

PATIENT PREPARATION FOR FeNO TESTING



THIS IS A SUGGESTED PROTOCOL, OTHER PROTOCOLS MAY BE AVAILABLE.

24 HOURS PRIOR TO TEST:

Alcohol substances may cause erroneous measurement results¹. It is recommended to avoid alcohol consumption for 24 hours prior to the test.

12 HOURS PRIOR TO TEST:

An increase in FeNO has been found after ingestion of nitrate containing foods and may lead to altered FeNO levels¹.

It is recommended to avoid eating foods high in nitrates, this includes but not limited to²:

- | | | |
|-------------------|----------------|----------------|
| ◦ Arugula | ◦ Turnips | ◦ Carrots |
| ◦ Spinach | ◦ Cabbage | ◦ Potatoes |
| ◦ Lettuce | ◦ Green Beans | ◦ Garlic |
| ◦ Radish | ◦ Leek | ◦ Sweet Pepper |
| ◦ Beetroot | ◦ Spring Onion | ◦ Green Pepper |
| ◦ Chinese Cabbage | ◦ Cucumber | |

DAY OF TEST:

On the day of the test, it is recommended to avoid any of the following 1 hour before the test¹:

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|------------|------------|
| ◦ Eating | ◦ Smoking |
| ◦ Drinking | ◦ Exercise |

The ATS/ERS Guidelines included in the references below, state that the activities listed can affect FENO readings¹ and therefore MGC Diagnostics has recommended to abstain from these activities for the noted time frame.

REFERENCES:

1. ATS/ERS Recommendations for Standardized Procedures for the online and offline measurement of exhaled lower respiratory nitric oxide and nasal nitric oxide, 2205. American Journal of Respiratory and Critical Care Medicine. 2005; 171 8): 912-930.
2. Lidder S, Webb A. Vascular effects of dietary nitrate (as found in green leafy vegetables and beetroot) via the nitrate--nitrite--nitric oxide pathway. British Journal of Clinical Pharmacology. 2013; 75(3): 677-696.

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