

Supplementary Material

Supplementary table 1. The selection process of the retrieved publications.

	Search Criteria	Records
Records identified through the WoSCC database searching (SCI-EXPENDED)	1#: TI=("esophag* stenoses" OR "esophag* stricture" OR "esophag* stenosis" OR "oesophag* stenoses" OR "oesophag* stricture" OR "oesophag* stenosis")	934
	2#: AK=("esophag* stenoses" OR "esophag* stricture" OR "esophag* stenosis" OR "oesophag* stenoses" OR "oesophag* stricture" OR "oesophag* stenosis")	736
	3#: AB=("esophag* stenoses" OR "esophag* stricture" OR "esophag* stenosis" OR "oesophag* stenoses" OR "oesophag* stricture" OR "oesophag* stenosis")	1491
Time 2004.1.1-2023.12.31	4#=1# OR 2# OR 3#	2077
Excluded Literature	Exclusion of Meet Abstract (n=263), Editorial Material (n=148), Proceeding Paper (n=66), Letter (n=46), Book Chapters (n=2), Early Access (n=2), Correction (n=1), Retracted Publication (n=1), Retraction (n=1).	530
Non-English Literature	Germany (n=19), French (n=17), Spanish (n=9), Portuguese (n=5), Hungarian (n=4), Korean (n=2), Polish (n=2), Arabic (n=1), Russian (n=1), Turkish (n=1), Unspecified (n=1).	62
Remaining Publications	1340 Articles and 145 Reviews	1485

Supplementary table 2. Information for all countries/regions

Country/Region	Counts	Citations	Centrality
USA	356	10740	0.26
China	278	2620	0.05
Japan	206	5479	0.10
Turkey	81	1047	0.00
England	65	1335	0.21
South Korea	60	1124	0.00
France	56	1754	0.03
Germany	55	1601	0.05
Italy	48	1099	0.08
India	42	333	0.01
Australia	34	1269	0.05
Canada	35	1227	0.03
Netherlands	31	1128	0.00
Egypt	27	295	0.04
Spain	26	518	0.07
Brazil	25	386	0.05
Belgium	20	726	0.00
Sweden	17	346	0.06

Poland	16	78	0.01
Saudi Arabia	16	201	0.05
Greece	15	459	0.00
Switzerland	15	574	0.05
Denmark	11	251	0.10
Romania	10	73	0.00
Argentina	9	227	0.00
Czech Republic	8	40	0.00
Mexico	8	52	0.00
South Africa	8	80	0.03
Austria	7	118	0.02
Hungary	7	106	0.00
Serbia	7	41	0.00
Israel	5	269	0.00
Croatia	4	19	0.00
Iran	4	8	0.00
Ireland	4	48	0.00
Nigeria	4	46	0.00
Portugal	4	235	0.00
Colombia	3	45	0.00
Finland	3	15	0.04
Norway	3	37	0.00
Russia	3	18	0.00
Thailand	3	15	0.00
Chile	2	8	0.00
Jordan	2	37	0.00
Morocco	2	33	0.00
Singapore	2	6	0.00
Tunisia	2	2	0.00
Türkiye	2	0	0.00
Algeria	1	11	0.00
Cambodia	1	0	0.00
Ghana	1	17	0.00
Iceland	1	10	0.00
Indonesia	1	1	0.00
Kuwait	1	15	0.00
Laos	1	0	0.00
Latvia	1	4	0.00
Lebanon	1	16	0.00
Malaysia	1	22	0.00
New Zealand	1	2	0.00
Pakistan	1	5	0.00
Peru	1	5	0.00
Qatar	1	16	0.00
Sri Lanka	1	14	0.00
Syria	1	0	0.00
Uganda	1	6	0.00
Ukraine	1	0	0.00

Supplementary table 3. The top 60 institutions

Institutions	Counts	Citations	Centrality
Mayo Clinic	27	2169	0.06
Harvard University	25	1525	0.01
Université Paris Cité	25	456	0.02
University of California System	25	1475	0.10
Assistance Publique - Hôpitaux Paris	24	944	0.02
Nanjing Medical University	22	123	0.00
University of Texas System	21	398	0.00
University of Pennsylvania	20	456	0.01
University of Ulsan	19	371	0.00
University system of ohio	18	756	0.01
Asan Medical Center	14	135	0.00
University of Pennsylvania	13	85	0.01
Veterans Health Administration (VHA)	12	545	0.03
US Department of Veterans Affairs	12	30	0.03
Boston Children's Hospital	12	159	0.02
Chinese People's Liberation Army General Hospital	12	303	0.00
Tokyo Women's Medical University	11	153	0.00
State University System of Florida	11	1191	0.00
Chinese Academy of Medical Sciences - Peking Union Medical College	11	1110	0.00
Sichuan University	11	106	0.00
Oregon Health & Science University	10	315	0.01
University of Texas System	10	448	0.00
University of Ulsan	10	237	0.00
University of London	9	807	0.03
Peking Union Medical College	9	135	0.00
Cairo University	9	293	0.00
Zhengzhou University	9	144	0.00
Central South University	9	266	0.00
University of North Carolina	8	837	0.01
Baylor College of Medicine	8	50	0.03
Feinberg School of Medicine	8	147	0.00
Childrens Hospital of Philadelphia	8	241	0.00
National Cancer Center - Japan	8	81	0.03
Kyoto University	8	193	0.01
Pennsylvania Commonwealth System of Higher Education (PCSHE)	8	133	0.00
Army Medical University	8	219	0.00
Columbia University	7	118	0.02
CHU Lille	7	378	0.09
Case Western Reserve University	7	136	0.01
Hopital Universitaire Cochin - APHP	7	113	0.01
Johns Hopkins University	7	96	0.02
Cincinnati Children's Hospital Medical Center	7	23	0.00
NSW Health	7	1331	0.01

Shizuoka Cancer Center	7	145	0.00
Cancer Institute & Hospital - CAMS	7	166	0.00
Fudan University	7	139	0.00
Shanghai Jiao Tong University	7	106	0.00
Children's Mercy Hospital	6	186	0.01
Universite de Lille	6	368	0.00
University of Milan	6	24	0.00
University of South Florida	6	208	0.00
Chang Gung Memorial Hospital	6	155	0.00
University of Pittsburgh	6	85	0.00
Baskent University	6	545	0.00
Catholic University of Korea	6	30	0.00
University of California Davis	6	159	0.00
Aristotle University of Thessaloniki	6	98	0.00
Capital Medical University	6	161	0.00
China Medical University	6	95	0.00

Supplementary table 4. The top 15 authors

Authors	Counts	Institutions	Research	Citations
Song HY (Song, Ho-young)	15	University of Ulsan	Fluoroscopically guided large balloon dilatation for treating congenital esophageal stenosis	354
Yamato M (Yamato Masayuki)	11	Tokyo Women's Medical University	Tissue engineering and regenerative medicine in oesophageal injuries	1007
Manfredi MA (Manfredi Michael A)	10	Boston Childrens Hospital	Pediatric esophageal strictures	120
Ohki T (Ohki Teruo)	10	Tokyo Women's Medical University	Tissue engineering and regenerative medicine in oesophageal injuries	1003
Park JH (Park Junk Hoon)	10	University of Ulsan	Fluoroscopically guided large balloon dilatation for treating congenital esophageal stenosis	100
Shin JH (Shin Ji Hoon)	10	University of Ulsan	Fluoroscopically guided large balloon dilatation for treating congenital esophageal stenosis	390
Takagi R (Takagi Ryo)	10	Tokyo Women's Medical University	Tissue engineering and regenerative medicine in oesophageal injuries	942
Barret M (Barret Maximilien)	9	Cochin Hospital	Self-assembling peptide hydrogel prevents esophageal stricture	141

Beuvon F (Beuvon Frederic)	9	Cochin Hospital	Self-assembling peptide hydrogel prevents esophageal stricture	141
Ngo PD (Ngo Peter D)	9	Boston Childrens Hospital	Pediatric esophageal strictures	117
Okano T (Okano Teruo)	9	Tokyo Women's Medical University	Tissue engineering and regenerative medicine in oesophageal injuries	969
Yamamoto M (Yamamoto Masakazu)	9	Tokyo Women's Medical University	Tissue engineering and regenerative medicine in oesophageal injuries	636
Zendejas B (Zendejas Benjamin)	9	Boston Childrens Hospital	Pediatric esophageal strictures	79
Isomoto H (Isomoto Hajime)	9	Nagasaki University Hospital	Tissue engineering and esophageal strictures after endoscopic submucosal dissection of squamous cell carcinoma	606
Kanai N (Kanai Nobuo)	9	Tokyo Women's Medical University	Tissue engineering and regenerative medicine in oesophageal injuries	265

Supplementary table 5. Journals and co-cited journals

Journal	Counts	Citations	Country	IF (2023)	Co-cited Journal	Citations	Country	IF (2023)
Diseases of the esophagus	85	1427	Australia	2.30	Gastrointestinal endoscopy	3572	USA	6.70
Surgical endoscopy and other interventional techniques	70	1351	USA	2.40	Journal of pediatric surgery	1856	USA	2.40
Journal of pediatric surgery	63	751	USA	2.40	Endoscopy	1583	Germany	11.50
Gastrointestinal endoscopy	42	2128	USA	6.70	American Journal of Gastroenterology	1322	USA	8
World journal of gastroenterology	41	1083	China	4.30	Gastroenterology	1117	USA	25.70
Pediatric surgery international	33	567	Germany	1.50	Diseases of the esophagus	865	Australia	2.30
Esophagus	31	99	Japan	2.20	Surgical endoscopy and other interventional techniques	794	USA	2.40
Journal of pediatric gastroenterology & nutrition	30	905	USA	2.40	Journal of pediatric gastroenterology and nutrition	586	USA	1.30
Endoscopy	26	1479	Germany	11.5	Gut	582	England	23.00
Digestive diseases and sciences	21	790	USA	2.50	Pediatric surgery international	564	Germany	1.50
Digestive Endoscopy	19	391	Australia	5.00	International Journal of Radiation Oncology Biology Physics	560	USA	6.40
Journal of Laparoendoscopic & Advanced Surgical Techniques	19	191	USA	1.10	Annals of Thoracic Surgery	537	USA	3.60
Medicine	19	108	USA	1.30	Clinical gastroenterology and hepatology	489	USA	11.60
European Journal of Pediatric Surgery	18	248	Germany	1.50	Annals of Surgery	488	USA	7.50
Surgical Laparoscopy Endoscopy & Percutaneous Techniques	18	206	USA	1.10	Digestive diseases and sciences	453	USA	2.50
Head And Neck Journal for The Sciences and Specialties of the Head and Neck	15	287	USA	2.30	World Journal of Surgery	441	USA	2.30
International Journal of Radiation Oncology Biology Physics	13	490	USA	6.40	New England Journal of Medicine	429	USA	96.20
Journal of Clinical Gastroenterology	12	447	USA	2.80	Journal of Clinical Oncology	350	USA	42.10
BMC Gastroenterology	12	306	England	2.50	Journal of Allergy and Clinical Immunology	348	USA	11.40
Annals of Thoracic Surgery	12	205	USA	3.60	Radiology	335	USA	12.10
Laryngoscope	11	279	USA	2.20	Journal of Clinical Gastroenterology	330	USA	2.80
World Journal of Surgery	11	222	USA	2.30	Digestive Endoscopy	329	Australia	5.00
Scandinavian Journal of Gastroenterology	11	119	Norway	1.60	Laryngoscope	272	USA	2.20

Journal of Small Animal Practice	10	167	England	1.70	Alimentary Pharmacology & Therapeutics	265	England	6.60
American Journal of Gastroenterology	8	832	USA	8.00	European Journal of Pediatric Surgery	261	Germany	1.50
Journal of Gastroenterology and Hepatology	9	223	Australia	3.70	The Journal of Thoracic and Cardiovascular Surgery	256	USA	4.90
Revista Española de Enfermedades Digestivas	9	74	Spain	2.70	British Journal of Surgery	247	England	8.60
Dysphagia	9	60	USA	2.20	Head and Neck-Journal for the Sciences and Specialties of the head and neck	239	USA	2.30
Surgery Today	9	43	Japan	1.70	Journal Of Gastroenterology and Hepatology	209	Australia	3.70
Acta Gastro-Enterologica Belgica	9	40	Belgium	1.30	American Journal of Surgery	200	USA	2.70
Journal of Thoracic Disease	9	37	China	2.10	World Journal of Surgery	197	USA	2.30
World Journal of Clinical Cases	9	8	USA	1.00	American Journal of Roentgenology	193	USA	4.70
Journal of Gastrointestinal Surgery	8	100	USA	2.20	BMC Gastroenterol	191	England	2.50
Gastroenterology Research and Practice	8	85	USA	2.00	Cancer	180	USA	6.10
Clinical Gastroenterology and Hepatology	7	598	USA	11.60	Journal of Vascular and Interventional Radiology	174	USA	2.60
Journal of Surgical Research	7	321	USA	1.80	Lancet	171	England	98.40
Plos One	7	172	USA	2.90	Surgery	165	USA	3.20
Pediatric Radiology	7	145	USA	2.10	Endoscopy International Open	158	Germany	2.20
Journal of Clinical Medicine	7	72	USA	3.00	Journal of Gastrointestinal Surgery	153	USA	2.20
Frontiers In Pediatrics	7	56	Switzerland	2.10	Annals of Otolaryngology and Laryngology	143	USA	1.30
Turkish Journal of Gastroenterology	7	50	Turkey	1.40	International Journal of Pediatric Otorhinolaryngology	139	Netherlands	1.20
Equine Veterinary Education	7	30	England	0.90	Gastrointestinal Endoscopy Clinics of North America	133	England	0.00
Frontiers in Oncology	7	20	Switzerland	4.10	Radiotherapy and Oncology	133	Netherlands	4.90
Gut	6	1109	England	23.00	European Journal of Gastroenterology & Hepatology	132	USA	2.30
European Journal of Gastroenterology Hepatology	6	122	USA	2.30	Archives of Surgery	127	USA	0.00
Journal of Feline Medicine and Surgery	6	104	England	1.90	European Journal of Cardio-Thoracic Surgery	126	Netherlands	3.10
European Archives of Oto-Rhino-	6	97	Germany	1.90	Jama-Journal of the American	126	USA	63.1

Laryngology					Medical Association			
Radiotherapy and Oncology	6	91	Netherlands	4.90	Scandinavian Journal of Gastroenterology	126	Norway	1.60
Journal of Digestive Diseases	6	69	China	2.30	Esophagus-Tokyo	125	Japan	2.20
Cardiovascular and Interventional Radiology	6	38	USA	2.80	Plos One	123	USA	2.90
Saudi Medical Journal	6	33	Saudi Arabia	1.70	Cancer-Am Cancer Soc	120	USA	6.10
Experimental And Therapeutic Medicine	6	20	Greece	2.40	Journal of the American College of Surgeons	114	USA	3.80
					Hepato-Gastroenterol	111	Germany	0.00
					Archives of Otolaryngology	109	USA	0.00
					Pediatrics	104	USA	6.20
					Dysphagia	103	USA	2.20
					Biomaterials	101	Netherlands	12.80
					Journal of Surgical Research	101	USA	1.80
					Pediatric Radiology	100	USA	2.10

Supplementary Table 6. Esophageal stricture-related citations

Type	Number	Title	Author	Source Title	Year	Total citations	TC per Year	Country
Article	1	Radiofrequency Ablation in Barrett's Esophagus with Dysplasia	Shaheen, Nicholas J et al.	NEW ENGLAND JOURNAL OF MEDICINE	2009	1007	62.88	USA
	2	Endoscopic assessment of the oesophageal features of eosinophilic oesophagitis: validation of a novel classification and grading system	Hirano Ikuo et al.	GUT	2013	524	43.58	USA
	3	Prevention of Esophageal Stricture After Endoscopic Submucosal Dissection Using Tissue-Engineered Cell Sheets	Ohki Takeshi et al.	GASTROENTEROLOGY	2012	361	27.69	Japan
	4	Long-term outcomes of endoscopic submucosal dissection for superficial esophageal squamous cell neoplasms	Ono Satoshi et al.	GASTROINTESTINAL ENDOSCOPY	2009	345	21.56	Japan
	5	Endoscopic submucosal dissection of	Fujishiro	CLINICAL	2006	292	15.32	Japan

	esophageal squamous cell neoplasms	Mitsuhiro et al.	GASTROENTEROLOGY AND HEPATOLOGY					
6	Treatment of oesophageal ulcerations using endoscopic transplantation of tissue-engineered autologous oral mucosal epithelial cell sheets in a canine model	Ohki T et al.	GUT	2006	279	14.68	Japan	
7	Mesh complications after prosthetic reinforcement of hiatal closure: a 28-case series	Stadlhuber, Rudolf J et al.	SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES	2009	258	16.13	USA	
8	Presentation and Epidemiology of Gastroesophageal Reflux Disease	Richter Joel E et al.	GASTROENTEROLOGY	2018	256	36.43	USA	
9	Usefulness of oral prednisolone in the treatment of esophageal stricture after endoscopic submucosal dissection for superficial esophageal squamous cell carcinomal	Yamaguchi Naoyuki et al.	GASTROINTESTINAL ENDOSCOPY	2011	247	17.43	Japan	
10	Esophageal reconstruction with ECM and muscle tissue in a dog model	Badylak SF et al.	JOURNAL OF SURGICAL RESEARCH	2005	230	11.50	USA	
Review								
1	Long-term complications of congenital esophageal atresia and/or tracheoesophageal fistula	Kovesi T et al.	CHEST	2004	256	12.14	Canada	
2	Role of Esophageal Stents in Benign and Malignant Diseases	Sharma Prateek et al.	AMERICAN JOURNAL OF GASTROENTEROLOGY	2010	208	13.80	USA	
3	Efficacy and Durability of Radiofrequency Ablation for Barrett's Esophagus: Systematic Review and Meta-analysis	Orman Eric S et al.	CLINICAL GASTROENTEROLOGY AND HEPATOLOGY	2013	191	15.92	USA	
4	Current knowledge on esophageal atresia	Fernando Paulo et al.	WORLD JOURNAL OF GASTROENTEROLOGY	2012	150	11.54	Brazil	
5	Treatment options for esophageal strictures	Siersema Peter D et al.	NATURE CLINICAL PRACTICE GASTROENTEROLOGY & HEPATOLOGY	2008	150	8.82	Netherlands	
6	Endoscopic and surgical resection of T1a/T1b esophageal neoplasms: A systematic review	Sgourakis George et al.	WORLD JOURNAL OF GASTROENTEROLOGY	2013	104	8.67	Greece, Germany	
7	Caustic ingestions in children	Kay Marsha et al.	CURRENT OPINION IN PEDIATRICS	2009	97	6.60	USA	
8	Management of complications associated	Isomoto	DIGESTIVE ENDOSCOPY	2013	89	7.42	Japan	

	with endoscopic submucosal dissection/endoscopic mucosal resection	Hajime et al.							
9	Caustic ingestion	Chirica Mircea et al.	LANCET	2017	83	10.38	France, Italy, Australia USA		
10	A Systematic Review of the Risk of Perforation During Esophageal Dilation for Patients with Eosinophilic Esophagitis	Jacobs John William et al.	DIGESTIVE DISEASES AND SCIENCES	2010	73	4.87			
