Table 1: Baseline characteristics of study population



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| --- | --- | --- | --- | --- | --- |
|  | Characteristics | AS (*n=56)* | *HC (n=43)* | *p value* |  |
|  |  |  |  |  |  |
|  | Age (yrs old) |  35.24±13.37 | 32.36±12.37 | NS |  |
|  | Male/female | 42/14 | 30/13 | NS |  |
|  | Disease duration (yr) | 14.2± 9.7 |  |  |  |
|  | Axial with peripheral arthritis/axial |  |  |  |
|  | disease only (patient number) | 33/23 |  |  |  |
|  | HLA-B27 (+) (%) | 52 (92.8%) |  |  |  |
|  | CRP (mg/dl) | 23.2±12.5 |  |  |  |
|  | ESR (mm/h) | 24.9±15.3 |  |  |  |
|  | BASDAI | 5.2±3.4 |  |  |  |
|  | Schober’s test (cm) | 3.56±2.18 |  |  |  |
|  | Finger to floor (cm) | 17.8±14.9 |  |  |  |
|  | Chest expansion (cm) | 4.47±1.56 |  |  |  |
|  | Right lateral bending (cm) | 8.32±4.26 |  |  |  |
|  | Left lateral bending (cm) | 8.58±7.13 |  |  |  |
|  | Occipital to wall (cm) |  4.23±6.57 |  |  |  |
|  | Tragus to wall (cm) | 12.5±6.24 |  |  |  |
|  | Intramalleolar distance (cm) | 93.22±20.15 |  |  |  |
|  | Cervical spine lateral |  |  |  |  |
|  | rotation, right (degree) | 43.4±29.8 |  |  |  |
|  | Cervical spine lateral |  |  |  |  |
|  | rotation, left (degree) | 46.8±27.3 |  |  |  |
|  |  |  |  |  |  |

Abbreviations: AS: Ankylosing spondylitis; HC: healthy control; NS: non-significant; HLA-B27: human leukocyte antigen-B27; CRP: Creactive protein; ESR: erythrocyte sedimentation rate; BASDAI: Bath Ankylosing spondylitis Disease Activity Index; yr: year. Data are presented as mean standard deviation.