

“EFFECTIVENESS OF OMEGA INCISION SINGLE-PORT SLEEVE GASTRECTOMY: A RETROSPECTIVE ANALYSIS ”

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BACKGROUND

SPSG has been proposed as a minimally invasive alternative to conventional multiport approaches.

Objective: To describe our standardized Omega-incision SPSG technique and evaluate its perioperative safety and 12-month weight-loss outcomes in a single-center cohort.

METHODS

Retrospective study

n = 61

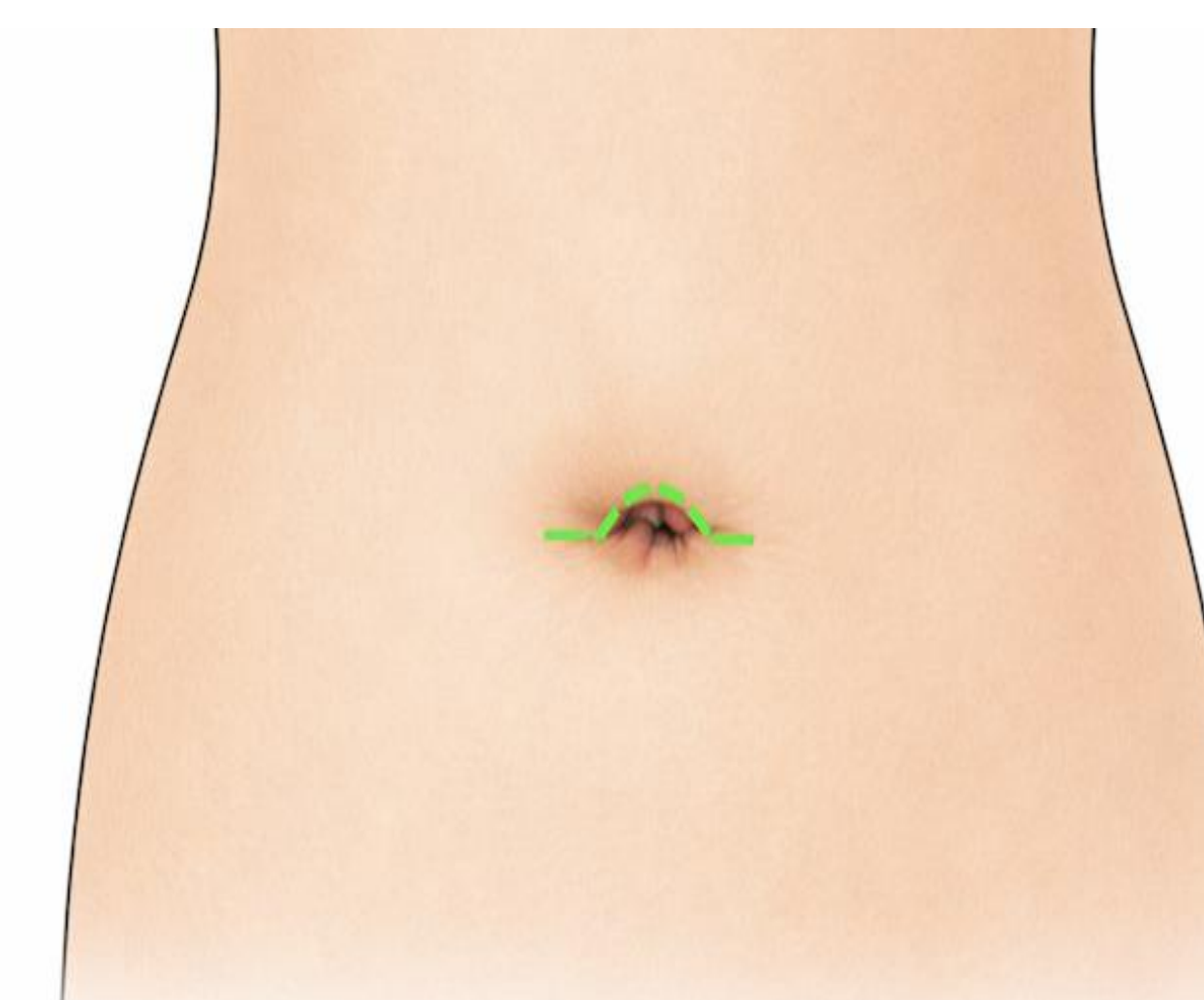
ASMBS criteria

January 2023-2024

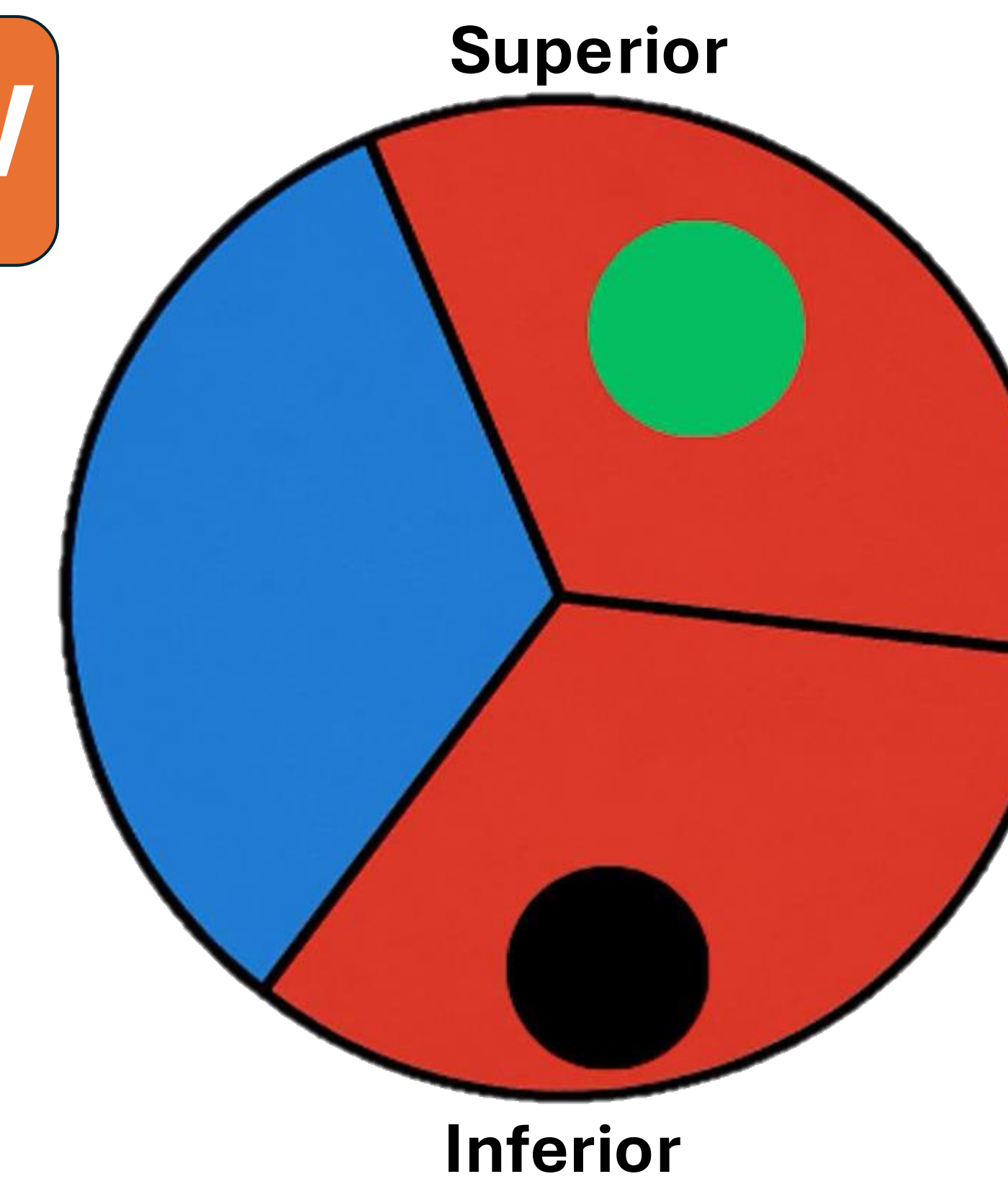
Follow-up: 3, 6, 12 months

Statistical analysis: ANOVA

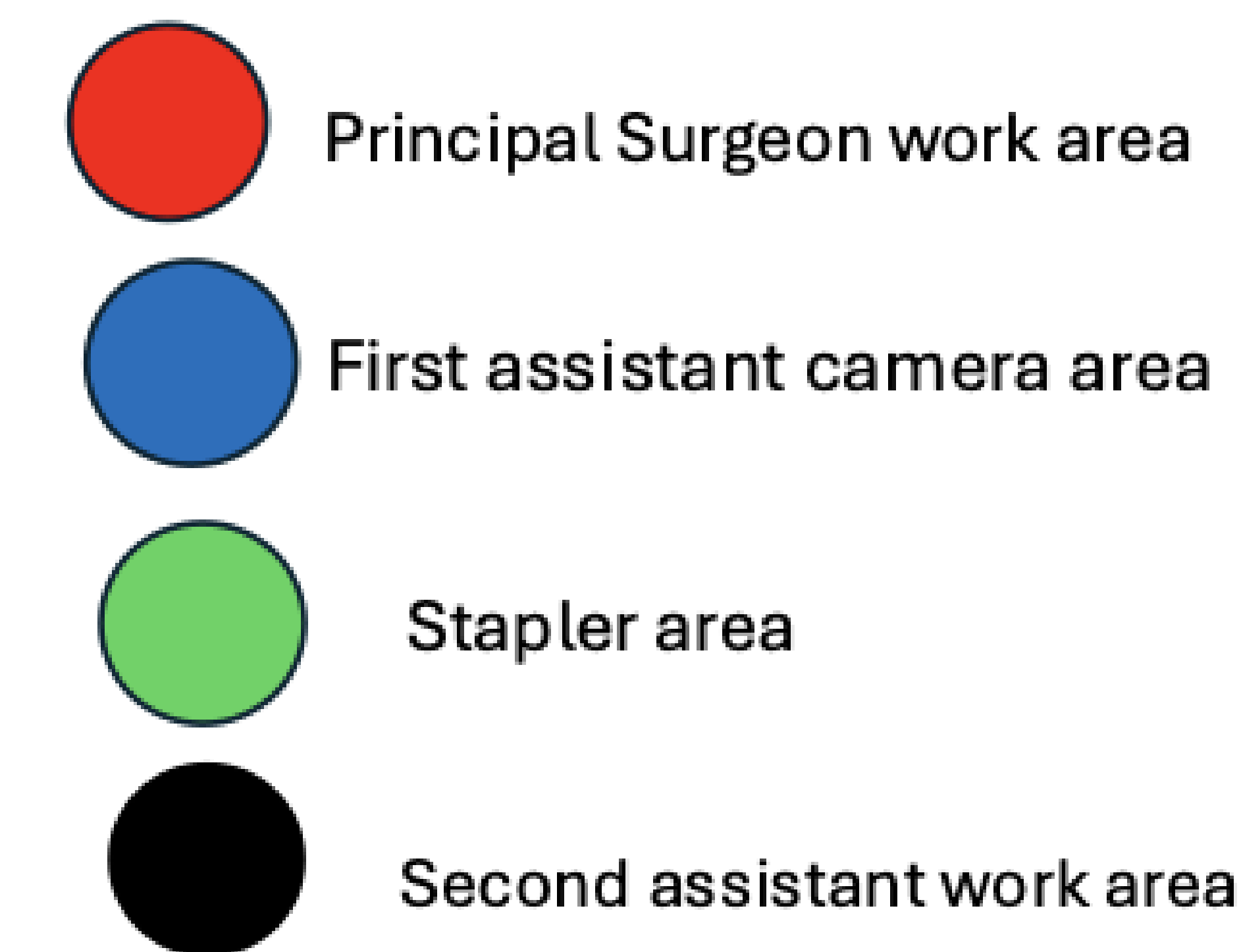
SERRANO's VIEW



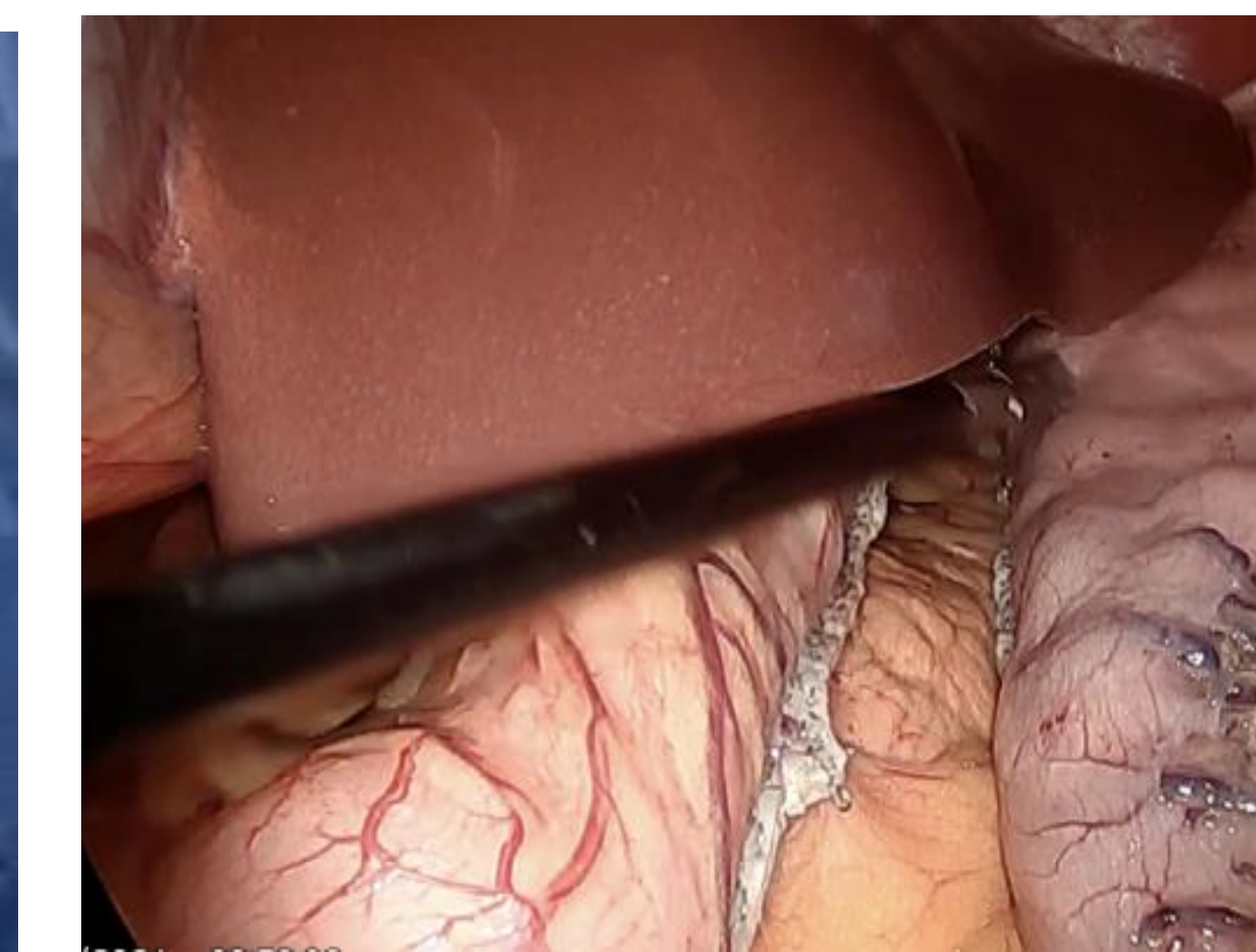
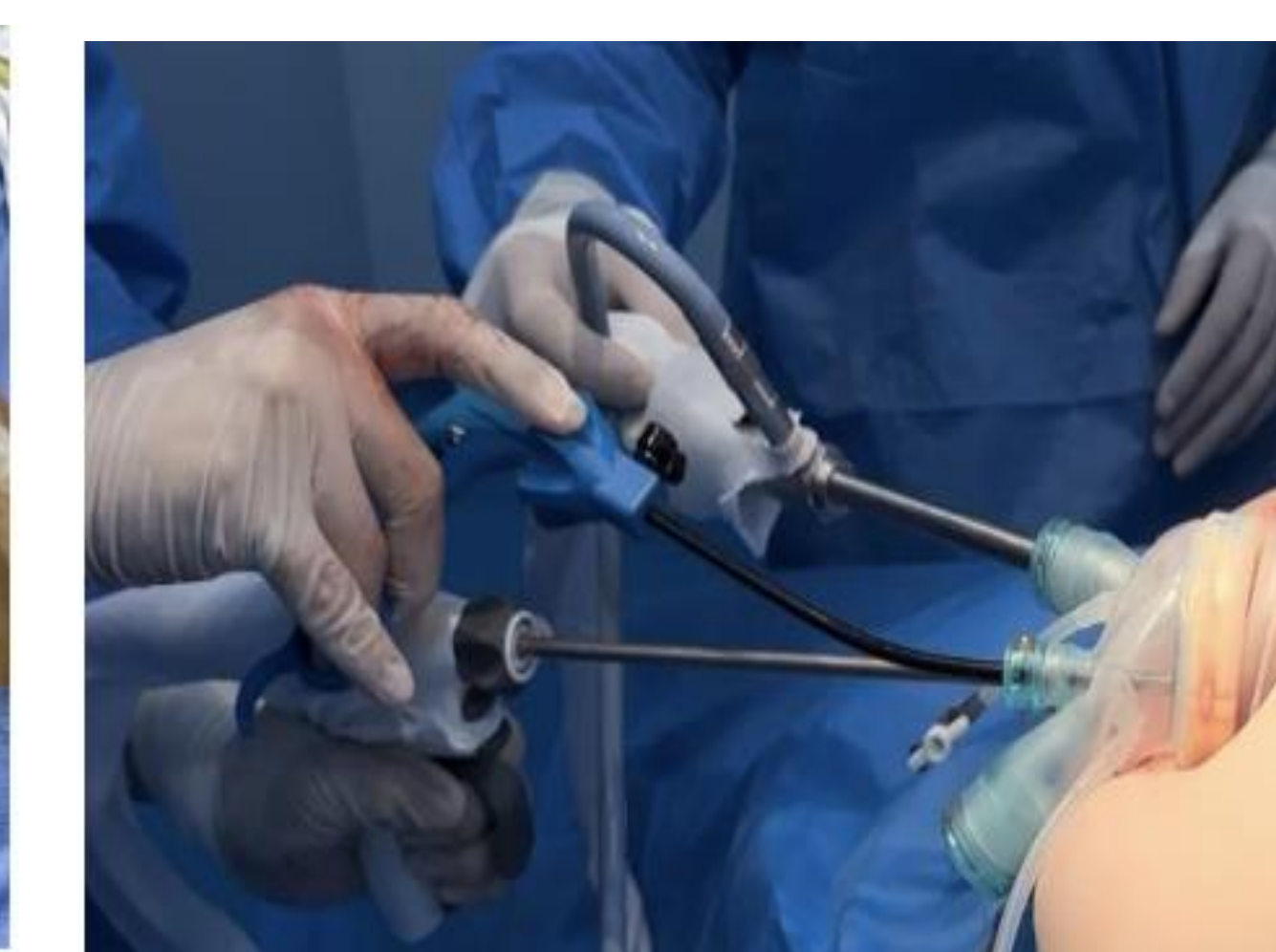
Left



Right



Inferior



Variable	Total (n=61)	Complication	N (%)
Age	35.83 ± 8.72	SSI	1 (1.64%)
Surgery Time	77.39 ± 23.86	Wound Dehiscence	1(1.64%)
BMI	35.67 ± 4.47	Bleeding	1 (1.64%)
Leak	0 (0%)	2nd Surgery	1(1.64%)

	3 months	6 months	12 months	P Value
Weight	81.53 ± 13.11	73.43 ± 10.93	66.24 ± 10.13	0.000
BMI	30.81 ± 4.42	27.77 ± 3.85	25.70 ± 3.48	0.000
%EWL	40.12 ± 21.31	64.29 ± 23.10	91.80 ± 14.17	0.001

CONCLUSION

Omega incision SPSG demonstrated significant weight reduction with low morbidity and no staple-line leaks in this series.