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Table 15 Histologic types of biopsy specimens

\* Excluding 277 treatment unknown, missing cases of treatment types

Histologic types	Tot	Total (%)			
Not examined	65	(1.4%)			
SCC	4258	(90.8%)			
SCC	2650	(56.5%)			
Well diff.	323	(6.9%)			
Moderately diff.	971	(20.7%)			
Poorly diff.	314	(6.7%)			
Adenocarcinoma	182	(3.9%)			
Undifferentiated	17	(0.4%)			
Carcinosarcoma	14	(0.3%)			
Malignant melanoma	9	(0.2%)			
Other tumors	50	(1.1%)			
Dysplasia	. 0	(0.0%)			
Unknown	97	(2.1%)			
Total	4692				
Missing	25				

Table 16 Depth of tumor invasion, cT (UICC TNM 6th)

\* Excluding 277 treatment unknown, missing cases of treatment types

сT	Total (%)				
cTX	13	(0.3%)			
сТО	12	(0.3%)			
cTis	154	(3.3%)			
cT1	211	(4.5%)			
cT1a	560	(11.9%)			
cT1b	763	(16.3%)			
cT2	592	(12.6%)			
сТ3	1666	(35.5%)			
cT4	616	(13.1%)			
Unknown	108	(2.3%)			
Total	4695				
Missing	22				

Table 17 Lymph node metastasis, cN (UICC TNM 6th)

\* Excluding 277 treatment unknown, missing cases of treatment types

cN	Total (%)					
cNX	42	(0.9%)				
cN0	2173	(46.3%)				
cN1	2340	(49.8%)				
Unknown	140	(3.0%)				
Total	4695					
Missing	22					

Table 18 Distant metastasis, cM (UICC TNM 6th)

\* Excluding 277 treatment unknown, missing cases of treatment types

сМ	Total (%)				
cMX	40	(0.9%)			
сМ0	3895	(82.9%)			
cM1	169	(3.6%)			
cM1a	108	(2.3%)			
cM1b	382	(8.1%)			
Unknown	102	(2.2%)			
Total	4696				
Missing	21				

## II. Clinical results of patients treated with endoscopy in 2006



Table 20 Clinical stage (UICC TNM 6th)

\* Excluding 277 treatment unknown, missing cases of treatment types

	End	Endoscopic		C) .1 .1		Su				
cStage		atment (%)	İ	erapy and/or erapy (%)		ve surgery (%)	Esophage	Esophagectomy (%)		al (%)
0	142	(20.4%)	1	(0.1%)	1	(0.6%)	12	(0.5%)	156	(3.3%)
I	478	(68.7%)	168	(12.8%)	42	(26.3%)	588	(23.3%)	1276	(27.2%)
IIA	6	(0.9%)	121	(9.2%)	28	(17.5%)	468	(18.5%)	623	(13.3%)
IIB	8	(1.1%)	89	(6.8%)	8	(5.0%)	333	(13.2%)	438	(9.3%)
III	14	(2.0%)	456	(34.7%)	48	(30.0%)	832	(32.9%)	1350	(28.8%)
IV	2	(0.3%)	127	(9.7%)	3	(1.9%)	28	(1.1%)	160	(3.4%)
IVA	1	(0.1%)	46	(3.5%)	3	(1.9%)	56	(2.2%)	106	(2.3%)
IVB	10	(1.4%)	216	(16.5%)	15	(9.4%)	125	(4.9%)	366	(7.8%)
Unknown	35	(5.0%)	89	(6.8%)	12	(7.5%)	84	(3.3%)	220	(4.7%)
Total	696	•	1313		160		2526		4695	
Missing	1		2		0	***************************************	19		22	

Table 22 Treatment details in patients receiving endoscopy

Treatment details	Cas	es (%)
EMR	288	(41.4%)
ESD	354	(50.9%)
EMR + PDT	2	(0.3%)
EMR + YAG laser / APC	6	(0.9%)
EMR + ESD	5	(0.7%)
EMR + other treatment	I	(0.1%)
ESD + other treatment	1	(0.1%)
PDT	2	(0.3%)
YAG laser / APC	1	(0.1%)
YAG laser / APC + ESD	1	(0.1%)
YAG laser / APC + Unknown	1	(0.1%)
Esophageal stent	28	(4.0%)
Esophageal stent + other treatment	2	(0.3%)
Tracheal stent	1	(0.1%)
Others	3	(0.4%)
Total	696	
Missing	1	

EMR: endoscopic mucosal resection, ESD: endoscopic submucosaldissection,

PDT:photodynamic therapy, YAG: yttrium aluminum garnet, APC: Argon plasma coagulation,

MCT: microwave coagulation theraphy

\* "Esophageal stenting + tracheal stenting + other (PEG)" case is included in "Esophageal stenting + tracheal stenting".



Table 26 Complications of EMR/ESD

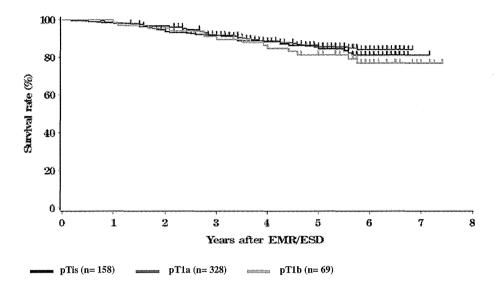
Complications of EMR/ESD	Cases (%)			
None	616	(93.6%)		
Perforation	3	(0.5%)		
Bleeding	5	(0.8%)		
Mediastinitis	1	(0.2%)		
Stenosis	23	(3.5%)		
Stenosis+Others	1	(0.2%)		
Perforation+Stenosis	1	(0.2%)		
Perforation+Stenosis+Others	1	(0.2%)		
Perforation+Bleeding	1	(0.2%)		
Perforation+Others	1	(0.2%)		
Others	5	(0.8%)		
Unknown	0	(0.0%)		
Total	658			
Missing	4			

Table 30 Depth of tumor invasion of EMR/ESD specimens

Pathological depth of tumor invasion (pT)	Cases (%)			
pTX	2	(0.3%)		
pT0	14	(2.1%)		
pTis	183	(27.9%)		
pT1a	369	(56.2%)		
pTlb	80	(12.2%)		
pT2	3	(0.5%)		
Unknown	6	(0.9%)		
Total	657			
Missing	5			

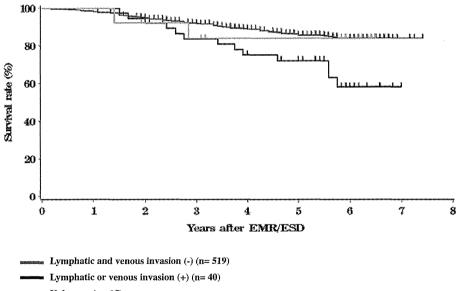


Fig. 3 Survival of patients treated by EMR/ESD in relation to the pathological depth of tumor invasion (pT)



	Years after EMR/ESD								
	1	2	3	4	5	6	7	. 8	
pTis	98.0%	96.7%	91.7%	88.8%	84.6%	81.2%	81.2%	81.2%	
pT1a	98.4%	94.3%	91.9%	88.2%	85.6%	84.2%	84.2%	-	
pT1b	98.5%	95.5%	91.0%	86.4%	81.5%	76.9%	76.9%	76.9%	

**Fig. 4** Survival of patients treated by EMR/ESD in relation to the lymphatic or venous invasion



Unknown (n= 15)

	Years after EMR/ESD								
	1	2	3	4	5	6	7	8	
Lymphatic and venous invasion (-)	98.2%	95.2%	92.3%	89.1%	85.7%	84.3%	84.3%	84.3%	
Lymphatic or venous invasion (+)	100.0%	92.1%	83.7%	75.4%	72.2%	58.3%	58.3%	58.3%	
Unknown	100.0%	92.3%	83.9%	83.9%	83.9%	83.9%	83.9%	-	



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## III. Clinical results in patients treated with chemotherapy and/or radiotherapy in 2006

Table 33 Dose of irradiation (non-surgically treated cases)

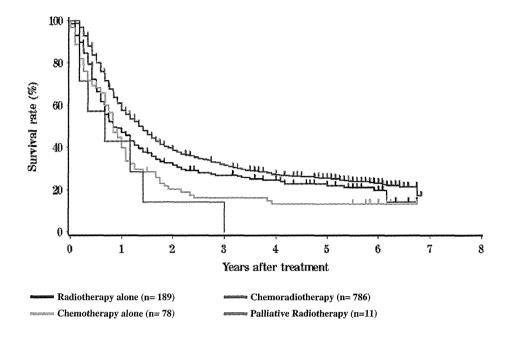
	Radiotherapy										
Dose of irradiation (Gy)	adiation (Gy) alone (%)		with chemotherapy (%)		Palliative (%)		Recurrence (%)		Others (%)	Total (%)	
0	0	(0.0%)	0	(0.0%)	0	(0.0%)	0	(0.0%)	0	0	(0.0%)
-29	4	(1.3%)	5	(6.0%)	12	(13.2%)	4	(33.3%)	0	25	(5.1%)
30-39	5	(1.6%)	2	(2.4%)	10	(11.0%)	3	(25.0%)	0	20	(4.1%)
40-49	21	(6.9%)	5	(6.0%)	15	(16.5%)	0	(0.0%)	0	41	(8.3%)
50-59	45	(14.8%)	6	(7.1%)	19	(20.9%)	2	(16.7%)	0	72	(14.6%)
60-69	210	(68.9%)	54	(64.3%)	28	(30.8%)	2	(16.7%)	0	294	(59.8%)
70-	20	(6.6%)	12	(14.3%)	7	(7.7%)	1	(8.3%)	0	40	(8.1%)
Total	305		84		91		12		0	492	
Median (min - max)	60 (	2 - 70)	61.	7 (2-70)	50.4	(2.5 - 70)	34	(6-70)	-	60 (	(2-70)
Missing	12		0		3		0		0	15	

Table 34 Dose of irradiation (surgically treated cases)

Dose of irradiation (Gy)	Preop	oe RT (%)	Postope RT (%)		
0	0	(0.0%)	0	(0.0%)	
-29	5	(2.8%)	1	(1.2%)	
30-39	52	(29.1%)	10	(12.3%)	
40-49	97	(54.2%)	29	(35.8%)	
50-59	2	(1.1%)	21	(25.9%)	
60-69	22	(12.3%)	19	(23.5%)	
70-	1	(0.6%)	1	(1.2%)	
Total	179		81		
Median (min - max)	40 ( 20 - 66 )		6) 50 (20 - 70		
Missing	14		2		



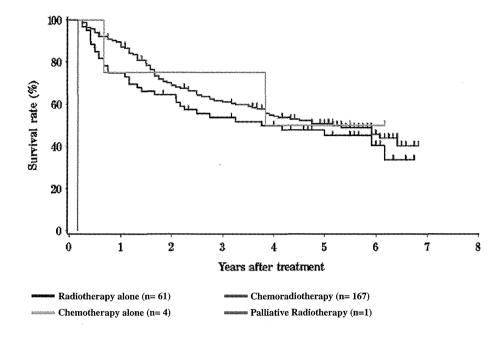
Fig. 5 Survival of patients treated by chemotherapy and/or radiotherapy



		Years after treatment							
	1	2	3	4	5	6	7	8	
Radiotherapy alone	47.1%	32.8%	27.0%	24.7%	22.0%	19.9%	14.3%	-	
Chemoradiotherapy	57.6%	39.7%	32.3%	27.4%	25.7%	23.2%	17.3%	-	
Che mothe rapy alone	28.9%	12.2%	9.1%	6.1%	3.0%	3.0%	3.0%	-	
Palliative Radiotherapy	42.9%	14.3%	14.3%	-			-	_	



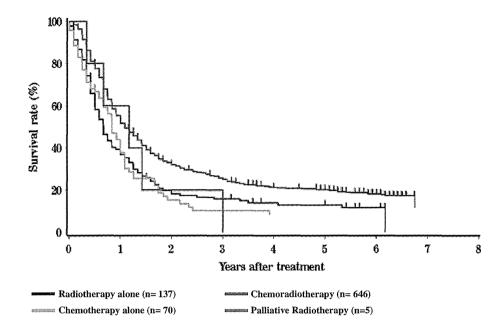
Fig. 6 Survival of patients treated by chemotherapy and/or radiotherapy (cStage I-IIA)



	Years after treatment								
-	1	2	3	4	5	6	7	8	
Radiotherapy alone	74.8%	64.3%	53.5%	49.7%	45.0%	40.5%	33.7%	-	
Chemoradiotherapy	87.2%	69.4%	61.6%	54.9%	50.6%	45.7%	40.1%	-	
Chemotherapy alone	75.0%	75.0%	75.0%	50.0%	50.0%	50.0%	-	-	
Palliative Radiotherapy	-	•	-	•	-	•		-	



Fig. 7 Survival of patients treated by chemotherapy and/or radiotherapy (cStage IIB-IVB)



		Years after treatment							
-	1	2	3	4	5	6	7	8	
Radiotherapy alone	36.9%	19.9%	15.8%	13.9%	12.8%	11.7%	-	-	
Chemoradiotherapy	51.6%	33.0%	25.7%	21.4%	20.3%	18.2%	-	-	
Chemotherapy alone	37.8%	15.3%	10.2%	8.5%	8.5%	8.5%	-	-	
Palliative Radiotherapy	60.0%	20.0%	0.0%	-	-	-	-	-	

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## IV. Clinical results in patients treated with esophagectomy in 2006

Table 42 Tumor location

Locations	Cases (%)			
Cervical	81	(3.2%)		
Upper thotacic	290	(11.5%)		
Middle thoracic	1193	(47.2%)		
Lower thoracic	734	(29.0%)		
Abdominal	187	(7.4%)		
EG	21	(0.8%)		
EG-Junction (E=G)	18	(0.7%)		
Unknown	4	(0.2%)		
Total lesions	2528			
Total cases	2542			
Missing	3			

EG:

esophago-gastric

Table 43 Approaches to tumor resection

Approaches	Cases (%)			
Cervical approach	113	(4.5%)		
Right thoracotomy	2063	(81.3%)		
Left thoracotomy	41	(1.6%)		
Left thoracoabdominal approach	53	(2.1%)		
Laparotomy	100	(3.9%)		
Transhiatal lower esophagectomy	34	(1.3%)		
Transhiatal thoracic esophagectomy	72	(2.8%)		
Sternotomy	7	(0.3%)		
Others	51	(2.0%)		
Unknown	5	(0.2%)		
Total	2539			
Missing	6			

Table 44 Endoscopic surgery

Endoscopic surgery	Cases (%)		
None	1994	(79.3%)	
Thoracoscopy-assisted	234	(9.3%)	
Laparoscopy-assisted	87	(3.5%)	
Thoracoscopy + Laparoscopy-assisted	154	(6.1%)	
Mediastinoscopy-assisted	34	(1.4%)	
Thoracoscopy + Mediastinoscopy-assisted	0		
Laparoscopy + Mediastinoscopy-assisted	0	(0.0%)	
Others	11	(0.4%)	
Unknown	1	(0.0%)	
Total	2515		
Missing	30		



Table 45 Fields of lymph node dissection according to the location of the tumor

## \* Excluding pharynx and missing 16 cases of locations

Locations		Cevical		Jpper oracic		liddle oracic		Lower Ioracic	Ab	dominal		EGJ	Т	`otal
Region of lymphadenectomy	C	ases (%)	Ca	ses (%)	Cas	ses (%)	Ca	ses (%)	Ca	ses (%)	Ca	ases (%)	Cas	es (%)
None	13	(16.0%)	23	(8.0%)	56	(4.7%)	34	(4.7%)	7	(3.6%)	3	(7.7%)	136	(5.4%)
C	17	(21.0%)	3	(1.0%)	10	(0.8%)	2	(0.3%)	0	(0.0%)	0	(0.0%)	32	(1.3%)
C+UM	23	(28.4%)	1	(0.3%)	1	(0.1%)	1	(0.1%)	0	(0.0%)	0	(0.0%)	26	(1.0%)
C+UM+MLM	3	(3.7%)	10	(3.5%)	26	(2.2%)	5	(0.7%)	0	(0.0%)	0	(0.0%)	44	(1.8%)
C+UM+MLM+A	16	(19.8%)	172	(59.9%)	610	(51.6%)	276	(37.8%)	20	(10.4%)	2	(5.1%)	1096	(43.6%)
C+UM+A	4	(4.9%)	1	(0.3%)	3	(0.3%)	5	(0.7%)	1	(0.5%)	0	(0.0%)	14	(0.6%)
C+MLM	17	(21.0%)	3	(1.0%)	12	(1.0%)	3	(0.4%)	1	(0.5%)	1	(2.6%)	37	(1.5%)
C+MLM+A	0	(0.0%)	1	(0.3%)	5	(0.4%)	6	(0.8%)	1	(0.5%)	0	(0.0%)	13	(0.5%)
C+A	2	(2.5%)	1	(0.3%)	2	(0.2%)	1	(0.1%)	0	(0.0%)	0	(0.0%)	6	(0.2%)
UM	0	(0.0%)	1	(0.3%)	4	(0.3%)	0	(0.0%)	1	(0.5%)	0	(0.0%)	6	(0.2%)
UM+MLM	0	(0.0%)	2	(0.7%)	16	(1.4%)	9	(1.2%)	2	(1.0%)	0	(0.0%)	29	(1.2%)
UM+MLM+A	2	(2.5%)	65	(22.6%)	393	(33.2%)	292	(40.0%)	42	(21.9%)	5	(12.8%)	799	(31.8%)
UM+A	1	(1.2%)	0	(0.0%)	2	(0.2%)	2	(0.3%)	1	(0.5%)	1	(2.6%)	7	(0.3%)
MLM	0	(0.0%)	0	(0.0%)	2	(0.2%)	1	(0.1%)	1	(0.5%)	1	(2.6%)	5	(0.2%)
MLM+A	0	(0.0%)	5	(1.7%)	40	(3.4%)	87	(11.9%)	88	(45.8%)	19	(48.7%)	239	(9.5%)
A	0	(0.0%)	2	(0.7%)	12	(1.0%)	7	(1.0%)	27	(14.1%)	8	(20.5%)	56	(2.2%)
Unknown	0	(0.0%)	0	(0.0%)	1	(0.1%)	2	(0.3%)	1	(0.5%)	0	(0.0%)	4	(0.2%)
Total	81		287		1183		730		192		39		2512	
Missing	0		3		10		4		0		0		17	

Table 47 Reconstruction route

Reconstruction route	Car	ses (%)
None	41	(1.7%)
Subcutaneous	285	(11.7%)
Anterior mediastinal	868	(35.6%)
Intrathoracic	369	(15.1%)
Posterior mediastinal	828	(33.9%)
Cervical	23	(0.9%)
Others	18	(0.7%)
Unknown	9	(0.4%)
Total	2441	
Missing	15	

Table 48 Organs used for reconstruction

Organs used for reconstruction	Cases (%)			
None	46	(1.8%)		
Whole stomach	109	(4.3%)		
Gastric tube	1989	(77.6%)		
Jejunum	103	(4.0%)		
Free jejunum	46	(1.8%)		
Colon	112	(4.4%)		
Free colon	14	(0.5%)		
Skin graft	1	(0.0%)		
Others	140	(5.5%)		
Unknown	3	(0.1%)		
Total lesions	2563			
Total cases	2541			
Missing	4			

Table 55 Histological classification

Histological classification	Cases (%)			
Not examined	2	(0.1%)		
SCC	2233	(88.3%)		
SCC	348	(13.8%)		
Well diff.	486	(19.2%)		
Moderately diff.	1013	(40.1%)		
Poorly diff.	386	(15.3%)		
Adenocarcinoma	80	(3.2%)		
Barrett's adenocarcinoma	42	(1.7%)		
Adenosquamous cell carcinoma	11	(0.4%)		
(Co-existing)	2	(0.1%)		
(Mucoepidermoid carcinoma)	2	(0.1%)		
Adenoid cystic carcinoma	2	(0.1%)		
Basaloid carcinoma	37	(1.5%)		
Undiff. carcinoma (small cell)	13	(0.5%)		
Undiff. carcinoma	6	(0.2%)		
Other carcinoma	7	(0.3%)		
Sarcoma	0	(0.0%)		
Carcinosarcoma	22	(0.9%)		
Malignant melanoma	8	(0.3%)		
Dysplasia	3	(0.1%)		
Other	20	(0.8%)		
Unkown	38	(1.5%)		
Total	2528			
Missing	17			

SCC: Squamous cell carcinoma



Table 56 Depth of tumor invasion

pT-category	Cases (%)			
pTX	11	(0.4%)		
pT0	38	(1.5%)		
pTis	29	(1.1%)		
pT1a	218	(8.6%)		
pT1b	614	(24.3%)		
pT2	375	(14.8%)		
pT3	1066	(42.2%)		
pT4	145	(5.7%)		
Other	0	(0.0%)		
Unknown	33	(1.3%)		
Total	2529			
Missing	16			

Lymph node metastasis	Cases (%)			
pN0	1272	(51.5%)		
pN1	333	(13.5%)		
pN2	490	(19.8%)		
pN3	164	(6.6%)		
pN4	177	(7.2%)		
Unknown	35	(1.4%)		
Total	2471			
Missing	74			

Table 59 Numbers of the metastatic nodes

Numbers of lymph node metastasis	Cases (%)			
0	1057	(42.5%)		
1-2	676	(27.2%)		
3-6	487	(19.6%)		
7-	268	(10.8%)		
Total	2488			
Missing	57			

Table 60 Pathological findings of distant organ metastasis

Distant metastasias (M)	Case	es (%)
MX	27	(1.1%)
мо	2476	(97.6%)
M1	35	(1.4%)
Total	2538	
Missing	7	

Table 61 Residual tumor

Residual tumor (R)	Cases (%)			
RX	157	(6.2%)		
R0	2103	(83.6%)		
R1	132	(5.2%)		
R2	124	(4.9%)		
Unknown	0	(0.0%)		
Total	2516			
Missing	29			



Table 72 Causes of death

\* As of August 31, 2010

Cause of death	Cases (%)		
Death due to recurrence	891	(74.1%)	
Death due to other cancer	52	(4.3%)	
Death due to other disease (rec+)	22	(1.8%)	
Death due to other disease (rec-)	138	(11.5%)	
Death due to other disease (rec?)	15	(1.2%)	
Operative death*	21	(1.7%)	
Postoperative hospital death**	27	(2.2%)	
Unknown	36	(3.0%)	
Total of death cases	1202		
Missing	15		

rec: recurrence

<sup>\*</sup> Death within 30 days, \*\*Death after 30 days

Follow-up peri	od (years)	
Median (min - max)	2.75 (0.00 - 7.41 )	

Fig. 8 Survival of patients treated by esophagectomy

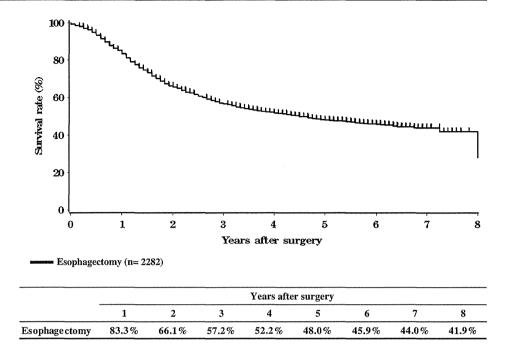
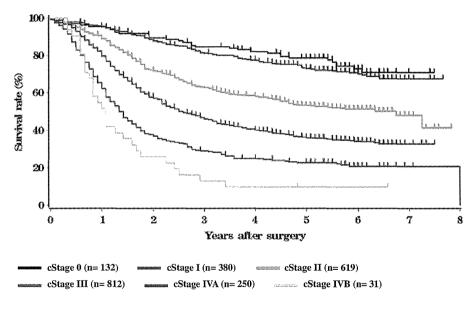
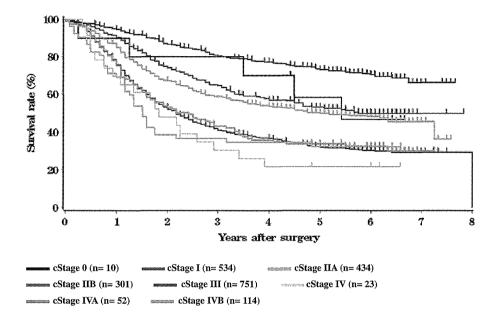


Fig. 9 Survival of patients treated by esophagectomy in relation to clinical stage (JSED TNM 9th)



	Years after surgery									
	1	2	3	4	5	6	7	8		
cStage 0	95.4%	89.3%	84.5%	82.1%	78.7%	72.9%	70.9%	-		
cStage I	95.2%	88.2%	81.5%	77.5%	73.1%	70.3%	67.5%	-		
cStage II	89.0%	72.3%	63.2%	58.6%	53.4%	51.4%	48.1%	41.2%		
cStage III	79.7%	57.7%	46.9%	40.6%	36.1%	34.3%	32.9%	-		
cStage IVA	62.2%	37.7%	29.1%	24.9%	22.6%	20.8%	20.8%	20.8%		
cStage IVB	51.6%	25.8%	12.9%	9.7%	9.7%	9.7%	-	-		

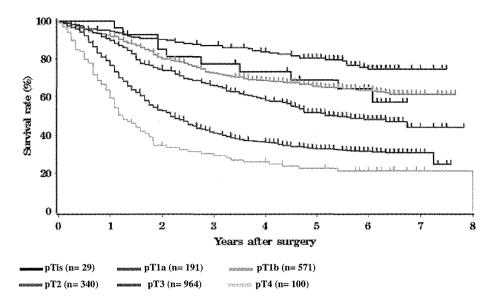
Fig. 10 Survival of patients treated by esophagectomy in relation to clinical stage (UICC TNM 6th)



		Years after surgery								
	1	2	3	4	5	6	7	8		
cStage 0	90.0%	80.0%	80.0%	70.0%	58.3%	46.7%	46.7%	-		
cStage I	94.7%	86.8%	80.9%	77.2%	73.0%	70.5%	66.2%	-		
cStage IIA	85.1%	67.4%	58.8%	54.0%	49.9%	48.1%	45.5%	36.4%		
cStage IIB	90.6%	74.8%	65.1%	58.0%	53.1%	49.9%	49.9%	49.9%		
cStage III	75.6%	52.9%	41.7%	37.0%	32.0%	30.4%	29.5%	29.5%		
cStage IV	69.6%	47.8%	30.4%	21.7%	21.7%	21.7%	-	-		
cStage IVA	69.2%	38.5%	36.5%	34.5%	32.5%	32.5%	-	-		
cStage IVB	75.3%	53.8%	43.0%	35.7%	33.8%	32.6%	30.1%	-		



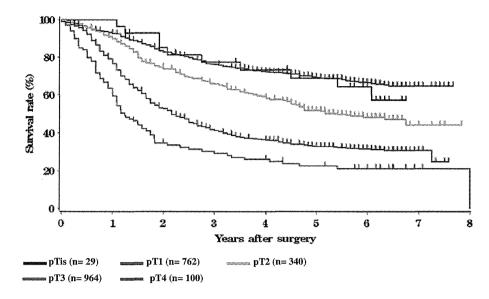
Fig. 11 Survival of patients treated by esophagectomy in relation to the depth of tumor invasion: pT (JSED TNM 9th)



	Years after surgery									
	. 1	2	3	4	5	6	7	8		
pTis	100.0%	85.1%	77.4%	73.3%	69.0%	64.4%		-		
pT1a	94.7%	90.4%	87.1%	83.8%	80.4%	74.7%	74.7%	-		
pT1b	$\boldsymbol{92.0\%}$	80.8%	72.9%	68.7%	65.6%	63.6%	61.4%	61.4%		
pT2	89.9%	74.6%	66.3%	59.3%	51.7%	48.2%	44.0%	44.0%		
pT3	76.6%	53.1%	41.7%	36.6%	32.8%	31.5%	30.8%	-		
pT4	59.5%	34.6%	30.3%	26.0%	22.5%	21.2%	21.2%	21.2%		



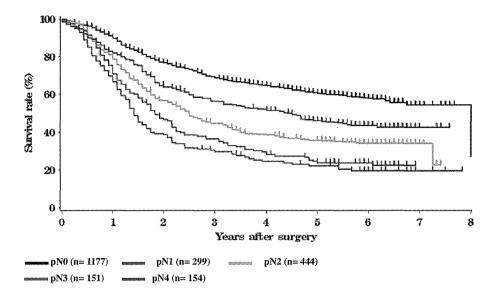
Fig. 12 Survival of patients treated by esophagectomy in relation to the depth of tumor invasion: pT (UICC TNM 6th)



	Years after surgery								
	1	2	3	4	5	6	7	8	
pTis	100.0%	85.1%	77.4%	73.3%	69.0%	64.4%	-	-	
pT1	92.7%	83.3%	76.5%	72.6%	69.3%	66.5%	64.7%	64.7%	
pT2	89.9%	74.6%	66.3%	59.3%	51.7%	48.2%	44.0%	44.0%	
рТ3	76.6%	53.1%	41.7%	36.6%	32.8%	31.5%	30.8%	-	
pT4	59.5%	34.6%	30.3%	26.0%	22.5%	21.2%	21.2%	21.2%	



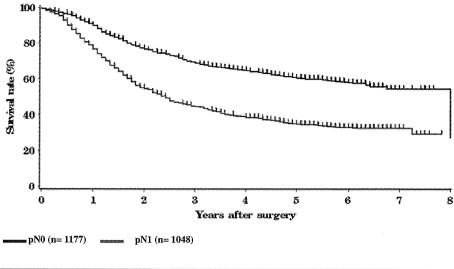
Fig. 13 Survival of patients treated by esophagectomy in relation to lymph node metastasis: pN (JSED TNM 9th)



	Years after surgery								
	1	2	3	4	5	6	7	8	
pN0	89.8%	77.1%	69.4%	64.9%	60.4%	57.9%	54.3%	54.3%	
pN1	82.1%	64.5%	56.4%	52.1%	46.1%	43.4%	42.5%	42.5%	
pN2	78.7%	56.5%	44.7%	38.7%	35.7%	34.0%	34.0%	22.7%	
pN3	70.7%	47.2%	36.3%	29.4%	23.7%	23.7%	22.4%	-	
pN4	66.5%	39.1%	30.3%	24.4%	22.1%	19.5%	19.5%	19.5%	

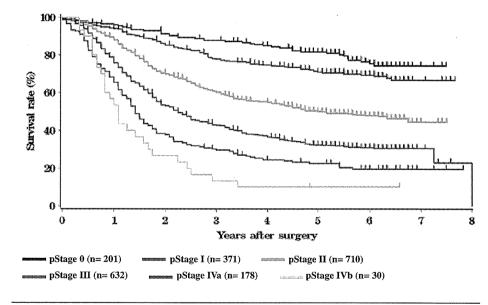


Fig. 14 Survival of patients treated by esophagectomy in relation to lymph node metastasis: pN (UICC TNM 6th)



		Years after surgery							
	1	2	3	4	5	6	7	8	
pN0	89.8%	77.1%	69.4%	64.9%	60.4%	57.9%	54.3%	54.3%	
pN1	76.7%	54.9%	44.7%	39.1%	34.9%	33.0%	32.5%	29.3%	

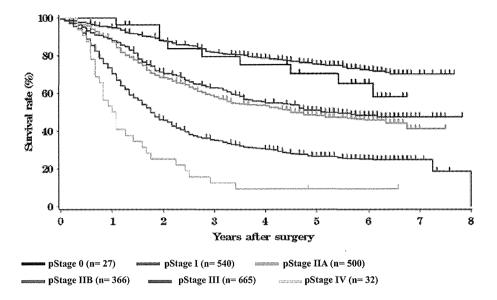
Fig. 15 Survival of patients treated by esophagectomy in relation to pathological stage (JSED TNM 9th)



	Years after surgery								
	1	2	3	4	5	6	7	8	
pStage 0	96.0%	91.3%	87.7%	85.0%	81.6%	75.5%	74.3%	74.3%	
pStage I	94.0%	85.8%	78.1%	74.6%	71.0%	69.5%	66.5%	66.5%	
pStage II	88.0%	70.3%	60.8%	55.2%	50.0%	47.8%	44.4%	44.4%	
pStage III	75.8%	53.2%	42.9%	37.3%	32.4%	31.1%	30.7%	23.0%	
pStage IVa	65.4%	38.3%	30.2%	24.6%	22.5%	19.6%	19.6%	19.6%	
pStage IVb	53.3%	26.7%	17.1%	13.3%	10.0%	10.0%	10.0%	-	



Fig. 16 Survival of patients treated by esophagectomy in relation to pathological stage (UICC TNM 6th)



	Years after surgery							
	1	2	3	4	5	6	7	8
pStage 0	96.2%	87.8%	79.4%	75.0%	70.3%	65.3%	58.1%	-
pStage I	94.7%	88.0%	81.8%	78.6%	75.3%	72.2%	70.1%	70.1%
pStage IIA	87.3%	68.5%	58.9%	53.5%	47.9%	45.9%	41.1%	41.1%
pStage IIB	87.8%	71.2%	62.9%	55.6%	50.7%	48.2%	47.5%	47.5%
pStage III	70.3%	45.7%	35.3%	30.6%	26.5%	25.0%	24.7%	18.5%
pStage IV	50.0%	25.0%	12.5%	9.4%	9.4%	9.4%	-	-

