

Patients' characteristics

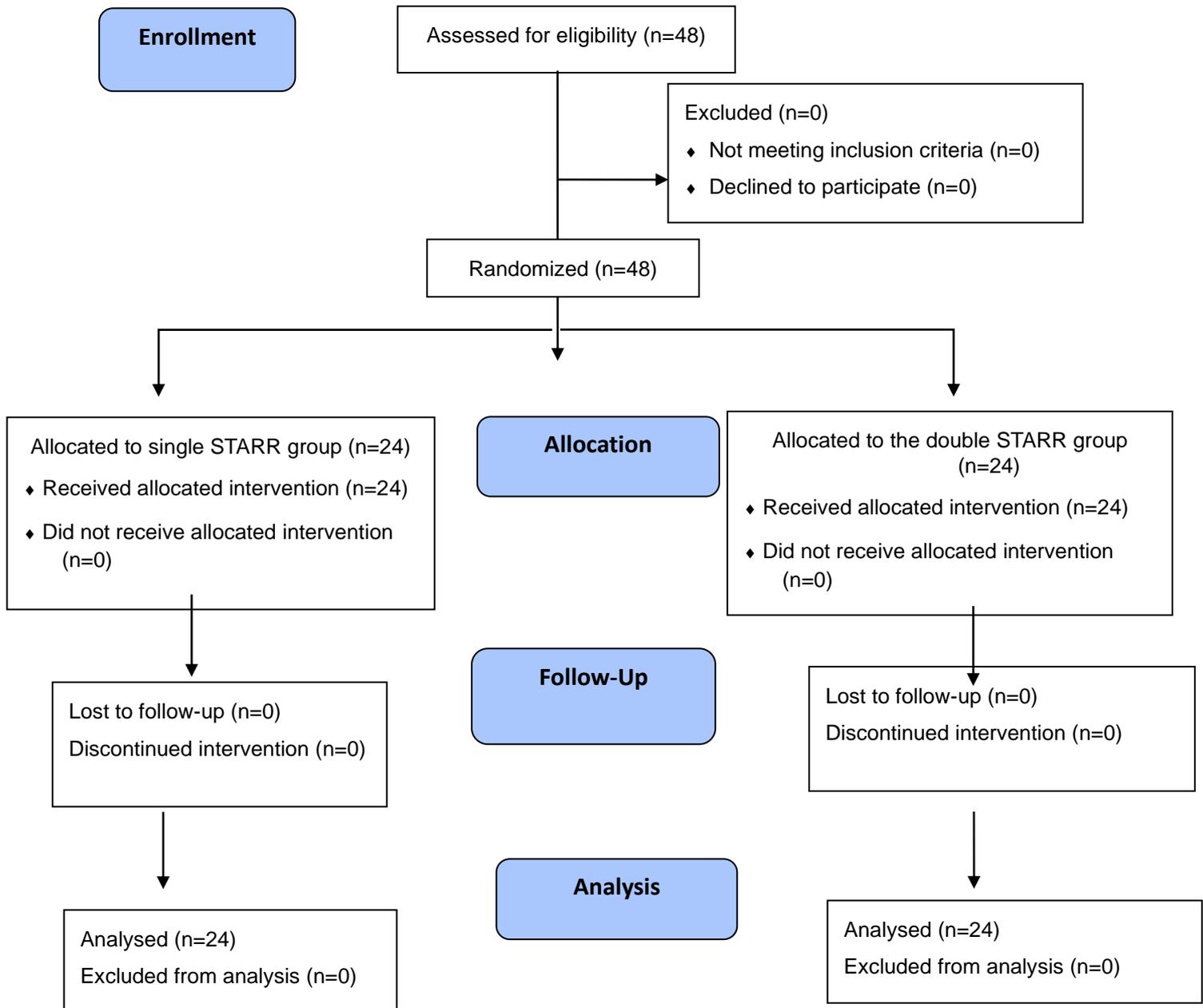
		Double STARR group (n=24)	Single STARR group (n=24)	P value
Age, years, Mean ± SD		38.6 ± 9.4	40.3 ± 15.3	0.644
Gender, n (%)	Female	10 (41.7%)	9 (37.5%)	0.7702
	Male	14 (58.3%)	15 (62.5%)	
Diabetes, n (%)	yes	2 (8.3%)	4(16.7%)	0.666
	No	22 (91.7%)	20 (83.3%)	
Hypertension, n (%)	yes	4 (16.7%)	5(20.8%)	1
	No	20 (83.3%)	19 (79.2%)	

Serial assessments of obstructed defecation syndrome score (ODS)

	Pre-operative	3-months	6-months	P value
ODS score in double STARR, Mean \pm SD	13.2 \pm 0.5	3.5 \pm 0.4	4.4 \pm 0.5	< 0.0001*
ODS score in single STARR, Mean \pm SD	12.7 \pm 0.4	4.3 \pm 0.5	5.3 \pm 0.6	< 0.0001*

Obstructed defecation syndrome score (ODS), operative time, visual analogue score (VAS), bleeding, defecation urgency, and incontinence to flatus

	Double STARR group (n= 24)	Single STARR group (n= 24)	P value
ODS score, preoperative, Mean ± SD	13.2 ± 2.3	12.7 ± 2	
ODS score, 3 months, Mean ± SD	3.6 ± 1.9	4.4 ± 2.4	0.211
ODS score, 6 months, Mean ± SD	4.4 ± 2.5	5.3 ± 3.3	0.282
ODS % improvement, Mean ± SD	66.8 ± 15	59.4 ± 20.2	0.159
Operative time, min, Mean ± SD	44.6 ± 4	30.8 ± 3.1	< 0.001*
VAS pain score, Mean ± SD	3 ± 1.5	2.6 ± 1.5	0.362
Bleeding, n (%)	1 (4.2%)	0 (0%)	0.3173
Defecation urgency, n (%)	8 (33.3%)	2 (8.3%)	0.034*
Incontinence to flatus, n (%)	3 (12.5%)	1 (4.2%)	0.3014



The CONSORT flow diagram of the trial