



**Gastro-esophageal Reflux Disease (GERD) ECR Playbook
ECR Definition Summary**

	Definition
Trigger Codes*	The patient has a <u>professional</u> claim with one of these ICD-9-CM diagnosis codes in any position: 530.1, 530.10, 530.11, 530.19, 530.81 787.1, 536.8, 553.3, 553.9, 750.6
Episode Time Window	One year starting from the date of service of the trigger claim
Enrollment / eligibility requirement	Duration of episode (365 days look-forward period) with a maximum of continuous 30-day gap
Patient Exclusions	1. Continuous enrollment requirement not met 2. Age less than 18 years or ≥ 65 years 3. Discharge status is left against medical advice 4. In-hospital death
Claim/Episode charge exclusions	1. Remove PFO [†] claims if the claim charges are missing, < \$10, or >\$1,000,000 2. Remove Stay claims if claim charges are missing, < \$50, or >\$1,000,000 3. Remove Pharmacy claims if claim charges are missing, < \$1, or >\$1,000,000 4. Remove episode if total medical charges for the episode are < \$20 or > \$1,000,000 5. Remove episode if total pharmacy charges for the episode are < \$1 or > \$1,000,000
Medical exclusions	HIV, cancer, suicide, end-stage renal disease (ESRD), pregnancy and newborn conditions
Procedural exclusions	Exclude claims with any major or irrelevant surgical procedure as indicated in the “all codes” workbook, transplants etc. Exclude claims with any major but relevant surgical procedure suggesting that GERD would be a comorbidity rather the driver for those costs
Potentially Avoidable Complications (PACs)	Hospitalizations or professional and other services are considered as PACs if they are one of three types: 1. Services related to the index condition: Services due to acute exacerbations of the index condition are considered as PACs. For example, services for acute esophagitis, esophageal ulcer, esophageal hemorrhage, etc. in a patient with stable GERD. 2. Services related to Comorbidities: Services for acute exacerbations of any of the patient’s comorbid conditions are considered PACs. For example, a diabetic emergency, AMI, angina, chest pain, etc. for a patient with GERD. 3. Services for potential Patient Safety Failures: Services for major infections, deep vein thrombosis, adverse drug events, and other patient safety-related events are considered PACs.
Type of model(s) developed	Professional, outpatient facility, pharmacy & all other claims model: Model for ages 18 to <65 year olds.

*x = any digit from 0-9 inclusive or blank; y and z are as indicated.

†PFO: Professional, outpatient facility, ancillary and other claims.