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- 4. The digestive system
- 4.4 Digestive phenomena

4.4.4

Hiccups

WHAT ARE HICCUPS?

Generally, hiccups only last a few minutes and are totally harmless. These are called benign hiccups. We all get them, even foetuses and other mammals.

There are several types of hiccups, for example persistent hiccups last more than 48 hours and refractory hiccups last more than 1 month. Chronic hiccups can continue for several months or even several years. The record is held by Charles Osborne, who had hiccups for 68 years!

WHAT ARE THE CAUSES?

The causes of hiccups are similar to those of burping. They can be triggered by the consumption of fizzy drinks, an excessively large meal, eating too quickly or swallowing air while eating.

All of these things cause gastric distension or stretching of the stomach. This distension irritates the diaphragm, which is located beside the stomach. As a result, air has trouble getting into the trachea and lungs. This triggers a vibration in the vocal cords and the epiglottis.

The medical term used for hiccups is diaphragmatic myoclonus. 'Myo' from muscle, and clonus is a short, involuntary jerk and diaphragmatic is related to the diaphragm, so this literally means 'short, involuntary muscle jerk of the diaphragm'.

Keywords > diaphragmatic myoclonus

'myo': muscle

'clonus': short, involuntary jerk

'diaphragmatic': related to the diaphragm

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4.4.4 Hiccups

Hiccups are harmless.	What are hiccups called when they last several months or more?
O True O False	O Too many hiccups O Chronic hiccups
All mammals can get hiccups.	O Recurring hiccups
O True O False	Charles Osborne holds the record for the longest bout of hiccups. How long
Even a foetus in the womb can have hiccups. O True	did they last? O 47 years O 56 years O 68 years
O False	
Persistent hiccups can last longer than	Hiccups can be caused by eating a meal too quickly.
O 1 hour O 24 hours	O True O False
48 hours	What do we call a distension of the stomach that causes hiccups?
Refractory hiccups last longer than	O Gastric distension
O 3 days O 2 weeks O 1 month	O Gastric expansion O A gastric bug
	Gastric distension can irritate
	O the liver O the diaphragm O the oesophagus

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Answers

Hiccups are harmless.

True

Well done! That's right.

O False

Wrong! Hiccups are completely harmless.

All mammals can get hiccups.

● True

Well done! That's right.

O False

Wrong! That's not the right answer.

Even a foetus in the womb can have hiccups.

● True

Well done! That's right.

O False

Wrong! A foetus can have hiccups.

Persistent hiccups can last longer than...

O 1 hour

Wrong! It's a lot more.

O 24 hours

Wrong! It's more than that.

• 48 hours

Well done! That's right!

Refractory hiccups last longer than...

O 3 days

Wrong! It's a lot more.

O 2 weeks

Wrong! It's more than that.

• 1 month

Well done! That's right!

What are hiccups called when they last several months or more?

O Too many hiccups

Wrong! Nice try, though.

Chronic hiccups

Well done! That's right.

O Recurring hiccups

Wrong! That's not the right answer.

Charles Osborne holds the record for the longest bout of hiccups. How long did they last?

O 47 years

Wrong! It's a lot more.

O 56 years

Wrong! It's more than that.

● 68 years

Well done! That's right!

Hiccups can be caused by eating a meal too quickly.

● True

Well done! Eating a meal too quickly causes the stomach to stretch and this modifies the journey air makes in the respiratory tract.

O False

Wrong! Too bad, that's not the right answer.

What do we call a distension of the stomach that causes hiccups?

Gastric distension

Well done! That's right.

O Gastric expansion

Wrong! That's not right.

O A gastric bug

Wrong! Nice try, though!

Gastric distension can irritate...

O the liver

Wrong! Try again!

• the diaphragm

Well done! It modifies the journey air makes in your respiratory tract.

O the oesophagus

Wrong! That's not right.