**Supplementary appendix**

**Long-term follow-up after CRT-optimization in a real world setting: A single-center cohort study**

Raphael Korach1, Peter C. Kahr1, Frank Ruschitzka1,

Jan Steffel1, Andreas J. Flammer1\*, Stephan Winnik1\*

1 University Heart Center, Cardiology, University Hospital Zurich, Zurich, Switzerland

\*Equal contribution



**Supplementary figure 1:** Flow-chart of patients with echocardiography and 12-lead ECG based optimization after CRT-implantation and consecutive follow-up visit.

**Supplementary table 1.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Control group (n=16)** | **Intervention group (n=59)** | **p-value** |
| Biventricular pacing (%)(mean ± SD) | 94.5 ± 6.8 | 97.5 ± 4.0 | 0.022\*  |
| Biventricular pacing 0 – 90 %90 – 95 %95 – 97 %> 97 % | 3/16 (19%)1/16 (6%)5/16 (31%)7/16 (44%) | 3/59 (5%)4/59 (7%)6/59 (10%)46/59 (78%) | 0.031\*  |

**Supplementary table 1.** Biventricular pacing rate at follow-up after exclusion of 6 patients with atrial fibrillation and intact atrioventricular conduction.