|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE 1. Patient characteristics and pharmacokinetic parameters. | | | | |
| Variables | **Males** | **Females** | **Total** | **P** |
| No. Patients | 5 | 23 | 28 | - |
| Patient characteristics |  |  |  |  |
| Age (years) | 69.60 (16.3) | 56.00 (12.9) | 56.25 (12.0) | 0.024\* |
| Body surface area (m2) | 2.10 (0.31) | 1.85 (0.28) | 1.89 (0.31) | 0.059 |
| Total body weight (kg) | 89.50 (28.30) | 73.10 (19.30) | 74.55 (19.80) | 0.067 |
| Lean body mass (kg) | 54.54 (7.74) | 45.65 (8.35) | 45.84 (9.62) | 0.017\* |
| AAG (g L-1) | 1.06 (0.31) | 0.91 (0.33) | 0.95 (0.37) | 0.490 |
| Albumin (g L1) | 37.60 (5.90) | 37.50 (5.10) | 37.55 (4.55) | 0.674 |
| Total bilirubin (µmol L1) | 10.00 (19.00) | 5.5 (1.00) | 6.00 (2.00) | 0.080 |
| ASAT (U L-1) | 29.00 (34.00) | 24.00 (34.00) | 26.50 (9.75) | 0.171 |
| ALAT (U L-1) | 18.00 (13.00) | 27.00 (18.00) | 25.00 (18.50) | 0.110 |
| ALP (U L-1) | 90.00 (41.50) | 75.00 (24.50) | 80.00 (26.00) | 0.329 |
| GGT (U L-1) | 46.00 (92.75) | 27.00 (25.50) | 28.50 (28.50) | 0.088 |
| PK parameters |  |  |  |  |
| Docetaxel dose (mg) | 160 (18) | 140 (20) | 140 (25) | 0.040\* |
| Docetaxel/BSA (mg m-2) | 76.19 (2.8) | 75.58 (1.8) | 75.59 (1.7) | 0.741 |
| Docetaxel/LBM (mg kg-1) | 2.80 (0.2) | 3.09 (0.3) | 3.07 (0.4) | 0.020\* |
| Docetaxel/TBW (mg kg-1) | 1.77 (0.3) | 1.88 (0.2) | 1.88 (0.2) | 0.168 |
| Clearance (L h-1) | 44.41 (6.57) | 47.64 (14.17) | 47.04 (10.94) | 0.453 |
| AUC (mg h L-1)a | 3.43 (0.61) | 3.05 (0.78) | 3.13 (0.70) | 0.067 |
| Distribution Volume (L) | 8.71 (4.13) | 8.88 (2.76) | 8.79 (2.65) | 0.569 |

Data in median (IQR). AAG = alpha 1-acid glycoprotein, ASAT = aspartate transaminase, ALAT = alanine transaminase, ALP = alkaline phosphatase, GGT = gamma-glutamyl transferase, AUC = area under the curve.  
a Calculated from the equation: AUC = Dose / CL  
\* Significant differences between males and females at the 0.05 level (Mann-Whitney U test)