

**Supplemental Table 1 Complete study cohort.**

Pat. #	Clinical Responder	Age	NYHA before CRT	NYHA after CRT	LVEF before CRT	LVEF after CRT	LVESV before CRT	LVESV after CRT	Persisting dys-synchrony in Echo	LV lead in non-viable myocardium	Total LV Scar burden	Phase SD	Phase Global Entropy	Band with	Impact on therapy desicion	Revasculari-zation prior to or after CRT
1	0	56	3	3	32	25	261	295	1	0	30	23	83	35	1	prior
2	0	75	3	3	32	35	189	166	1	0	17	43	82	137	0	prior / after
3	0	77	3	3	20	24	112	97	1	0	50	31	83	83	1	prior
4	1	77	3	2	24	35	208	155	0	0	24	54	77	65	0	no
5	1	70	3	2	13	20	218	173	1	0	16	32	74	63	0	prior
6	1	69	3	2	12	23	368	221	1	0	5	50	83	59	0	no
7	1	52	3	2	22	61	185	75	0	0	3	37	83	113	0	no
8	1	77	3	2	34	48	179	90	0	0	5	40	74	126	0	prior
9	1	62	3	2	28	43	234	163	0	0	3	42	78	119	0	no
10	1	67	3	2	32	41	228	171	0	0	13	36	73	90	0	prior
11	0	71	3	3	31	29	209	191	0	1	13	45	88	84	0	prior / after
12	0	75	3	4	12	10	267	283	0	1	29	17	79	99	1	prior
13	0	57	3	3	35	23	204	227	1	1	65	27	78	29	1	no
14	0	65	3	3	25	34	198	173	1	1	5	55	85	158	0	no