

Table e-2. Characteristics of 271 childhood cancer survivors with self-reported first-stroke on the 2011 stroke survey

Characteristic	No.	(%)
Vital status, alive	214	(79)
Male sex	140	(52)
Race		
White, non-Hispanic	217	(80)
Black	16	(6)
Hispanic	1	(0)
Other/unknown	37	(14)
Age at cancer diagnosis, years		
0-4	97	(36)
5-9	65	(24)
10-14	59	(22)
15-20	50	(18)
Age at last followup (2011 survey) or death		
<18	19	(7)
18-29	37	(14)
30-39	94	(35)
40+	121	(45)
Year of cancer diagnosis		

1970-1973	34 (13)
1974-1977	62 (23)
1978-1981	63 (23)
1982-1986	112 (41)
Cancer diagnosis	
Brain tumor	119 (44)
Leukemia	77 (28)
Hodgkins lymphoma	24 (9)
Bone cancer	14 (5)
Kidney (Wilms)	12 (4)
Soft tissue sarcoma	12 (4)
Non-Hodgkins lymphoma	7 (3)
Neuroblastoma	6 (2)
Maximum cranial radiation dose	
None	45 (17)
1- <30 Gy	48 (18)
30-49 Gy	19 (7)
50+ Gy	93 (34)
Indirect	38 (14)
Unknown	28 (10)
Radiation to Neck	
Yes	67 (25)
No	176 (65)

Unknown	28 (10)
Radiation to Neck or Brain	
Direct neck, no direct brain radiation	22 (8)
Direct brain radiation (+/- neck radiation)	161 (59)
No neck or brain direct radiation	60 (22)
Unknown	28 (10)
Chest radiation	
Yes	72 (27)
No	170 (63)
Unknown	29 (11)
Chemotherapy	
Any methotrexate	95 (35)
Any intrathecal methotrexate	76 (28)
Any intrathecal chemotherapy	78 (29)
Any alkylating agent	142 (52)
Any anthracycline	88 (32)
High blood pressure (prior to first stroke)	
Yes	52 (19)
No	216 (80)
Unknown	3 (1)
Diabetes (prior to first stroke)	
Yes	12 (4)
No	256 (94)

Unknown	3 (1)
Ever smoked (prior to first stroke)	
Yes	34 (13)
No	217 (80)
Unknown	20 (7)
Neurofibromatosis type 1	
Yes	3 (1)
No	196 (72)
Unknown	72 (27)
Age at first stroke, years, median (range)	19 (0, 53)
Age at first stroke, years (categorical)	
<18	126 (46)
18-29	53 (20)
30-39	59 (22)
40+	30 (11)
Type of first stroke	
Ischemic	79 (29)
Hemorrhagic	65 (24)
Not sure	83 (31)
Missing	44 (16)
First stroke symptoms lasted > 24 hours	
Yes	177 (65)
No	53 (20)

Do not know	41	(15)
Characteristics of 1st stroke		
Unilateral weakness	174	(64)
Difficulty walking	170	(63)
Difficulty speaking	162	(60)
Unilateral numbness	109	(40)
Headache at the time of stroke	90	(33)
Visual changes	90	(33)
Seizure at the time of stroke	78	(29)
Dizziness	65	(24)
Bilateral weakness	32	(12)
No symptoms ("silent stroke")	18	(7)
Bilateral numbness	13	(5)
Brain imaging performed		
Both CT and MRI	94	(35)
CT	74	(27)
MRI	34	(13)
No brain imaging done	23	(8)
Imaging not known	46	(17)
Recovery from 1st stroke		
Complete	100	(37)
Partial	137	(51)
No recovery	26	(10)

Do not know	3	(1)
Told had abnormal blood vessels to the brain		
Yes	37	(14)
No	162	(60)
Do not know	72	(27)
Told had moyamoya		
Yes	12	(4)
No	202	(75)
Do not know	57	(21)
Told had narrowing of blood vessels to the brain		
Yes	15	(6)
No	192	(71)
Do not know	64	(24)
Cavernous malformation	3	(1)
Arteriovenous malformation	3	(1)
Anti-thrombotic treatment after first stroke	104	(38)