

Supplemental Online Content

Real world Treatment Patterns in Patients with Eosinophilic Esophagitis in Japan

Short Title: Real-world treatment of EoE in Japan

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Abbreviations: ICD-10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision; EoE, eosinophilic esophagitis; STaRT-RWE, structured template for planning and reporting on the implementation of real world evidence studies

eTable 1 ICD-10 code lists for medical conditions and medications

eTable 1–1 ICD-10 codes for excluded conditions

Disease names	ICD–10 codes
Candidal esophagitis	B378
Achalasia	K220
Malignant lymphoma / Leukemia	C810, C811, C819, C820, C823, C824, C829, C830, C833, C835, C837, C838, C840, C844, C845, C846, C851, C859, C880, C884, C900, C903, C910, C911, C915, C919, C920, C921, C924, C925, C927, C929, C943, C950, C951, C959, C962, C966
Complications of transplanted organs and tissue including graft–versus–host disease (GVHD)	T860, T861, T864, T868, T869

Abbreviations: ICD–10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision

eTable 1–2 Anatomical Therapeutic Chemical Classification System codes for EoE medication

Medication	ATC codes
PPI	A02B2 (Excluding potassium-competitive acid blockers)
P-CAB	A02B2 (Potassium-competitive acid blockers)
STS	R03D1 (Budesonide and fluticasone)
Oral steroid (prednisolone)	H02A (Prednisolone)
Antihistamines	R06A
Leukotriene receptor antagonists	R03J2 (Excluding Zafirlukast)

Abbreviations: ATC, Anatomical Therapeutic Chemical Classification System; EoE, eosinophilic esophagitis; PPI, proton pump inhibitor; P–CAB, potassium ion–competitive acid blockers; STS, swallowed topical steroids

eTable 1–3 ICD-10 codes for esophageal foreign body or esophageal stricture

Disease names	ICD–10 codes
Esophageal foreign body	T181
Esophageal stricture	K222

Abbreviations: ICD–10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision

eTable2 Detailed regimens of the initial treatment for EoE

Medication	Main analysis	Sensitivity analysis
	(n = 615)	(n = 346)
	n (%)	n (%)
PPI/P-CAB	374 (60.8%)	249 (72.0%)
Others+PPI/P-CAB	118 (19.2%)	47 (13.6%)
Others	60 (9.8%)	26 (7.5%)
Oral steroid+PPI/P-CAB	14 (2.3%)	12 (3.5%)
STS+PPI/P-CAB	13 (2.1%)	5 (1.4%)
STS+Others+PPI/P-CAB	11 (1.8%)	0 (0%)
Oral steroid+Others+PPI/P-CAB	11 (1.8%)	1 (0.3%)
Oral steroid	4 (0.7%)	2 (0.6%)
Oral steroid+Others	4 (0.7%)	2 (0.6%)
STS+Others	2 (0.3%)	1 (0.3%)
STS	2 (0.3%)	0 (0%)
STS+Oral steroid+Others+PPI/P-CAB	1 (0.2%)	0 (0%)
STS+Oral steroid+PPI/P-CAB	1 (0.2%)	1 (0.3%)

Abbreviations: EoE, eosinophilic esophagitis; PPI, proton pump inhibitor; P-CAB, potassium ion-competitive acid blockers; STS, swallowed topical steroids.

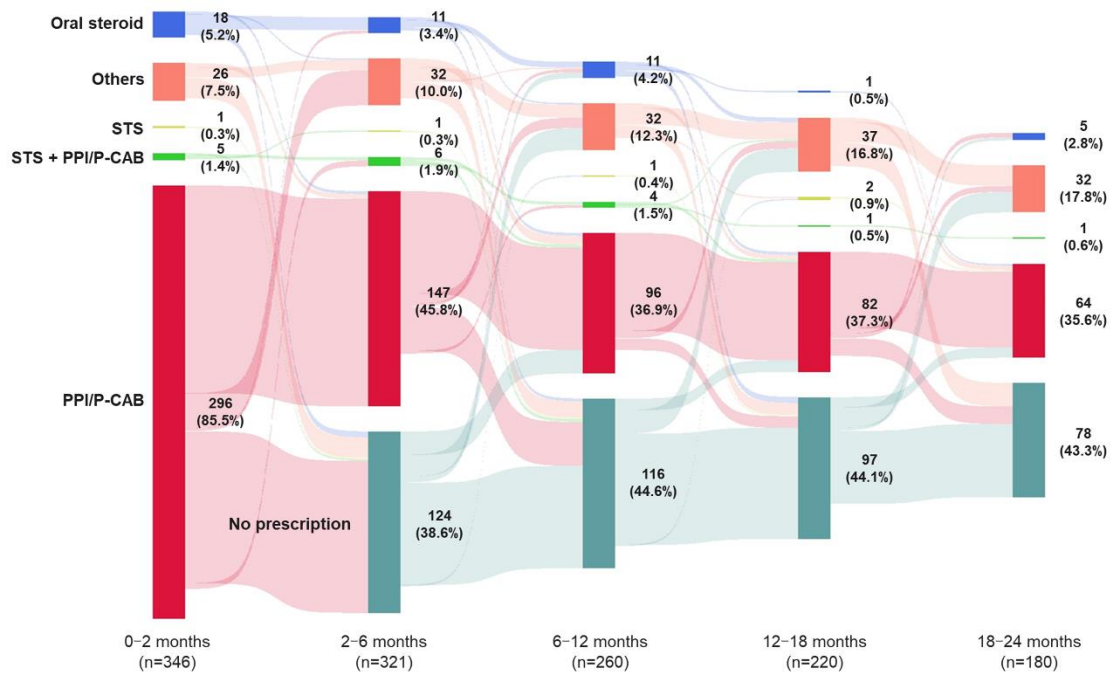
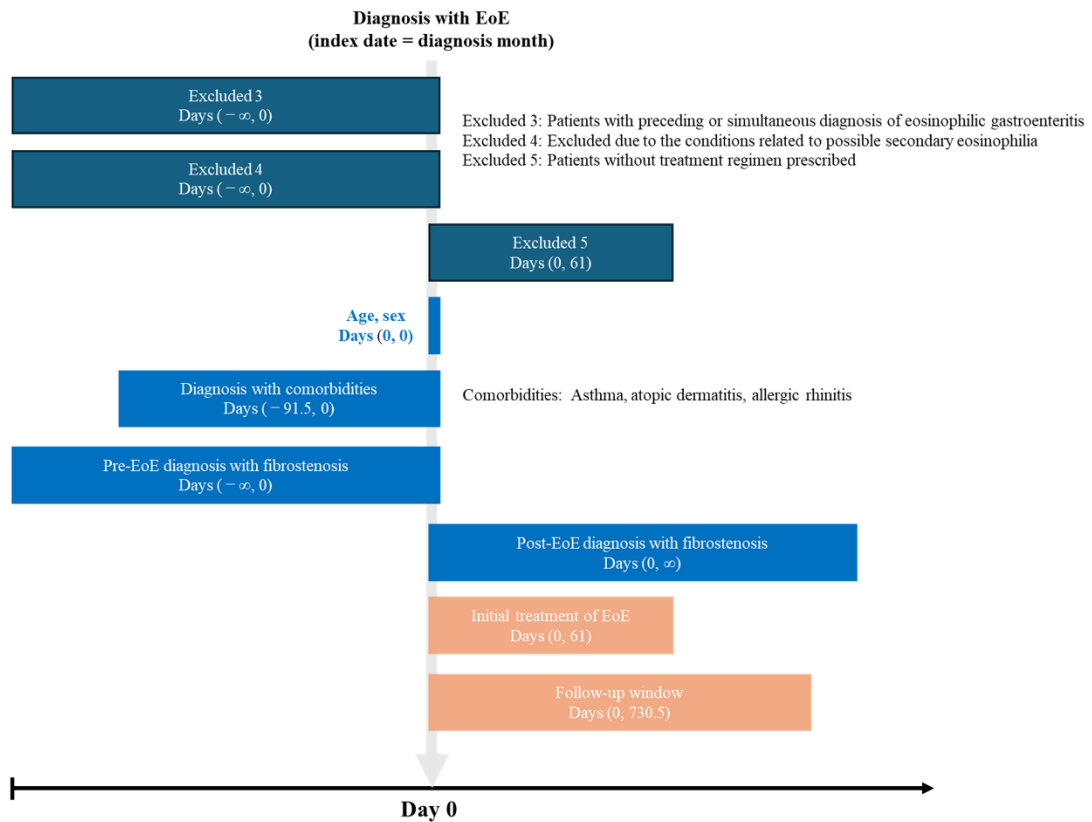


Figure 1 Treatment patterns of EoE in the sensitivity analysis

Abbreviations: EoE, eosinophilic esophagitis; PPI, proton pump inhibitor; P-CAB, potassium-competitive acid blockers; STS, swallowed topical steroids.



eFigure 2 Study design according to STaRT-RWE

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