**Supplementary file**

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| --- | --- | --- | --- |
| CMR-Parameter | LGE ischemic n = 23 | LGE non-ischemic n = 10 | *P* value |
| T1 native basal *(ms)* | 1252 ± 81 | 1206 ± 52 | 0.914 |
| T1 native medial *(ms)* | 1257 ± 63 | 1221 ± 40 | 0.668 |
| T1 native apical *(ms)* | 1236 ± 97 | 1167 ± 92 | 0.432 |
| T2 basal *(ms)* | 43 ± 4 | 40 ± 2 | 0.251 |
| T2 medial *(ms)* | 43 ± 4 | 40 ± 1 | 0.378 |
| T2 apical *(ms)* | 43 ± 4 | 41 ± 1 | 0.885 |
| GLS *(%)* | -13.2 ± 5 | -14.8 ± 3 | 0.706 |
| GRS *(%)* |  21.7 ± 9 |  26.7 ± 7 | 0.122 |
| GCS *(%)* | -14.1 ± 4 | -16.6 ± 3 | 0.145 |
|  | LGE (+) n=61 | LGE (-) n=31 | *P* value |
| T1 native basal *(ms)* | 1250 ± 78 | 1206 ± 63 | **0.020** |
| T1 native medial *(ms)* | 1254 ± 59 | 1193 ± 81 | **<0.001** |
| T1 native apical *(ms)* | 1224 ± 99 | 1172 ± 183 | **0.028** |
| T2 basal *(ms)* | 42 ± 4 | 40 ± 2 | 0.113 |
| T2 medial *(ms)* | 43 ± 4 | 40 ± 4 | **0.017** |
| T2 apical *(ms)* | 42 ± 4 | 42 ± 5 | 0.528 |

**Supplementary file 1.** CMR parameters (non-contrast media enhanced imaging techniques) showing tissue characterization and myocardial deformation in patients with ischemic and non-ischemic LGE pattern.