Correction to: Current situation of cancer among adolescents and young adults in Japan

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In the original publication, Tables 4 and 5 have not been published in a readable format. The corrected clear version is given in this Correction.

The other errors and their corrections are given below.
The publisher sincerely apologizes for the errors.
The original article has been corrected.

The original article can be found online at <https://doi.org/10.1007/s10147-018-1323-2>.

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Page	Column	Line	In the original article	Should be
1	1	21	approach (217 words)	approach
2	2	114	1481	1,481
	2	127	7587	7,587
	Table 1		1481	1,481
	Table 1		2209	2,209
	Table 1		4349	4,349
	Table 1		6674	6,674
3	Table 2		4992	4,992
	Table 2		7587	7,587
4	Table 3		1077	1,077
	Table 3		8111	8,111
	Table 3		1734	1,734
4	Table 3		1726	1,726
	Table 3		1045	1,045
5	Table 3		1664	1,664
5	Table 3		8111	8,111
5	Table 3		2578	2,578
5	Table 3		5500	5,500
5	Table 3		4334	4,334
5	Table 3		3768	3,768
5	Table 3		4178	4,178
8	Table 4		th	the
9	Table 5		1080	1,080

Table 4 Certification details of healthcare workers and facilities

Age group 15–24 y/o, “A”’s				
Hospital category ^a	Small	Medium	Large	p
Number of AYA “A” patients per hospital, IQRs	≤2	3–10	≥ 11	
No. of hospitals	45	151	47	
Availability, % of the hospitals	% of the 45	% of the 151	% of the 47	
Certified doctors/nurses				
General clinical oncology (JBCT)	91.1	95.4	93.6	NS
Medical oncology (JSMO)	31.1	54.3	85.1	<0.001
Neurosurgery (JNS)	88.9	88.7	91.5	NS
Urology (JUA)	88.9	88.1	93.6	NS
Orthopedics (JOA)	95.6	89.4	93.6	NS
Hematology (JSH)	60.0	80.1	93.6	<0.001
Gynecological oncology (JSGO)	26.7	49.7	85.1	<0.001
Breast (JBGS)	60.0	65.6	87.2	<0.001
Pediatric blood and cancer (JSPHO)	6.7	14.6	55.3	<0.001
Radiation therapy (JASTRO)	66.7	72.8	95.7	<0.005
Palliative medicine (JSPM)	8.9	21.2	48.9	<0.001
Reproductive medicine (JSOG:ART)	4.4	13.2	55.3	<0.001
Psycho-oncology (JPOS)	20.0	53.0	76.6	<0.001
Nurse: special nursing care for cancer (JNA)	95.6	88.1	93.6	NS
Nurse: pharmaceutical therapy for cancer (JNA)	84.4	85.4	83.0	NS
Nurse: palliative medicine (JNA)	4.4	9.3	23.4	<0.01
Pharmacists: specialized in cancer (JSHP)	4.4	12.6	27.7	<0.005
Child life specialist, etc.	2.2	7.3	19.1	<0.01
Certified facilities/institutions				
Japanese Board of Cancer Therapy (JBCT)	84.4	86.1	95.7	NS
Japanese Society of Medical Oncology (JSMO)	46.7	64.2	89.4	<0.001
Japanese Breast Cancer Society (JBGS)	71.1	76.8	89.4	NS
The Japan Society for Hematopoietic Cell Transplantation (JSHCT)	6.7	9.3	31.9	<0.001
Japan Thyroid Association (JTA)	2.2	19.9	42.6	<0.001
Japan Society of Obstetrics and Gynecology: ART (JSOG)	6.7	16.6	44.7	<0.001

Table 4 (continued)

Age group 25–39 y/o, “YA”’s				
Hospital category ^a	Small	Medium	Large	<i>p</i>
Number of AYA “YA” patients per hospital, IQRs	≤21	22–84	≥ 85	
No. of hospitals ^b	53	104	51	
Availability, % of the hospitals	% of the 53	% of th 104	% of the 51	
Certified doctors/nurses				
General clinical oncology (JBCT)	88.7	97.1	94.1	NS
Medical oncology (JSMO)	28.3	56.7	84.3	<0.001
Neurosurgery (JNS)	79.3	96.2	89.4	<0.005
Urology (JUA)	75.5	97.1	90.2	<0.001
Orthopedics (JOA)	86.8	96.2	88.2	NS
Hematology (JSH)	52.8	87.5	90.2	<0.001
Gynecological Oncology (JSGO)	11.3	55.8	92.2	<0.001
Breast (JBGS)	32.1	79.8	86.3	<0.001
Pediatric Blood and Cancer (JSPHO)	1.9	13.5	52.9	<0.001
Radiation therapy (JASTRO)	43.4	86.5	92.2	<0.001
Palliative medicine	9.4	22.1	47.1	<0.001
Reproductive medicine (JSOG:ART)	0.0	14.4	51.0	<0.001
Psycho-oncology (JPBS)	3.8	8.7	29.4	<0.001
Nurse: special nursing care for cancer (JNA)	15.1	56.7	72.6	<0.001
Nurse: pharmaceutical therapy for cancer (JNA)	79.3	96.2	92.2	<0.005
Nurse: palliative medicine (JNA)	83.0	86.5	84.3	NS
Pharmacists: specialized in cancer (JSHP)	3.8	11.5	15.7	NS
Child life specialist, etc.	0.0	5.8	19.6	<0.005
Certified facilities/institutions				
Japanese Board of Cancer Therapy (JBCT)	83.0	90.4	94.1	NS
Japanese Society of Medical Oncology (JSMO)	41.5	74.0	86.3	<0.001
Japanese Breast Cancer Society (JBGS)	58.5	88.5	88.2	<0.001
The Japan Society for Hematopoietic Cell Transplantation (JSHCT)	1.9	12.5	29.4	<0.001
Japan Thyroid Association (JTA)	3.8	21.2	39.2	<0.001
Japan Society of Obstetrics and Gynecology: ART (JSOG)	5.7	18.3	39.2	<0.001

JBCT Japanese Board of Cancer Therapy, *JSMO* Japanese Society of Medical Oncology, *JNS* The Japan Neurosurgical Society, *JUA* The Japanese Urological Association, *JOA* The Japanese Orthopaedic Association, *JSH* The Japanese Society of Hematology, *JSOG* The Japan Society of Gynecologic Oncology, *JBGS* Japanese Breast Cancer Society, *JSPHO* The Japanese Society of Pediatric Hematology/Oncology, *JASTRO* Japanese Society for Radiation Oncology, *JSPM* Japanese Society for Palliative Medicine, *JSOG:ART* Japan Society of Obstetrics and Gynecology: Assisted Reproductive Technology, *JPBS* Japan Psycho-Oncology Society, *JNA* Japanese Nursing Association, *JSHP* Japanese Society of Hospital Pharmacists

^aHospital category: small and large hospitals were defined as those below and above, respectively, the interquartile range for annual number of AYA patients per year

^bExcluding hospitals that did not respond to the survey

Table 5 Treatment centralization by cancer topography

Age group 15–24 y/o, “A”

ICD-O cord	Topography	Number of patients ^a	Number of patients in the large hospitals ^b	Centralization
		(A)	(B)	(B/A)%
C42	Hematopoietic systems	27	15	55.6
C53	Cervix uteri (malignant)	0	0	-
	Cervix uteri (in situ, uncertain)	20	7	35.0
C71	Central nervous system (brain)	14	10	71.4
C62	Testis	12	6	50.0
C56	Ovary	5	3	60.0
C73	Thyroid gland	9	6	66.7
C75	Pituitary gland, craniopharyngeal duct	6	4	66.7
Total	“A” patients treating in the 5 prefectures	144	79	54.9

Age group 25–39 y/o, “YA”

ICD-O cord	Topography	Number of patients ^a	Number of patients in the large hospitals ^b	Centralization	Number of patients in the medium and large hospitals ^b	Centralization
		(A)	(B)	(B/A)%	(C)	(C/A) %
C53	Cervix uteri (malignant)	73	39	53.7	69	94.5
	Cervix uteri (in situ, uncertain)	398	101	25.4	315	79.1
C50	Breast	152	42	27.6	133	87.5
C73	Thyroid gland	66	17	25.8	61	92.4
C42	Hematopoietic system	41	11	26.8	38	92.7
C62	Testis	43	23	53.5	37	86.0
C56	Ovary	29	13	44.8	29	100.0
C16	Stomach	44	7	15.9	36	81.8
Total	“YA” patients treating in the 5 prefectures	1,192	300	25.2	1,080	90.6

^aTotal number of patients treating in the 5 prefectures; Nagasaki, Okayama, Miyagi, Shimane, and Yamanashi^bHospitals in the 5 prefectures