ERRATUM



Erratum to: Thoracic and cardiovascular surgery in Japan during 2013

Annual report by The Japanese Association for Thoracic Surgery

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The following errors appeared in the above-cited article. (A) Cardiovascular surgery section: in the 3rd paragraph, on the 4th line, "9168 cases in 2003" should read "9165 cases in 2003"; on the 6th line, "15,757 cases in thoracic aortic aneurysm" should read "15,758 cases in thoracic aortic aneurysm"; on the 8th line, "4.0, 4.6 and 14.6%, respectively" should read "4.0, 4.7 and 14.6%, respectively"; on the 10th line, "16,752 cases" should read

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"16,560 cases"; and on the 13th line, "83.4% increase" should read "83.8% increase". In the 5th paragraph, on the 14th line, "6.7% in 2003" should read "6.9% in 2003". In the 6th paragraph, on the 2nd line, "83.4%" should read "83.8%"; on the 4th line, "placement" should read "replacement", and "2.2 and 3.7%" should read "2.9 and 5.4%"; on the 6th line, "0.8%" should read "1.1%"; on the 25th line, "38.2%" should read "38.3%"; and on the 26th line, "41.9%" should read "59.4%". In the 7th paragraph, on the 11th line, "23.4%" should read "22.4%". In the 8th paragraph, on the 3rd line, "1.0 and 1.7%" should read "0.8 and 1.4%"; on the 10th line, "5.5%" should read "7.3%"; and on the 14th line, "8.5–6.4%" should read "8.0–6.4%". In the 9th paragraph, on the 2nd line, "414

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Table 5 Thoracic aortic aneurysm (total; 15,758)

(1) Dissection (total; 6787)

Replaced site Stanford type

	Acute								Chronic								Concomitant	nitant				Redo			
	4				В				4				В				ореганоп	Ē							
	Cases	30-day mortality	ality	Hospital	Cases	30-day mortality	nortality	Hospital	Cases	30-day mortality	vrtality	Hospital	Cases	30-day mortality	ortality	Hospital	AVP	AVR	MVP	MVR	CABG	Cases	30-day mortality	ortality	Hospital
		Hospital	After discharge	mortality		Hospital	After discharge	mortality		Hospital	After discharge	- mortality		Hospital	After discharge	mortality							Hospital	After discharge	mortality
1. Ascending Ao.	2608	186 (7.1)	2 (0.1)	217 (8.3)	4	0 (0.0)	0	1 (25.0)	186	3 (1.6)	0	6 (3.2)	∞	0.00)	0	0 (0.0)	216	111	17	∞	132	51	2 (3.9)	0	4 (7.8)
2. Aortic Root	197	34 (17.3)	0	35 (17.8)	0	0	0	0	65	6 (9.2)	0	7 (10.8)	1	0	0	0	37	185	9	-	42	38	5 (13.2)	0	5 (13.2)
3. Ascending Ao. + Arch	1393	108 (7.8)	0	124 (8.9)	32	1 (3.1)	0	2 (6.3)	282	6 (2.1)	0	11 (3.9)	112	3 (2.7)	0	4 (3.6)	106	62	8	4	95	91	4 (4.4)	0	8 (8.8)
4. Arch + descending Ao.	25	1 (4.0)	0	2 (8.0)	9	1 (16.7)	0	2 (33.3)	31	4 (12.9)	0	4 (12.9)	99	4 (7.1)	0	4 (7.1)	0	0	0	0	2	17	6 (35.3)	0	5 (29.4)
5. Aortic Root + Asc. Ao. + Arch	98	12 (14.0)	0	14 (16.3)	7	0	0	0	33	1 (3.0)	0	1 (3.0)	13	0	0	0	22	82	-	0	15	18	0	0	0
6. Descending Ao.	13	3 (23.1)	0	3 (23.1)	37	6 (16.2)	0	5 (13.5)	84	2 (2.4)	0	3 (3.6)	270	12 (4.4)	0	17 (6.3)	0	0	0	0	4	41	1 (2.4)	0	3 (7.3)
7. Thoracoabdominal Ao.	-	0	0	0	Ξ	1 (9.1)	0	3 (27.3)	29	4 (13.8)	0	4 (13.8)	145	9 (6.2)	0	12 (8.3)	0	0	0	0	-	47	5 (10.6)	0	6 (12.8)
8. Extra-anatomical bypass	41	2	0	2 (14.3)	24	2 (8.3)	0	3 (12.5)	2	0	0	0.00)	С	0	0	0	0	0	0	0	0	8	1 (33.3)	0	1 (33.3)
9. Stent graft*a	107	9 (8.4)	0	7 (6.5)	181	17 (9.4)	0	21 (11.6)	139	0	0	1 (0.7)	587	6 (1.0)	1 (0.2)	12 (2.0)	9	2	0	0	3	70	2 (2.9)	0	3 (4.3)
1) TEVARI*b	84	7 (14.6)	0	7 (14.6)	179	16 (8.9)	0	20 (11.2)	119	0	0	1 (0.8)	929	6 (1.1)	1 (0.2)	12 (2.2)	S	-	0	0	-	89	2 (2.9)	0	3 (4.3)
2) Open stent	59	2 (3.4)	0	3 (5.1)	2	1 (50.0)	0	1 (50.0)	20	0	0	0	31	0	0	0	1	-	0	0	2	2	0	0	0
a) With total arch*c	59	2 (3.4)	0	3 (5.1)	2	1 (50.0)	0	1 (50.0)	20	0	0	0	16	0	0	0	1	-	0	0	2	-	0	0	0
b) Without total arch*d	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	-	0	0	0
3) Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4444	355 (8.0)	2 (0.05)	404 (9.1)	297	28 (9.4)	0	37 (12.5)	851	26 (3.1)	0	37 (4.3)	1195	34 (2.8)	1 (0.1)	49 (4.1)	387	445	27	13	294	376	26 (6.9)	0	35 (9.3)

Ao aora, AVP aortic valve repair, AVR aortic valve replacement, MVP mittal valve repair, MVR mittal valve replacement, CABG coronary artery bypass grafting, TEVAR thoracic endovascular aortic (aneurysm) repair

Acute, within 2 weeks from the onset

*a = *b + *c + *d + unspecified

Table 5 continued (2) Non-dissection (total; 8971)

Replaced site	Unruptured	nred			Ruptured	p			Concon	Concomitant operation	ation		22	Redo			CPB (-)			
	Cases	30-day mortality	ortality	Hospital	Cases	30-day mortality	tality	Hospital	AVP	AVR	MVP N	MVR C	CABG	Cases 30-	30-day mortality	Hospital	Cases	30-day mortality	ortality	Hospital
		Hospital	After discharge	- mortality		Hospital	After discharge	· mortality						Ho	Hospital After discharge	- mortality		Hospital	After discharge	- mortality
1. Ascending Ao.	1201	25 (2.1)	0	32 (2.7)	62	7 (11.3)	0	9 (14.5)	40	820	67 3	39 1	147	95 7 (3	7 (7.4) 0	10 (10.5)	2	0	0	0
2. Aortic Root	928	16 (1.7)	1 (0.1)	24 (2.6)	31	8 (25.8)	0	8 (25.8)	232	631	54	24	95 14	145 13	13 (9.0) 0	14 (9.7)	-	0	0	0
3. Ascending Ao. + Arch	2151	44 (2.0)	0	72 (3.3)	173	25 (14.5)	0	37 (21.4)	33	201	28	8	327 10	05 8	0 (9.7) 8	10 (9.5)	9	0	0	0
 Arch + descending Ao. 	104	6 (5.8)	0	9 (8.7)	23	3 (13.0)	0	5 (21.7)	0	2	0	-	7	1 3 (3 (27.3) 0	4 (36.4)	∞	0	0	0
5. Aortic root $+$ Asc. Ao. $+$ Arch	109	1 (0.9)	0	2 (1.8)	S	2 (40.0)	0	2 (40.0)	24	80	5	-	9	20 3 (1	3 (15.0) 0	3 (15.0)	2	0	0	0
Descending Ao.	343	12 (3.5)	0	18 (5.2)	84	16 (19.0)	0	18 (21.4)	0	0	0	0	4	33 3 (9	3 (9.1) 0	6 (18.2)	26	2 (7.7)	0	2 (7.7)
7. Thoracoabdominal Ao.	372	17 (4.6)	1 (0.3)	28 (7.5)	52	9 (17.3)	0	15 (28.8)	0	0	0	0	1	12 1 (3	1 (2.4) 0	3 (7.1)	11	0	0	0
8. Extra-anatomical bypass	35	0	0	1 (2.9)	2	0	0	0	-	0	0	0	-	1 0	0	0	2	0.00) 0	0	0
9. Stent graft*a	2928	43 (1.5)	1 (0.03)	73 (2.5)	368	39 (10.6)	3 (0.8)	55 (14.9)	7	7	-	0	25 13	122 6 (4	6 (4.9) 1 (0.8)	7 (5.7)	1079	19 (1.8)	3 (0.3)	28 (2.6)
1) TEVAR*b	2774	37 (1.3)	1 (0.04)	66 (2.4)	358	38 (10.6)	3 (0.8)	53 (14.8)	3	1	0	0	5 1	118 5 (4	5 (4.2) 1 (0.8)	6 (5.1)	1059	19 (1.8)	3 (0.3)	28 (2.6)
2) Open stent	154	6 (3.9)	0	7 (4.5)	10	1 (10.0)	0	2 (20.0)	4	9	-	0	20	4 1 (1 (25.0) 0	1 (25.0)	20	0	0	0
a) With total arch*c	112	6 (5.4)	0	7 (6.3)	10	1 (10.0)	0	2 (20.0)	4	5	-	0	16	2 1 (;	1 (50.0) 0	1 (50.0)	0	0	0	0
b) Without total arch*d	42	0	0	0	0	0	0	0	0	-	0	0	4	2 0	0	0	20	0	0	0
3) Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0
Total	8171	164 (2.0) 3 (0.04)	3 (0.04)	259 (3.2)	800	109 (13.6)	3 (0.4)	149 (18.6)	337	1741	155 7	73 6	613 57	574 44	44 (7.7) 1 (0.2)	(6.6)	1137	21 (1.8)	3 (0.3)	30 (2.6)

Values in parenthesis represent mortality %

Ao aorta, AVP aortic valve repair, AVR aortic valve replacement, MVP mitral valve repair, MVR mitral valve replacement, CABG coronary artery bypass grafting, TEVAR thoracic endovascular aortic (aneurysm) repair

^{*}a = *b + *c + *d + unspecified

Table 7 Assisted circulation (total; 1713)

Sites	VAD									Heart-l	ung assist				
	Device			Results						Method		Results			
	Centrifugal	VAS	Others	Not weaned	d		Weaned	i		PCPS	Others	Not weaned		Weaned	
				On going	Death	Transplant	Alive	Deaths	Transplant			Deaths	Transplant	Deaths	Alive
Post cardiotomy															
Left	38	4	7	8	30 (61.2)	0	3	8 (16.3)	0						
Right	0	0	0	0	0	0	0	0	0						
Biventricle															
Left	1	3	0	0	3 (75.0)	0	1	0	0	499	69	274 (48.2)	0	85 (15.0)	209
Right	4	0	0												
Congestive heart f	ailure														
Left	50	41	92	112	38 (20.8)	7	16	9 (4.9)	0						
Right	2	1	0	1	0	0	2	0	0						
Biventricle															
Left	5	22	3	5	14 (46.7)	0	8	3 (10.0)	0	685	29	360 (50.4)	0	105 (14.7)	249
Right	18	11	1												
Respiratory failure	:									106	22	46 (35.9)	0	16 (12.5)	66
Total	118	82	103	126	85 (28.1)	7	30	20 (6.6)	0	1290	120	680 (48.2)	2	206 (14.6)	524

Values in parenthesis represent mortality %

VAD ventricular assist devise, VAS ventricular assist system, PCPS percutaneous cardiopulmonary support

Table 3314. Combined resection of neighboring organ(s)

	Cases	30 day m	ortality	Hospital mortality
		Hospital	After discharge	
14. Combined resection of neighboring organ(s)	1581	7 (0.4)	3 (0.2)	19 (1.2)
(A) Primary lung cancer (organ resected)				
Aorta	16	0	0	0
Superior vena cava	40	0	0	0
Brachiocephalic vein	12	0	0	0
Pericardium	177	2 (1.1)	0	3 (1.7)
Pulmonary artery	227	1 (0.4)	0	1 (0.4)
Left atrium	45	0	0	1 (2.2)
Diaphragm	98	1 (1.0)	0	1 (1.0)
Chest wall (including ribs)	500	1 (0.2)	0	9 (1.8)
Vertebra	31	0	0	3 (9.7)
Esophagus	12	0	0	0
Total	1158	5 (0.4)	0	18 (1.6)
(B) Mediastinal tumor (organ resected)				
Aorta	3	0	0	0
Superior vena cava	69	0	0	1 (1.4)
Brachiocephalic vein	93	1 (1.1)	0	1 (1.1)
Pericardium	267	1 (0.4)	0	2 (0.7)
Pulmonary artery	9	0	0	0
Left atrium	2	0	0	0
Diaphragm	16	0	0	0
Chest wall (including ribs)	20	0	0	0
Vertebra	7	0	0	0
Esophagus	1	0	0	0
Lung	277	1 (0.4)	0	1 (0.4)
Total	764	3 (0.4)	0	5 (0.7)

Values in parenthesis represent mortality %

operations" should read "840 operations"; and on the 4th line, "298 operations" should read "371 operations". In the 11th paragraph, on the 6th line, "8171 cases" should read "8971 cases"; and on the 9th line, "2.2%" should read "3.2%". In the 13th paragraph, on the 4th line, "42% increase" should read "4.2% increase".

Additionally, there are some errors in the following tables. Table 3 (3), on the 4th line (4 Damus–Kaye–Stansel operation), values of the columns "Neonate; Hospital mortality", "Infant; 30-day mortality; Hospital", and "Infant; Hospital mortality" should be "1 (33.3)", "4 (8.0)", and "6 (12.0)",

not "1", "4", and "6", respectively. The title for Table 9 should read "Pacemaker + ICD (total; 4660)". In (B) General thoracic surgery section, Table 33, the first line of the column "30-day mortality; Hospital" should read "7 (0.4)", not "7 (1.4)". Other tables with errors and their corrections are given below.

In addition, the following error appeared in the above-cited article. (A) Cardiovascular surgery section: in the 2nd paragraph, on the 6th line, "A total of 67,325 cardiovascular operations" should read "A total of 65,312 cardiovascular operations".

