

12.8%~23% 8, 11. S
CC
12. S
A
CC
13, 14
15, 16.
C
1893 17, S
18
19 21
22 1990.

	S			S			S		
	SEC	C		SEC	C		SEC	C	
	45	215		26	131		19	84	
	41	188	0.596	25	115	0.215	16	73	0.826
	4	27		1	16		3	11	
A ()	30 74	28 81	0.438	30 74	29 80	0.128	42 71	28 81	0.4
±SD	55.8±9.8	57.3±11.0		53.5±10.2	57.2±11.3		59.4±8.1	57.1±11.2	
C									
C A	18	97	0.622	8	66	0.076	10	31	0.426
C B	26	109		18	60		8	49	
C C	1	9		0	5		1	4	
	66	294		39	182		27	112	
1	31	151	0.126	17	92	0.632	14	59	0.06
2	7	49		5	27		2	22	
3	7	15		4	12		3	3	
S	16 60	11 60	0.455	15 30	11 30	0.588	31 60	31 60	0.208
	27	29		22.5	22.5		36	36	
±SD	30.2±10.8	30.4±9.4		23.2±4.5	22.5±4.8		40.2±8.6	37.9±6.5	
S	10	81	0.106	6	55	0.31	4	26	0.315
ACE	8	40		5	19		3	21	
S ACE	0	4		0	1		0	3	
N	27	90		15	56		12	34	

ACE, ...

S B, ... (S E -S ...)
 E S ... (S ; 0.1 ...)

Mc ...
 A ... S ...
 (D ... DE) (S ...)
 B, C ...
 1999, 2004, C- ...
 (A A ... 207 ...)
 A ... C ... B ...)
 2450 ...
 80 ... 16- ...
 4, 6, 23 ... 2005 ... 2006, N-2000 ...
 (... N ... C ...)
 2450 ...
 100 ... 15- ...
 24, 25 ... S ...
 4, 6, 23 ...

(I., B.D., ...) A ...
 4, 6, 23 ...
 17 ...
 17 ...
 A ... 60 ...
 300 ... A ...
 S ...
 5 ...
 5 ...
 60°C ...
 300 ... 54°C ... 3 ...
 (... 180 1620) ...

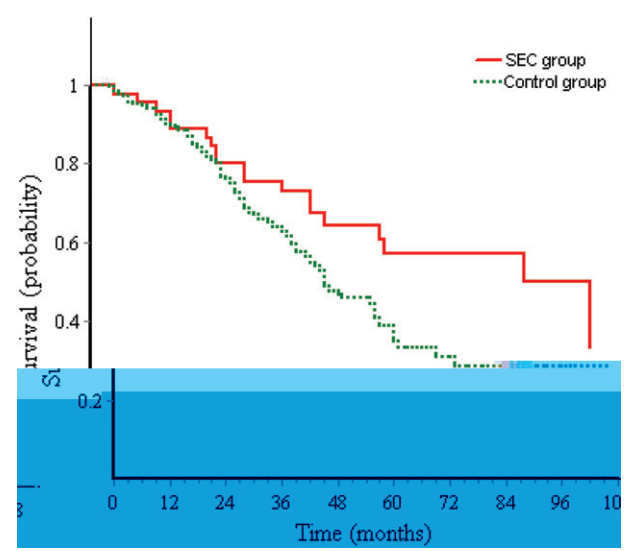
SEC ...
 SEC ... 500 , 1000 ...
 2000 SEC ...
 21, 22 ... 23 ... A ...

SEC
 24
 A. SEC
 21 C
 SEC. SEC
 21 C S
 SEC
 24 28, 2, 5
 7 A. D. SEC
 A. SEC
 5 A
 SEC E
 SEC
 3
 7 (1, 2, 5, 5, 2
 7) A 26
 5 SEC
 5 SEC E
 1 9 (2) SEC
 6
 F
 4, 6, 23
 C C
 1- 3-
 1 A
 6-
 A
 A
 26
 A
 C
 D. 2008.
 S A
 D
 A

21
 A
 36
 79 (54.2 ± 14.3).
 S a c a a
 D S S (C SS, B,
 S C
 B, C)
 C ±
 (SD).
 < 0.05

Results

O e a a a a e a d n c f a c
 1, 2, 3, 4, 5
 93.3%, 86.7%, 72.9%, 64.4%, 60.8%
 SEC 94%, 82.9%, 66%, 54.1%
 44.4% (1),



1. E SEC
 (0.032).

(= 0.032)

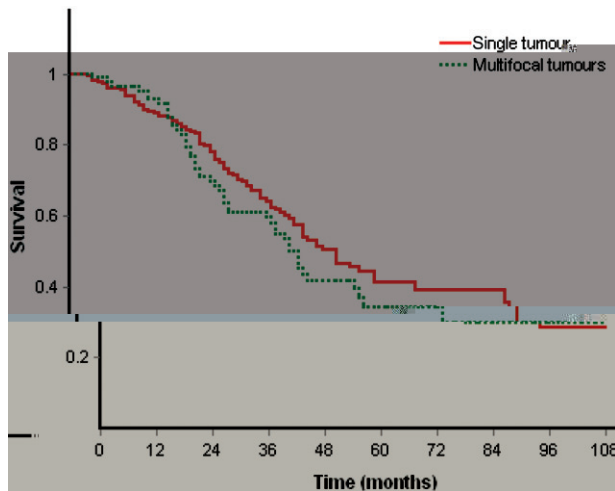
1 43 (95.5%) 204
 (94.9%), 3 32 (71.1%)
 140 (65.1%), 5 19 (42.2%)
 60 (27.9%) SEC

49 (5 107 ; 2.5 97.5
 10.4 107) SEC
 40 (4 106 , 2.5 97.5
 7.4 91.8)
 74.4 ± 4.8
 58.8 ± 1.2 SEC
 (= 0.045,
 = 0.049), (= 0.02, = 0.008)
 C -1 (= 0.0, = 0.012)

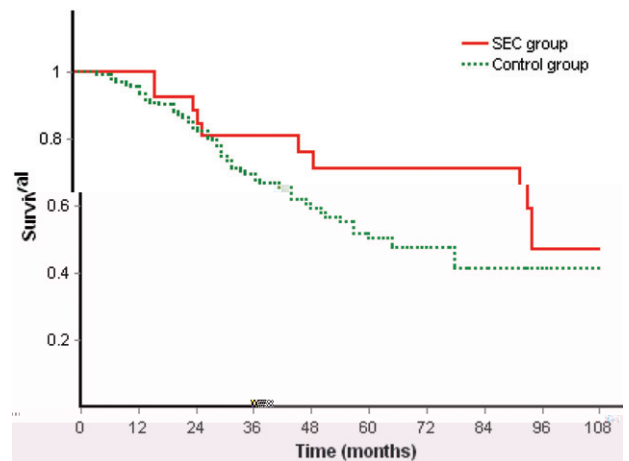
S
 (= 0.25) (= 0.856).
 (= 0.257, 2).
 S =
 SEC
 1 (= 0.153,
 3) 2
 (= 0.132). B SEC
 1 (94.1 ± 8.9 65.6 ±
 1.9) 2 (76.8 ± 8.2
 48.6 ± 2).

D ea e-fee v a a e a d r c fac

17
 (1 95 ; 2.5 97.5 2.2
 82.1) SEC 17
 (1 98 , 2.5 97.5 1
 64.3)
 30.8 ± 3.4
 25.2 ± 0.7 SEC
 1, 2, 3, 4 5 64%, 43.2%, 31.2%,
 16.7%, 16.7% SEC 59.1%,
 36.7%, 21.2%, 14.5% 7.6%
 (= 0.195)
 (6.06%) SEC
 31 (10.54%)
 (= 0.267)
 1, 2, 3, 4
 62%, 44.4%, 37% 14.8% SEC
 56.6%, 27.7%, 9.4% 7.5%
 2 (4),
 (= 0.032)
 (= 0.030)
 (= 0.023) 42.4 ± 7.1
 19.6 ± 1.3 SEC
 2
 (= 0.984)
 1

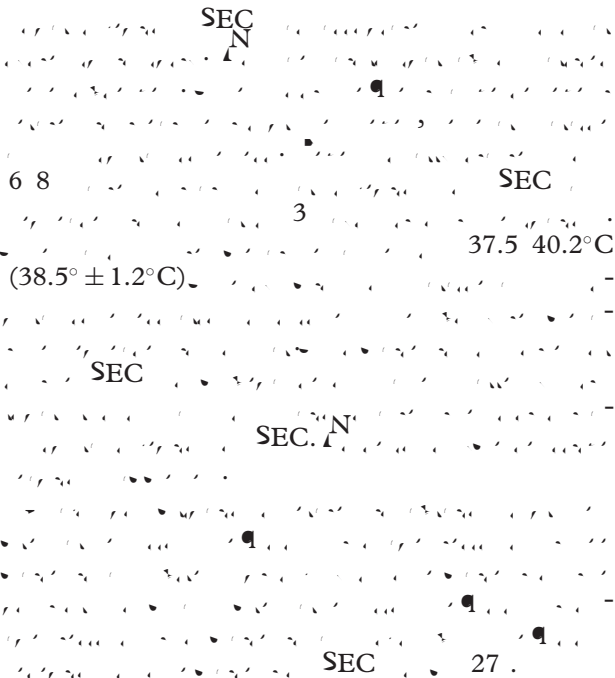


2. S (0.257).



3. S SEC (0.153).

Ad e e e e



Discussion

28.

D

29.

C

30.

31.

32 34.

A

CC

8 11

N

-1, -2, -6, N

35 37

SEC

SEC

(D > 30)

SEC, A, C

SEC

A

SEC

SEC

SEC

30 A
38, 39 B

SEC
24

A
SEC

SEC
40, 41

SEC 3 6
S

42

SEC A
SEC

SEC

SEC

SEC

SEC

SEC

A A

S A
CC

SEC

SEC
CC
A

CC

Declaration of interest: S
N S B
(30672016)

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10. N, S, A, S, S, S, S

