**Table, Supplementary Digital Content 1. Demographics and clinical characteristics of the total cohort (n=93) and of the subgroups based on the disease course severity (“mild and moderate” vs “severe” in A; “mild vs moderate vs severe” in B)**

**A)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Total cohort**  **(n=93)** | **Mild and**  **moderate cohorts**  **(n=76)** | **Severe cohort (n=17)** | ***P*-value** |
| Males | 47 | 42 | 5 | - |
| Age at dg (years)  (mean +/- SD[[1]](#footnote-1); range) | 11.7 +/- 3.12;  2 - 18 | 12.1 +/- 2.57;  6 - 15 | 7.96 +/- 7.07;  2 - 18 | n.s. |
| Follow-up duration  (months)  (mean +/- SD; median; range) | 59.2 +/- 33.4;  49.7;  18-190 | 47.4 +/- 34.6;  39.2;  18-96 | 63.4 +/- 19.1;  51.3  18-190 | n.s. |
| **Disease extent at diagnosis** | | | | |
| Proctitis (E1) and Left-sided (E2)  Extensive (E3) and pancolitis (E4) | 76  17 | 22  54 | 0  17 | 0.01\* |
| **Biochemical parameters at diagnosis and response to steroids at 3 months** | | | | |
| Haemoglobin at dg[[2]](#footnote-2)  (mean +/- SEM[[3]](#footnote-3); range) | 107.7 +/- 4.96  (52-148) | 116.9 +/- 2.14  (64-148) | 98.4 +/- 7.77  (52-140) | 0.04\* |
| ESR[[4]](#footnote-4) at dg  (mean +/- SEM; range) | 24.6 +/- 4.38  (1-130) | 20.2 +/- 2.83  (1-130) | 28.9 +/- 5.93  (6-69) | n.s. |
| Albumin at dg  (mean +/- SEM; range) | 35.8 +/- 1.17  (11-48) | 38.1 +/- 0.67  (11-48) | 33.4 +/- 1.67  (19-41) | 0.005\* |
| PUCAI[[5]](#footnote-5) at dg  (mean +/- SEM; range) | 46.1 +/- 3.48  15 - 70 | 40.7 +/- 2.2  15 - 70 | 51.6 +/- 4.8  30 - 70 | 0.06 |
| Response to steroids / Steroid-free remission at 3 months | 71 | 68 | 3 | 0.0001\* |
| PUCAI at 3 months | 28.1 +/- 2.8  0 - 60 | 11.2 +/- 1.5  0 - 40 | 45 +/- 3.99  20 - 60 | < 0.0001 |

B)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Mild cohort**  **(n=38)** | **Moderate cohort**  **(n=38)** | **Severe cohort (n=17)** | | ***P*-value** |
| **Disease extent at diagnosis** | | | | | |
| Proctitis (E1) and Left-sided (E2)  Extensive (E3) and pancolitis (E4) | 22  16 | 11  27 | | 0  17 | Mild vs Severe P < 0.0001\*  Moderate vs Severe < 0.0001\*  Mild vs Moderate P 0.34 |
| **Biochemical parameters at diagnosis and response to steroids at 3 months** | | | | | |
| Haemoglobin at dg2 (mean +/- SEM355r; range) | 120 +/- 2.63  64- 144 | 118 +/- 3.56  93 - 148 | | 98.4 +/- 7.77  52 - 140 | Mild vs Severe P < 0.026\*  Moderate vs Severe < 0.015\*  Mild vs Moderate P 0.9 |
| ESR4 at dg (mean +/- SEM; range) | 22.79 +/- 6.26  4 - 56 | 18.62 +/- 2.36  1 - 130 | | 28.9 +/5.93  6 - 69 | Mild vs Severe P 0.19  Moderate vs Severe 0.12  Mild vs Moderate P 0.8 |
| Albumin at dg (mean +/- SEM; range) | 38.4 +/- 0.67  32 - 46 | 38.03 +/- 0.98  11 - 48 | | 33.4 +/- 1.67  19 - 41 | Mild vs Severe P 0.017\*  Moderate vs Severe P 0.0058\*  Mild vs Moderate P 0.81 |
| PUCAI5 at dg (mean +/- SEM; range) | 39.9 +/- 3.22  15 - 65 | 40.7 +/- 3.42  15 - 70 | | 51.63 +/- 4.8  30 - 70 | Mild vs Severe P 0.06  Moderate vs Severe P 0.12  Mild vs Moderate P 0.96 |
| Response to steroids / Steroid-free remission at 3 months | 38 | 31 | | 3 | Mild vs Severe P < 0.0001\*  Moderate vs Severe  P < 0.0001\*  Mild vs Moderate P 0.012\* |
| PUCAI at 3 months | 7.5 +/- 1.23  0 - 15 | 14.25 +/- 2.41  0 - 40 | | 45 +/- 3.99  20 - 60 | Mild vs Severe P < 0.0001\*  Moderate vs Severe  P < 0.0001\*  Mild vs Moderate P 0.03\* |

1. SD: Standard Deviation [↑](#footnote-ref-1)
2. dg: diagnosis [↑](#footnote-ref-2)
3. SEM: Standard Error of the Mean [↑](#footnote-ref-3)
4. ESR: erythrocyte sedimentation rate [↑](#footnote-ref-4)
5. PUCAI: paediatric ulcerative colitis activity index [↑](#footnote-ref-5)