	N/A

Global Operative Performance

Instrument Handling	1 Repeatedly makes tentative or awkward movements	2	3 Competent use of instruments but occasionally stiff or awkward	4	5 Moves fluidly with instruments and no awkwardness
Respect for Tissue	1 Uses unnecessary force or causes damage by inappropriate use of instruments	2	3 Careful handling of tissue but occasional inadvertent damage to tissue	4	5 Consistently handles tissues appropriately w/ minimal damage
Time and Motion	1 Many unnecessary moves	2	3 Efficient time/motion but some unnecessary moves	4	5 Clear economy of movement & maximum efficiency
Knowledge of Specific Procedure	1 Deficient knowledge & needs instruction at all steps	2	3 Knows all important steps of operation	4	5 Demonstrates familiarity w/all aspects of operation
Flow of Operation	1 Frequently stops and unsure of next move	2	3 Some forward planning with reasonable progression	4	5 Obviously planned course of operation with effortless flow
Overall Surgical Performance	1 Poor performance	2	3 Performs majority acceptably	4	5 Outstanding performance