

Functional Esophageal Disorders Module

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| <p>1. In the last 3 months, how often did you have a feeling of a lump, fullness or something stuck in your throat?</p> | <p>⓪ Never → ① Less than one day a month ② One day a month ③ Two to three days a month ④ One day a week ⑤ More than one day a week ⑥ Every day</p> | <p><i>Skip to question 4</i></p> |
| <p>2. Have you had this feeling 6 months or longer?</p> | <p>⓪ No ① Yes</p> | |
| <p>3. Does this feeling occur between meals (when you are not eating)?</p> | <p>⓪ No ① Yes</p> | |
| <p>4. When you are eating or drinking, does it hurt to swallow?</p> | <p>⓪ Never or rarely ① Sometimes ② Often ③ Most of the time ④ Always</p> | |
| <p>5. In the last 3 months, how often did you have pain or discomfort in the middle of your chest (not related to heart problems)?</p> | <p>⓪ Never → ① Less than one day a month ② One day a month ③ Two to three days a month ④ One day a week ⑤ More than one day a week ⑥ Every day</p> | <p><i>Skip to question 8</i></p> |
| <p>6. Have you had this chest pain 6 months or longer?</p> | <p>⓪ No ① Yes</p> | |
| <p>7. When you had your chest pain, how often did it feel like burning?</p> | <p>⓪ Never or rarely ① Sometimes ② Often ③ Most of the time ④ Always</p> | |
| <p>8. In the last 3 months, how often did you have heartburn (a burning discomfort or burning pain in your chest)?</p> | <p>⓪ Never → ① Less than one day a month ② One day a month ③ Two to three days a month ④ One day a week ⑤ More than one day a week ⑥ Every day</p> | <p><i>Skip to question 10</i></p> |
| <p>9. Have you had this heartburn (burning pain or discomfort in the chest) 6 months or longer?</p> | <p>⓪ No ① Yes</p> | |
| <p>10. In the last 3 months, how often did food or drinks get stuck after swallowing or go down slowly through your chest?</p> | <p>⓪ Never → ① Less than one day a month ② One day a month ③ Two to three days a month ④ One day a week ⑤ More than one day a week ⑥ Every day</p> | <p><i>Skip remaining questions</i></p> |

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| 11. Was the symptom of food sticking associated with heartburn? | ① Never or rarely ① Sometimes ② Often ③ Most of the time ④ Always | |
| 12. Have you had this problem 6 months or longer? | ① No ① Yes | |

A1. Functional Heartburn

Diagnostic criteria*

Must include all of the following:

1. Burning retrosternal discomfort or pain
Heartburn = at least one day per week (question 8>3)
2. Absence of evidence that gastroesophageal acid reflux is the cause of symptom
No question. Requires ambulatory pH study.
3. Absence of histopathology-based esophageal motility disorders
No question. Requires objective testing.

* Criteria fulfilled for the last 3 months with symptom onset at least 6 months prior to diagnosis
Yes. (question 9=1)

A2. Functional Chest Pain of Presumed Esophageal Origin

Diagnostic criteria*

Must include all of the following:

1. Midline chest pain or discomfort that is not of burning quality
Chest pain occurs at least 2-3 days a month (question 5>2)
2. Absence of evidence that gastroesophageal reflux is the cause of the symptoms
When you had chest pain, did it feel like burning? No. (question 7=0)
3. Absence of histopathology-based esophageal motility disorders
No question.

* Criteria fulfilled for the last 3 months with symptom onset at least 6 months prior to diagnosis
Yes. (question 6=1)

A3. Functional Dysphagia

Diagnostic criteria*

Must include all of the following:

1. Sense of solid and/or liquid foods sticking, lodging, or passing abnormally through the esophagus
Food or drink sticks or goes down slowly at least once a month (question 10>1)
Absence of evidence that gastroesophageal reflux is the cause of the symptom
Was the sensation of food sticking associated with heartburn? No. (question 11=0)
Heartburn occurred less often than once a week. (question 8<4)

2. Absence of histopathology-based esophageal motility disorders

No question.

* Criteria fulfilled for the last 3 months with symptom onset at least 6 months prior to diagnosis

Yes. (question 12=1)

A4. Globus

Diagnostic criteria*

Must include all of the following:

1. Persistent or intermittent, non-painful, sensation of a lump or foreign body in the throat

Sensation of lump in throat occurs more than once a month. (question 1>2)

2. Occurrence of the sensation between meals

Sensation of lump occurs between meals. Yes. (question 3=1)

3. Absence of dysphagia or odynophagia

Food gets stuck one day a month or less often. (question 10<3)

It hurts to swallow. No. (question 4=0)

4. Absence of evidence that gastroesophageal reflux is the cause of the symptom

Heartburn occurs one day a month or less often (question 8<3)

5. Absence of histopathology-based esophageal motility disorders

No question.

* Criteria fulfilled for the last 3 months with symptom onset at least 6 months prior to diagnosis

Yes. (question 2=1)