
Fractional exhaled nitric oxygen in asthma patients

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Authors' conclusions

Evidence of low methodological quality suggests that fractional exhaled nitric oxide to monitor glucocorticoid therapy in adult asthma patients might reduce the number of exacerbations, while the evidence in pediatric patients is not enough. When comparing the clinical assessment (with or without spirometry) in treatment monitoring, the exhaled fraction might have moderate sensitivity and specificity. Most of the clinical practice guidelines identified do not recommend its use. Some United States private sponsors cover the test while others consider it at experimental stage.

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