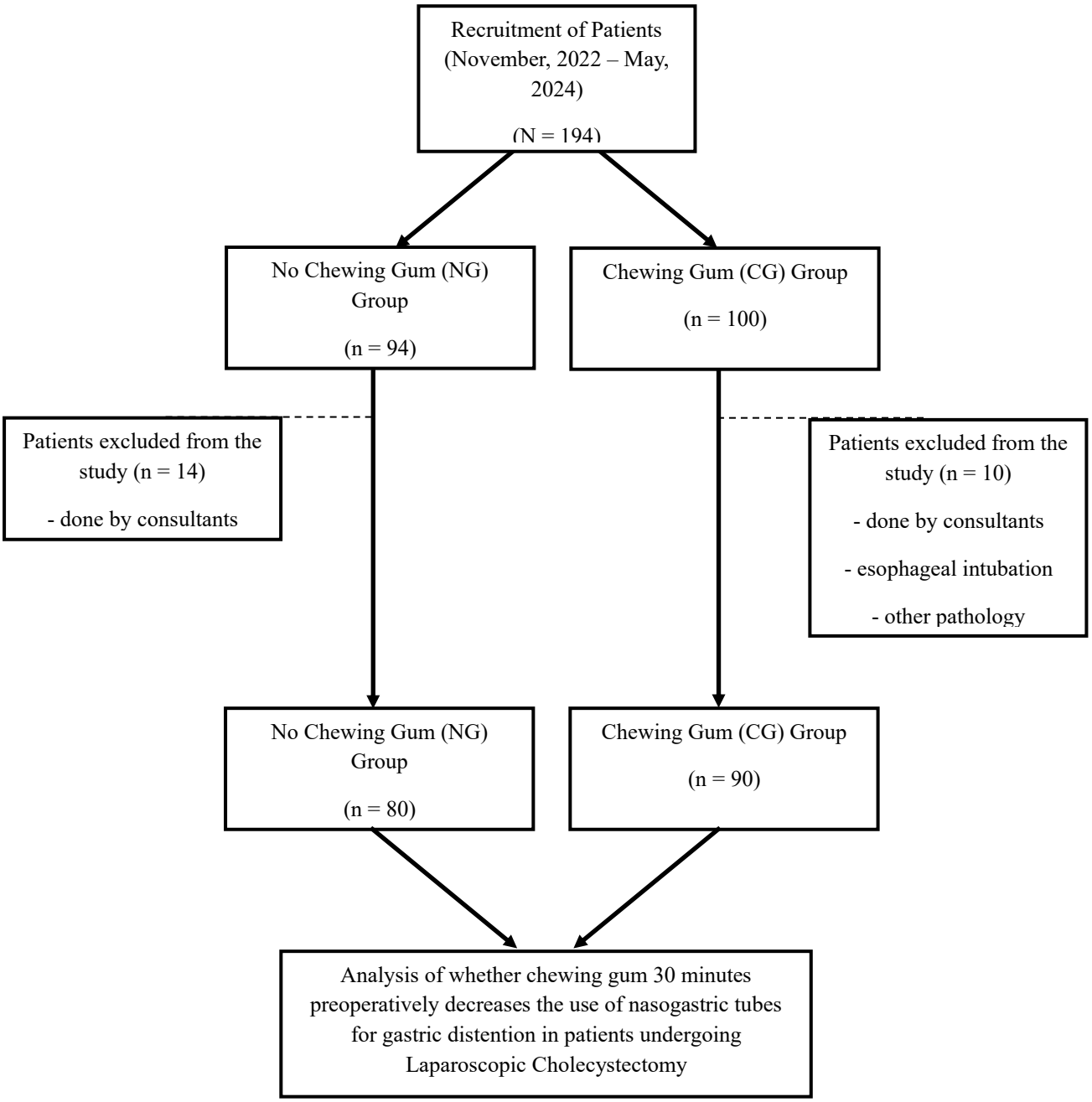
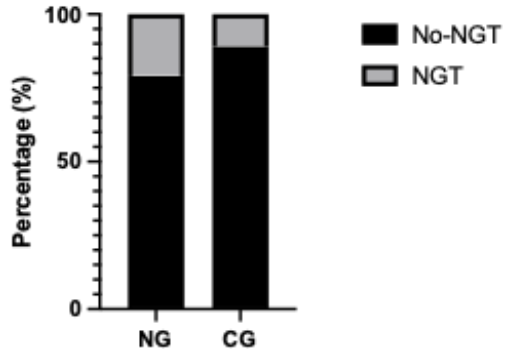
Participant Flow



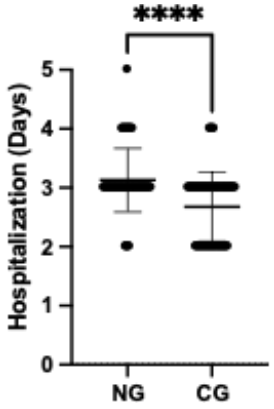
Baseline Characteristics

	No Chewing Gum Group (NG)	**Chewing Gum Group (CG)**
n-value	80	90
Age in Years (mean ± SD)	37.00 ± 10.25	39.86 ± 12.96
Sex, Male (%)	30 (37.50%)	28 (31.11%)
Body Mass Index (BMI)	24.6	24.8
Co- Morbidities, n (%)		
Previous Abdominal Surgery	2 (2.50%)	6 (6.67%)
Hypertension	6 (7.50%)	9 (10.00%)
Diabetes	2 (2.50%)	3 (3.33%)
Anatomical Variation, n (%)		
Impacted Stone	2 (2.50%)	1 (1.11%)
Adhesion	1 (1.25%)	5 (5.56%)
Distended/Puckered Gall Bladder	0 (0%)	6 (6.67%)
Empyema of the Gall Bladder	0 (0%)	1 (1.11%)
Gall Bladder Hydrops	0 (0%)	2 (2.22%)

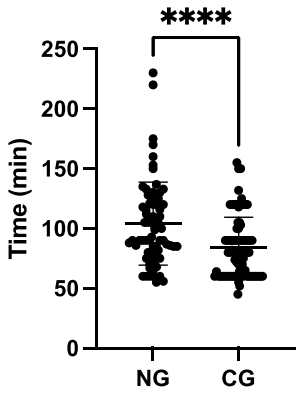
Outcomes Measures



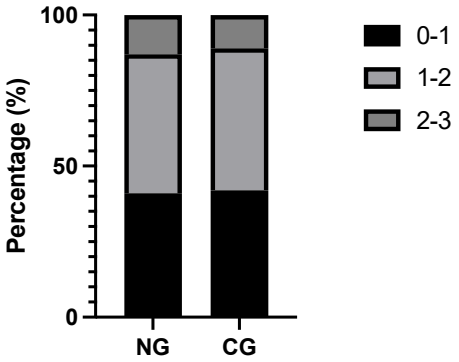
Chewing gum 30 minutes prior to Laparoscopic Cholecystectomy decreases the duration of hospitalization and use of NGT. Fischer's Exact test (p=0.0814) was performed



Chewing gum 30 minutes prior to Laparoscopic Cholecystectomy decreases the duration of hospitalization and use of NGT. For statistical analysis a Mann – Whitney U Test was performed (p<0.0001)



Chewing gum 30 minutes prior to Laparoscopic Cholecystectomy decreases operative time. For statistical analysis, Mann – Whitney U Test was performed (p<0.0001)



Scale of discomfort is not different between NG and CG. For statistical analysis, Fischer's Exact test was performed (p=0.9592)