



CONSORT Flow Diagram of Study

Baseline characteristics of study patients

Characteristic	Synbiotic group (n=19)	Placebo group (n=19)	P-value*
Age (years)	41.32±6.76	38.12±7.66	0.192
Sex			0.532
Male	14 (74)	16 (84)	
Female	5 (26)	3 (16)	
Duration of disease, years	12.37±7.62	10.41±6.25	0.409
BMI (kg/m ²)	28.21±5.65	27.12±5.95	0.576
ASDAS	2.48 ± 0.96	2.76 ± 0.89	0.374
Sacroiliitis in imaging	17 (89)	18 (95)	0.547
Spondylitis in imaging	11 (58)	9 (47)	0.516
HLA-B27 Positive	7 (37)	7 (37)	0.616
Medications			0.865
Biologics	9 (47)	9 (47)	
NSAIDs	8 (42)	7 (37)	
None	2 (11)	3 (16)	

BMI, body mass index; ASDAS, ankylosing spondylitis disease activity score; HLA, human leukocyte antigen; NSAIDs, non-steroidal anti-inflammatory drugs.

Continuous variables were reported as mean ± SD while categorical variables were reported as frequency (percentage).

P<0.05 was considered significant.

* P values indicate comparison between groups (Independent sample t-test or Chi-square test, as appropriate).