

**Table S3** Biochemical evaluation

	<b>Functional independent</b>	<b>Functional dependent</b>	<b>P-value</b>	<b>Sig.</b>
N	15	15	-	-
Albumin (g/dl)	3.6 ± 0.09	3.21 ± 0.11	0.0097	**
Alkaline phosphatase (U/l)	69.82 ± 8.43	80.55 ± 3.65	0.2564	NS
Alanine aminotransferase (U/l)	30.25 ± 7.3	21.5 ± 7.16	0.4013	NS
Creatinine (mg/dl)	0.86 ± 0.02	1.49 ± 0.3	0.0484	*
Glucose (mg/dl)	106.8 ± 4.78	93.62 ± 6.14	0.1019	NS
Potassium (meq/l)	4.21 ± 0.07	4.52 ± 0.16	0.0901	NS
Sodium (meq/l)	141 ± 0.69	138.8 ± 0.64	0.0253	*
Total proteins (g/dl)	6.12 ± 0.11	5.69 ± 0.18	0.0547	NS
Triglycerides (mg/dl)	130.2 ± 8.44	107.2 ± 12.46	0.1482	NS
Urea (mg/dl)	40.93 ± 4.5	51.21 ± 7.56	0.2465	NS
Uric acid (mg/dl)	3.08 ± 0.31	3.37 ± 0.37	0.5536	NS

Data are represented as the mean ± SEM. Sig., Significance; NS, not significant. \*  $P < 0.05$ ; \*\*  $P < 0.01$ .