

**Table 1S:** Primary and Secondary Outcome Parameters individualized.

Patient Number	Center	SpO <sub>2</sub> Target range	Target% [%time]			Above% [%time]			Below% [%time]			Sequence [sequence number]		
			CLAC <sub>fast</sub>	CLAC <sub>slow</sub>	RMC <sub>only</sub>	CLAC <sub>fast</sub>	CLAC <sub>slow</sub>	RMC <sub>only</sub>	CLAC <sub>fast</sub>	CLAC <sub>slow</sub>	RMC <sub>only</sub>	CLAC <sub>fast</sub>	CLAC <sub>slow</sub>	RMC <sub>only</sub>
1	2	85-93%	89	83	81	1	4	0	7	9	17	3	1	2
2	2	85-96%	81	86	77	2	2	8	7	6	12	1	2	3
3	2	85-96%	80	55	59	6	13	14	13	21	16	3	1	2
4	1	90-95%	79	74	60	7	3	0	5	8	33	1	2	3
5	2	85-96%	76	61	51	7	19	34	13	12	10	1	2	3
6	1	90-95%	75	68	63	14	15	19	9	14	9	3	2	1
7	1	90-95%	74	72	64	11	13	1	9	11	33	2	3	1
8	1	90-95%	70	59	49	15	17	38	10	15	11	2	1	3
9	1	90-95%	70	64	51	10	3	11	17	28	32	2	1	3
10	1	90-95%	70	51	60	12	15	9	14	25	26	1	3	2
11	1	90-95%	70	71	46	9	6	10	18	20	40	3	2	1
12	2	85-96%	68	78	66	10	3	12	18	9	16	1	3	2
13	1	90-95%	67	72	59	16	9	8	11	8	21	2	3	1
14	2	85-96%	60	62	73	22	17	13	14	19	13	3	2	1
15	1	90-95%	58	46	45	24	18	10	16	32	34	1	3	2
16	1	90-95%	58	55	56	13	18	17	19	19	19	2	1	3
17	1	90-95%	56	58	46	24	23	7	18	17	45	3	1	2
18	1	90-95%	50	60	61	23	16	12	16	14	18	3	1	2
19	1	90-95%	41	53	43	24	10	23	25	28	25	2	3	1

Individuals are sorted from highest to lowest by percentage of Target% during CLAC<sub>fast</sub>.