**Biostatistician** review report

Statistical analysis results

AST and ALT with a skewed distribution were reported as the median and interquartile range (25-75%). Changes over time in AST and ALT were analyzed using a linear mixed model after a log-transformation of data. A *p* value < 0.05 was regarded as statistically significant.

(1) There was a significant difference between three groups in the pattern of change of AST over time during the study (P<0.0001).

# Comparison of AST between pre-injection (pre) and post 2 hr, post 1 D, post 4 D, post 7D after injection (P value).

|  |  |  |  |
| --- | --- | --- | --- |
| AST | group 1 (n=9) | group 2 (n=11) | group 3 (n=5) |
| pre-2 hr | 0.6493 | 0.9861 | 0.9940 |
| 1 D | 0.0019 | 1.0 | 0.9125 |
| 4 D | 0.3159 | 0.0095 | 0.3073 |
| 7 D | 0.8202 | 0.4152 | 0.0340 |

(2) There was a significant difference between groups in the pattern of change of ALT over time during the study (P<0.0001).

# Comparison of ALT between pre-injection (pre) and post 2 hr, post 1D, post 4D, post 7D after injection (P value).

|  |  |  |  |
| --- | --- | --- | --- |
| ALT | group 1(n=9) | group 2(n=11) | group 3(n=5) |
| pre-2 hr | 0.9937 | 0.9948 | 0.9815 |
| 1 D | <0.0001 | <0.0001 | 0.2140 |
| 4 D | 0.2522 | 0.0611 | 0.0885 |
| 7 D | 0.9933 | 0.3572 | 0.1196 |