

Table S1. Complications reported in type 1 diabetes (T1D) –related hospital encounters during follow-up 1998–2014.

	Patients with NF1	Controls	Siblings without NF1
All patients identified to have T1D, n	7	129	19
Patients with T1D-related hospital encounter, n (%)	7 (100)	129 (100)	19 (100)
Complications of T1D			
<i>Hypoglycemic coma (ICD-10 E10.00), n (%)</i>	1 (14.3)	16 (12.4)	2 (10.5)
<i>Hyperglycemic coma (ICD-10 E10.01), n (%)</i>	0 (0)	2 (1.6)	0 (0)
<i>Coma (ICD-10 E10.09), n (%)</i>	0 (0)	0 (0)	0 (0)
<i>Ketoacidosis (ICD-10 E10.1), n (%)</i>	2 (28.6)	16 (12.4)	4 (21.1)
<i>Renal complications (ICD-10 E10.2), n (%)</i>	0 (0)	11 (8.5)	0 (0)
<i>Ophthalmic complications (ICD-10 E10.3), n (%)</i>	1 (14.3)	48 (37.2)	8 (42.1)
<i>Neurological complications (ICD-10 E10.4), n (%)</i>	0 (0)	8 (6.2)	0 (0)
<i>Peripheral circulatory complications (ICD-10 E10.5), n (%)</i>	1 (14.3)	8 (6.2)	1 (5.3)
<i>Other complications (ICD-10 E10.6), n (%)</i>	0 (0)	5 (3.9)	1 (5.3)
<i>Multiple complications (ICD-10 E10.7), n (%)</i>	1 (14.3)	26 (20.2)	2 (10.5)
<i>Unspecified complications (ICD-10 E10.8), n (%)</i>	1 (14.3)	3 (2.3)	1 (5.3)
<i>Without complications (ICD-10 E10.9), n (%)</i>	7 (100)	115 (89.1)	17 (89.5)

ICD-10: International Classification of Diseases, 10th revision; NF1: neurofibromatosis type 1; T1D: type 1 diabetes

Table S2. Complications reported in type 2 diabetes (T2D) –related hospital encounters during follow-up 1998–2014.

	Patients with NF1	Controls	Siblings without NF1
All patients identified to have T2D, n	19	779	83
Patients with T2D-related hospital encounter, n (%)	7 (36.8)	312 (40.1)	27 (32.5)
Complications of T2D			
<i>Hypoglycemic coma (ICD-10 E11.00), n (%)</i>	3 (15.8)	45 (5.8)	4 (4.8)
<i>Hyperglycemic coma (ICD-10 E11.01), n (%)</i>	0 (0)	2 (0.3)	1 (1.2)
<i>Coma (ICD-10 E11.09), n (%)</i>	0 (0)	1 (0.1)	1 (1.2)
<i>Ketoacidosis (ICD-10 E11.1), n (%)</i>	0 (0)	3 (0.4)	0 (0)
<i>Renal complications (ICD-10 E11.2), n (%)</i>	0 (0)	11 (1.4)	2 (2.4)
<i>Ophthalmic complications (ICD-10 E11.3), n (%)</i>	0 (0)	21 (2.7)	2 (2.4)
<i>Neurological complications (ICD-10 E11.4), n (%)</i>	1 (5.3)	11 (1.4)	0 (0)
<i>Peripheral circulatory complications (ICD-10 E11.5), n (%)</i>	1 (5.3)	15 (1.9)	0 (0)
<i>Other complications (ICD-10 E11.6), n (%)</i>	0 (0)	6 (0.8)	1 (1.2)
<i>Multiple complications (ICD-10 E11.7), n (%)</i>	1 (5.3)	35 (4.5)	5 (6.0)
<i>Unspecified complications (ICD-10 E11.8), n (%)</i>	2 (10.5)	45 (5.8)	2 (2.4)
<i>Without complications (ICD-10 E11.9), n (%)</i>	5 (26.3)	255 (32.7)	22 (26.5)

ICD-10: International Classification of Diseases, 10th revision; NF1: neurofibromatosis type 1; T2D: type 2 diabetes