Courses

# Diagnosis of asthma

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Courses

# Diagnosis of asthma

## Range of content

### Spirometry – more complicated than assumed

- Measurement variables and presentation
- Procedure and common mistakes
- Bronchial provocation test (BPT) – execution and evaluation
- Interpetration with examples

### Provocation with methacoline

- Measurement principles
- Protocol setup
- Practical procedure and common mistakes
- Cut-off values and interpetration

### Provocation with mannitol

- Indication
- Practical procedure and common mistakes
- Interpretation of test results

### Exercise induced bronchoconstriction

- Indication
- Creating a treadmill exercise test protocol
- Practical procedure and common mistakes
- Interpretation of test results with examples

### Fractional exhaled nitric oxide (FeNO)

- Measurement principle and mechanisms
- Indication
- Preparations, procedure and common mistakes
- Interpretation of test results

## Custom made courses based on your needs and basic knowledge

- Spirometry
- Provocation tests
- Fractional exhaled nitric oxide (FeNO)
- Ergospirometry

### Content & duration

You decide content, scope, and duration of the course.

- **2-4 hours** (half day)
  Focusing on procedure, common mistakes, protocol and interpretation of test result

- **4-8 hours** (full day)
  Focusing on procedure, common mistakes, protocol and interpretation of test results with workshop and case studies

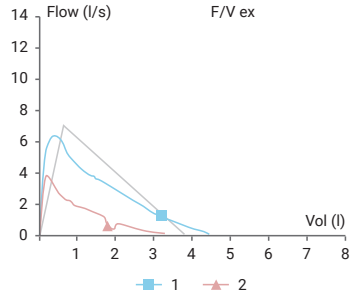
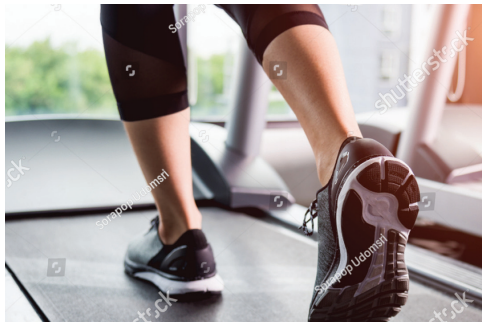



**Figure illustrating a typical example of a patient with asthma**[1]



1. Diagnosis of asthma in adults. Anderson S, Backer V, Bjermer L and Sue-Chu M.

Photos: Birk NPC as, ©shutterstock.com

# Lecturer

## Dr. Elisabeth Edvardsen, PhD researcher

Department of Physical Performance,
the Norwegian School of Sport Sciences (NIH)

**Biography:** Edvardsen has been test responsible for exercise physiology at Oslo University Hospital from 1995. She has a master degree in sports physiology from the Norwegian School of Sport Sciences, 2007; academic responsibility for NIH Fitness, 2007-2009; and a PhD at the Norwegian School of Sport Sciences, 2015 investigating the cardiorespiratory function of adults and elderly in Norway and in patients undergoing lung cancer surgery.



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