Breaking down gastroesophageal reflux disease (GERD)

GERD is one of the most prevalent gastrointestinal (GI) diseases, triggered by the recurrent reflux of stomach acid into the esophagus, the tube linking the mouth and stomach. This acid reflux has the potential to cause symptoms such as heartburn and can also lead to damage in the esophageal lining.^{1,2}



GERD can cause heartburn, regurgitation, difficulty eating and drinking, damage to the lining of the esophagus, and limitations in social and physical activities^{4,5}



Did you know that there are multiple forms of GERD?

Non-Erosive and Erosive GERD are the two main types of GERD²

Non-Erosive GERD is the largest category of GERD with symptoms that include heartburn²

Non-Erosive GERD is when someone has reflux-related symptoms, such as heartburn and regurgitation, but there is no acid-related damage to the lining of their esophagus⁶



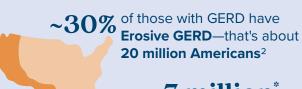
and ~15 million* are treated with a prescription medicine annually^{7,8,9}



*Estimated based on published epidemiological data and market research

Erosive GERD is a condition where the stomach acid damages the lining of the esophagus⁴

Erosive GERD is more common than you might think



and ~7 million adults are diagnosed and treated with a prescription medication annually^{7,8,9}

Patients with Erosive GERD continue to have unmet needs

Both Non-Erosive and Erosive GERD can be treated with proton pump inhibitors (PPIs); however, 54% of patients report persistent symptoms despite daily PPI use¹⁰

Traditional treatment options might not work for a variety of reasons

Suboptimal adherence^{1,11} Inadequate acid suppression¹²

Severity of disease¹³

Many patients with GERD experience challenges managing the disease despite treatment



up to 41%

of patients with Erosive GERD relapse within 6 months on a maintenance treatment14



~8/10

Erosive GERD patients experience recurrence within 6 months of discontinuing treatment15



up to 40%

of patients with **Non-Erosive GERD** remain symptomatic while on standard PPI therapy¹⁶

Acid suppression is a key element for esophageal healing and heartburn relief



Reduction of GERD symptoms and mucosal healing correlates with the level of gastric acid suppression over a 24 hour period¹⁷



Most PPIs take ~3 days to start fully blocking acid production in your stomach18

And without effective management, uncontrolled reflux can lead to serious complications and burdensome symptoms

For Erosive GERD¹⁹

- Strictures (narrowing of the esophagus)
- Risk of esophageal cancer
- Ulcerations/bleeding
- Respiratory problems



For Non-Erosive GERD²⁰

- Episodic heartburn
- Regurgitation
- Chest pain

Problems swallowing

Patients and healthcare providers (HCPs) report a desire for treatment alternatives



57% of HCPs would welcome alternatives to

the current standard of care4



59% of patients would welcome alternatives to

the current standard of care4

1. Dickman R, Maradey-Romero C, Gingold-Belfer R, Fass R. Unmet Needs in the Treatment of Gastroesophageal Reflux Disease. J Neurogastroenterol Motil. 2015 Jul 30;21(3):309-19. doi: 10.5056/jnm15105.
2. Antunes C, Aleem A, Curtis SA. Gastroesophageal Reflux Disease. [Updated 2023 Jul 3]. In: StafPearis [Internet]. Treasure Island (FL): StafPearis Publishing; 2024 Jan.. Available from: https://www.ncbi.nlm.nih.gov/books/NBK441938/ 3. Machicado JD., Greer JB., Yadav D. (2020) Epidemiology of Gastrointestinal Diseases. In: Pitchumoni C., Dharmarajan T. (eds) Geriatric Gastroenterology. Springer, Cham. https://doi.org/10.1007/978-3-319-90761-1_7-1. 4. Vaezi MF, et al. BMJ Open Gastro 2022 5. Quigley EMM and Hungin APS. Review article: quality-of-life issues in gastro-oesophageal reflux disease. Aliment Pharmacol Ther. 2005; 22 (Suppl. 1): 41–47. 6. Modilin IM, Hunt RH, Malfertheiner P, et al. Diagnosis and management of non-erosive reflux disease—the Vevey NERD Consensus Group. Digestion. 2009;80(2):74-88. 7. Data on file. Phathom Pharmaceuticals, Inc. Florham Park, NJ 8. El-Serag HB, et al., Gut. 2014;63(6):871-880, Machicado JD., et al., Epidemiology of Gastrointestinal Diseases. In: Pitchumoni C., et al. (eds) Geriatric Gastroenterology https://doi.org/10.1007/978-3-319-90761-1_7-1, 9. US Census Bureau: US and World Population Clock Accessed May 2022. https://www.census.gov/popclock 10. Delshad SD, Almario CV, Chey WD, Spiegel BMR. Prevalence of Gastroesophageal Reflux Disease and Proton Pump Inhibitor-Refractory Symptoms. Gastroenterology. 2020 Apr;158(5):1250-1261.e2. doi: 10.1053/j.gastro.2019.12.014. Epub 2019 Dec 19. PMID: 31866243; PMCID: PMC7103516. 11. Katz PO, Levine D, et al. Prevention of relapse of healed reflux esophagitis is related to the duration of intragastric Acid Control and Healing Status in the Treatment of Moderate to Severe Erosive Oesophagetis. Aliment Pharmacol Ther. 2007 Mar 1;25(5):617-628. 14. Herschovici T, Fass R. Pharmacological management of GERD: where does it stand now?. Trends © 2024 Phathom Pharmaceuticals. All rights reserved. VOQUEZNA, Phathom Pharmaceuticals, and their respective logos are registered trademarks of Phathom Pharmaceuticals, Inc.

