

**Supplemental Table 1: Specific Patient Information – Against ESC but Within Bethesda Conference Guidelines**

Pt #	Gender	Age at Dx (years)	Genotype	QTc at Dx (ms)	Symptoms	ICD	Beta-Blocker	LCSD	Bethesda Sport Class	Level	Events During Sport?
1	M	15	LQT1	412	N	N	Y	N	IA	HS	N
2	F	3	LQT1	465	N	N	Y	N	IIB	Other	N
3	M	9	LQT1	420	N	N	Y	N	IA	HS	N
4	M	1	LQT1	460	N	N	N	N	IB	Child Comp	N
5	M	15	LQT1	443	N	N	Y	N	IIIB	HS	N
6	M	14	LQT1	420	N	N	Y	Y	IIC	HS	N
7	M	11	LQT1	440	N	N	Y	N	IIB	HS	N
8	M	16	LQT1	459	N	N	Y	N	IIB	College	N
9	M	9	LQT1	427	N	N	Y	N	IC	Child Comp	N
10	M	6	LQT1	444	N	N	Y	N	IIC	Child Comp	N
11	F	4	LQT1	452	N	N	Y	N	IC	Child Comp	N
12	F	17	LQT1	440	N	N	Y	N	IB	College	N
13	M	9	LQT1	458	N	N	Y	N	IIIA	Child Comp	N
14	F	2	LQT1	458	N	N	Y	N	IIIA	Child Comp	N
15	M	7	LQT1	390	N	N	Y	N	IIC	Child Comp	N
16	M	5	LQT1	429	N	N	Y	N	IIC	Child Comp	N
17	M	11	LQT1	450	N	N	Y	N	IB	Child Comp	N
18	F	16	LQT1	440	N	N	N	Y	IC	HS	N
19	M	6	LQT1	416	N	N	Y	N	IB	Child Comp	N
20	M	14	LQT1	414	N	N	Y	N	IC	Child Comp	N
21	F	28	LQT1	450	N	N	Y	N	IC	Adult Comp	N
22	M	7	LQT1	459	N	N	Y	N	IIIA	Child Comp	N
23	F	7	LQT1	438	N	N	Y	N	IIB	Other	N
24	M	25	LQT1	430	N	N	N	N	IC	Adult Comp	N
25	M	8	LQT1	501	Y	N	Y	N	IA	Child Comp	N
26	F	35	LQT1	449	N	N	Y	N	IIIA	Adult Comp	N
27	F	13	LQT1	471	N	N	Y	N	IC	HS	N
28	F	2	LQT1	425	N	N	Y	N	IC	Child Comp	N
29	F	9	LQT1	460	N	N	Y	N	IIC	Child Comp	N

30	F	9	LQT1	432	N	N	Y	N	IIIA	Child Comp	N
31	M	8	LQT1	432	N	N	Y	N	IIB	Child Comp	N
32	M	12	LQT1	448	N	N	Y	N	IB	Child Comp	N
33	F	6	LQT1	456	N	N	Y	N	IIIA	HS	N
34	M	9	LQT1	413	N	N	Y	N	IC	Child Comp	N
35	M	7	LQT1	436	N	N	Y	N	IIC	Child Comp	N
36	M	32	LQT1	419	N	N	Y	N	IIC	Adult Comp	N
37	M	2	LQT1	417	N	N	Y	N	IIC	Child Comp	N
38	F	14	LQT1	470	N	N	Y	N	IIIA	Child Comp	N
39	F	14	LQT1	440	N	N	Y	Y	IIC	HS	N
40	M	12	LQT1	434	N	N	Y	N	IIC	Child Comp	N
41	M	18	LQT1	451	N	N	Y	N	IB	College	N
42	M	10	LQT2	441	N	N	Y	N	IIC	Child Comp	N
43	M	4	LQT2	440	N	N	Y	N	IIB	Other	N
44	F	17	LQT2	462	N	N	Y	N	IIIA	Child Comp	N
45	F	12	LQT2	473	N	N	Y	N	IC	Child Comp	N
46	M	10	LQT2	396	N	N	Y	N	IC	HS	N
47	M	12	LQT2	428	N	N	Y	N	IC	HS	N
48	M	12	LQT2	438	N	N	Y	N	IIC	HS	N
49	F	14	LQT2	463	N	N	Y	N	IB	HS	N
50	F	3	LQT2	414	N	N	Y	N	IIC	Child Comp	N
51	M	1	LQT2	423	N	N	Y	N	IIB	Child Comp	N
52	F	12	LQT2	465	N	N	Y	N	IB	HS	N
53	M	14	LQT2	447	N	N	Y	N	IIC	Child Comp	N
54	F	10	LQT2	460	N	N	N	Y	IIB	Other	N
55	F	12	LQT2	440	N	N	Y	N	IIIA	Child Comp	N
56	M	10	LQT2	451	N	N	Y	N	IIC	Child Comp	N
57	M	17	LQT2	433	N	N	N	N	IIB	College	N
58	F	16	LQT2	460	N	N	Y	N	IB	College	N
59	M	5	LQT2	450	N	N	Y	N	IB	Child Comp	N
60	M	9	LQT2	444	N	N	Y	N	IB	Child Comp	N
61	F	7	LQT2	425	N	N	N	N	IIIA	Child Comp	N
62	M	8	LQT3	450	N	N	N	N	IC	Child Comp	N

63	M	16	LQT3	465	N	N	N	N	IC	HS	N
64	M	11	LQT3	430	N	N	N	N	IIC	Child Comp	N
65	M	16	LQT3	517	N	N	N	N	IIB	HS	N
66	F	11	LQT3	475	N	N	N	N	IIC	Child Comp	N
67	F	5	LQT3	475	N	N	N	N	IB	Child Comp	N
68	F	5	LQT3	496	N	N	N	N	IB	Child Comp	N
69	F	15	LQT3	414	N	N	N	N	IIIA	College	N
70	F	7	Multiple (1&2)	472	N	N	Y	Y	IC	Child Comp	N

**Supplemental Table 2: Specific Patient Information – Against Bethesda Guidelines**

Pt #	Gender	Age at Dx (years)	Genotype	QTc at Dx (ms)	Symptoms	ICD	Beta-Blocker	LCSD	Bethesda Sport Class	Level	Events During Sport?
1	M	4	LQT1	650	Y	Y	Y	Y	IC	Child Comp	N
2	M	2	LQT1	487	N	N	Y	N	IC	Child Comp	N
3	M	5	LQT1	500	N	N	Y	Y	IB	Child Comp	N
4	M	9	LQT1	422	Y	Y	Y	N	IIC	HS	N
5	M	10	LQT1	468	Y	N	Y	N	IIIB	HS	N
<b>6</b>	<b>M</b>	<b>7</b>	<b>LQT1</b>	<b>490</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>IIC</b>	<b>Child Comp</b>	<b>Y</b>
7**	F	9	LQT1	431	N	N	Y	N	IIIB	Child Comp	N
8	F	7	LQT1	480	N	N	Y	N	IB	Child Comp	N
9	F	0	LQT1	526	N	N	Y	N	IIIA	Child Comp	N
10	M	11	LQT1	478	N	N	N	Y	IB	Child Comp	N
11	F	14	LQT1	520	Y	N	Y	N	IC	Adult Comp	N
12	M	14	LQT1	450	Y	N	Y	Y	IIC	HS	N
13	F	36	LQT1	490	Y	Y	Y	N	IC	Adult Comp	N
14	M	33	LQT1	422	N	Y	Y	N	IIIA	Adult Comp	N
15	M	6	LQT1	480	Y	N	Y	N	IIC	Child Comp	N
16	M	12	LQT1	492	N	N	Y	N	IIC	Child Comp	N
17	M	13	LQT1	541	N	N	Y	N	IIB	HS	N
18	F	15	LQT1	512	N	N	Y	N	IIIA	Child Comp	N
19	M	11	LQT1	475	N	N	Y	N	IIC	Child Comp	N
20	M	9	LQT1	470	N	N	Y	N	IIC	Child Comp	N
21	F	10	LQT1	510	N	N	Y	Y	IIC	Nat'l	N
22	F	16	LQT1	486	Y	N	Y	Y	IIC	HS	N
23	M	5	LQT1	492	N	N	Y	N	IIIA	Child Comp	N
24	F	10	LQT1	501	N	N	Y	N	IC	HS	N
25	M	10	LQT1	483	N	N	Y	N	IIC	Child Comp	N
26	F	15	LQT1	505	N	N	Y	Y	IIB	HS	N
27	M	8	LQT1	486	Y	N	Y	N	IIC	Child Comp	N
28	F	11	LQT1	483	N	N	Y	N	IB	Child Comp	N
29	F	35	LQT1	510	N	N	Y	N	IIIA	Adult Comp	N

30	F	16	LQT1	510	N	N	Y	Y	IC	HS	N
31	M	13	LQT1	450	Y	N	Y	Y	IB	HS	N
32	F	4	LQT1	503	Y	N	Y	N	IIIA	Child Comp	N
33	F	16	LQT1	480	N	N	Y	N	IIIA	Child Comp	N
34	F	13	LQT2	500	Y	Y	Y	N	IB	HS	N
35	F	14	LQT2	490	Y	N	Y	N	IIIA	Child Comp	N
36	M	12	LQT2	517	N	N	Y	N	IIB	Child Comp	N
37	F	17	LQT2	530	Y	Y	Y	Y	IIIA	Child Comp	N
38	F	14	LQT2	560	N	N	Y	Y	IB	HS	N
39	F	12	LQT2	550	N	N	Y	N	IB	Child Comp	N
40	F	15	LQT2	490	N	Y	Y	N	IIIA	Child Comp	N
41	F	14	LQT2	599	Y	Y	Y	N	IIIA	Child Comp	N
42	M	0	LQT2	480	N	N	Y	N	IIB	Child Comp	N
43	M	10	LQT2	511	Y	Y	Y	N	IIB	Other	N
44	F	15	LQT2	447	Y	Y	Y	N	IIC	Child Comp	N
45	M	1	LQT2	475	N	N	Y	N	IIC	Child Comp	N
46	M	16	LQT2	524	N	Y	Y	N	IC	Adult Comp	N
47	F	13	LQT2	540	Y	Y	Y	Y	IC	HS	N
48	M	9	LQT2	490	N	N	Y	N	IIC	Child Comp	N
49	M	11	LQT2	493	Y	N	Y	N	IIC	Child Comp	N
50	M	6	LQT2	583	Y	Y	Y	N	IIIA	HS	N
51	F	17	LQT2	463	Y	N	Y	N	IIIA	Adult Comp	N
52	F	24	LQT2	613	Y	Y	Y	N	IC	Adult Comp	N
53	F	13	LQT2	574	N	Y	Y	N	IIC	Child Comp	N
54	F	16	LQT2	440	Y	N	Y	N	IC	HS	N
55	M	15	LQT3	464	Y	Y	N	N	IC	Child Comp	N
56	M	2	LQT3	474	Y	Y	N	N	IIC	Child Comp	N
57	F	13	LQT3	475	N	Y	Y	N	IB	HS	N
58	F	14	Multiple (1&2)	600	Y	Y	Y	N	IIIA	HS	N
59	M	1	Multiple (1&2)	567	N	N	Y	Y	IC	Child Comp	N
60	F	18	Multiple (1&3)	456	Y	N	Y	Y	IC	College	N