

TABLE E-1

	Sex	Type of Charcot-Marie-Tooth Disease	Age (yr)				Location of Scoliosis	Brace	Surgery	Curve Magnitude (deg)					Last Risser Sign	Curve Progression	Able to Walk	Outcome
			At Diagnosis	At Op.	Final	Change				Initial	Kyphosis	Preop.	Postop.	Final				
1	f	unknown	13.3		13.3	0	thoracolumbar	no	no	13	56			13	4	<1-yr follow-up	yes	discharge
2	m	1	13.67	15.2	19.1	5.43	L thoracic	TLSO	yes	30	70	50	34	33	surg	yes	yes	posterior spinal fusion T3-L3
3	m	1A	9.8		17.45	7.65	L thoracic	no	no	13	40			16	4	no	yes	discharge
4	m	2B	14.6	14.8	18.3	3.7	thoracolumbar	no	yes	51	68	69	20	28	surg	yes	yes	posterior spinal fusion T3-L4
5	m	1	8	13.4	17.75	9.75	R thoracic	Boston	yes	23	75	50	38	48	surg	yes	wheelchair	posterior spinal fusion T2-L4
6	m	1A	9.9		14.3	4.4	L thoracic	no	no	14	42			10	3	no	yes	discharge
7	f	1	8.85	11.5	13.9	5.05	thoracolumbar	Boston	yes	45	16	69	28	34	surg	yes	wheelchair	posterior spinal fusion T3-L5
8	m	1	14.2	15.75	18.6	4.4	thoracolumbar	Boston	yes	37	60	55	28	25	surg	yes	yes	posterior spinal fusion T5-L3
9	f	1A	8.4		12.9	4.5	R thoracic	no	no	14				7	2	<1-yr follow-up	yes	discharge
10	f	2	11.33		12	0.67	L thoracic	no	no	12	31			3	0	<1-yr follow-up	yes	discharge
11	m	1	11.67	13.8	17.9	6.23	L thoracic	Boston	yes	35	90	70	35	59	surg	yes	wheelchair	posterior spinal fusion T4-L4
12	f	1	9.25	11.75	16.75	7.5	R thoracic	Boston	yes	36	33	56	30	36	surg	yes	now wheelchair	posterior spinal fusion T4-L1
13	m	unknown	14.25	14.75	17.25	3	R thoracic	Boston	yes	44	47	74	36	36	surg	yes	yes	posterior spinal fusion T4-L4
14	f	unknown	11.67	12.5	17.75	6.08	double major (R thoracic)	no	yes	52	52	80	40	45	surg	yes	walker	halo/posterior spinal fusion T2-L4
15	m	1A	14.45		14.45	0	R thoracic	no	no	16				16	2	<1-yr follow-up	yes	discharge
16	m	1A	13.5		14.5	1	thoracolumbar	Boston	no	23	63			33	0	yes	yes	discharge
17	f	unknown	13.9		14	0.1	L thoracic	Charleston	no	35	53			35	1	<1-yr follow-up	yes	lost to follow-up
18	f	1A	13.2		15.4	2.2	R thoracic	no	no	13	45			17	4	no	yes	discharge
19	m	unknown	15.75		17	1.25	lumbar	no	no	17	37			20	5	no	yes	discharge
20	f	unknown	12.8	13.8	17.5	4.7	R thoracic	Boston	yes	45	50	58	20	35	surg	yes	yes	posterior spinal fusion T3-L3
21	f	unknown	14.1		17.9	3.8	lumbar	Boston	no	25	35			34	5	yes	yes	discharge
22	m	1A	13.67		17.9	4.23	L thoracic	no	no	23	56			36	5	yes	yes	discharge
23	m	3	8.45		16.1	7.65	R thoracic	Boston	sched	36	70	50		50	died	yes	yes	died
24	m	unknown	15.67		16.33	0.66	L thoracic	no	no	18	12			18	5	<1-yr follow-up	yes	discharge
25	f	2	11.6	11.85	17.5	5.9	R thoracic	no	yes	60	63	65	17	30	surg	<1-yr follow-up	yes	posterior spinal fusion T2-L4
26	f	1	8.6		16.1	7.5	thoracolumbar	no	no	25	43			7	4	no	yes	discharge
27	m	unknown	16		17.25	1.25	L thoracic	no	no	26	25			40	4	yes	yes	discharge
28	m	2	15.45		15.45	0	L thoracic	no	no	30				30	4	<1-yr follow-up	yes	discharge
29	m	1	13.8		18.2	4.4	L thoracic	Charleston	no	42	44			40	4	no	yes	discharge
30	m	1	15		16.2	1.2	thoracolumbar	no	no	23	35			27	3	no	yes	discharge

31	m	1	14.5		17	2.5	L lumbar	Boston	no	28	61			29	4	no	yes	discharge
32	m	1	17.8		17.8	0	R thoracic	no	no	23				23	5	<1-yr follow-up	yes	discharge
33	f	1A	16.6		18	1.4	L thoracic	no	no	26	43			28	5	no	yes	discharge
34	f	unknown	11.67		16.67	5	R thoracic	no	no	18	31			27	4	yes	yes	discharge
35	m	unknown	15.2		15.65	0.45	R thoracic	no	no	30	46			25	4	<1-yr follow-up	yes	discharge
36	f	unknown	11.67		20	8.33	lumbar	Boston	no	25				40	5	yes	yes	discharge
37	m	unknown	15.5		16	0.5	L thoracic	no	no	25				22	4	<1-yr follow-up	yes	discharge
38	f	unknown	14.2		15.75	1.55	double major (R thoracic)	no	no	11	38			28	3	yes	yes	discharge
39	m	unknown	11.75	14	16.33	4.58	double major (R thoracic)	Boston	yes	47	60	65	27	31	surg	yes	yes	Anterior and posterior spinal fusion T2-L1
40	f	2	11	12.9	18.1	7.1	double major (R thoracic)	Boston	yes	43	31	72	43	38	surg	yes	wheelchair	posterior spinal fusion T5-L4
41	m	1	15.2		17.25	2.05	L thoracic	no	no	21	40			27	4	yes	yes	discharge
42	m	2	12.9		17	4.1	L lumbar	Charleston	no	10	42			48	5	yes	yes	active
43	m	1	10.6	14.9	18.1	7.5	L thoracic	no	yes	23	97	82	67	60	surg	yes	yes	posterior spinal fusion T2-L1
44	m	1A	12.9		13.75	0.85	R thoracic	no	no	20	29			39	4	yes	yes	discharge
45	f	unknown	13.2		16.25	3.05	R thoracic	no	no	15	44			12	4	no	yes	discharge