

## Impulse oscillometry

The purpose of the examination is to measure, among other things, how well air flows in the bronchial tubes. Additionally, the test evaluates the effect of the bronchodilator (medication that opens the airways) in the respiratory tract.

The actual examination takes approximately 1 hour.

### Before examination

Before the study, you must be:

- **2 hours** without heavy meals
- **4 hours** without coffee, tea, cola drinks and energy drinks

Avoid heavy physical activity for 2 hours before the examination.

### Medication

- Take your medication as usual
- Stop taking your medication according to the attached instructions
- Take medication according to your doctor's instructions

**Apart from medications prescribed for respiratory diseases, take your other regular medication as usual.**

Bring your prescriptions or a list of your medications with you to the test.

For the examination to be successful, it is important that especially young children be informed about the examination beforehand.

The examination is painless.

### Examination

During the examination, you will sit and breathe calmly through a mouthpiece. Your cheeks will be supported with fingers and the nostrils will be closed with a nose clip.



We will measure several times. If needed, we can take breaks during the examination.

After the measurements, the nurse might give you medication that dilates the bronchial tubes, and after about 10 – 15 minutes, we will repeat the measurements.



## Patient Instruction

HUS Medical Imaging Center  
Clinical Physiology

[www.tutkimukseen.fi](http://www.tutkimukseen.fi)

### Other things to note

Please take your health insurance card (Kela card) or identity card with you.

Your attending physician will inform you of the test results. Please contact the unit responsible for your care if you do not already have a scheduled appointment or a phone consultation with your doctor.

Please contact your examination location as soon as possible, if you cannot attend your scheduled appointment, or if you fall ill with a respiratory infection (e.g. the flu) or some

other acute illness. **The examination cannot be performed until about two weeks after you have recovered from the respiratory tract infection.**

You will not be charged for the examination separately.

Cancel the appointment if you cannot come. If you do not cancel, you will be charged a fine.

## Medicines that affect pulmonary function tests

When pulmonary function is tested without medication effect, the patient should not take the following medicines for at least the time mentioned below.

<p>Accolate <b>3 days</b> Adrenalin, Epipen <b>12 h</b> Aerobec <b>4 weeks</b> Airomir <b>12 h</b> Alvesco <b>4 weeks</b> Aminocont <b>3 days</b> Anoro <b>3 days</b> Asmanex <b>4 weeks</b> Astecon <b>3 days</b> Atroidual <b>24 h</b> Atrovent <b>24 h</b> Atrovent comp <b>24 h</b></p> <p>Beclomet <b>4 weeks</b> Bricanyl <b>12 h</b> Budenofalk <b>4 weeks</b> Budesonid(e) <b>4 weeks</b> <input type="checkbox"/> Bufomix <b>2 days</b> <input type="checkbox"/> Bufomix <b>4 weeks</b> Buventol <b>12 h</b></p> <p>Cykloterol <b>2 days</b></p> <p>Daxas <b>5 days</b> Dexametason <b>4 weeks</b> Duaklir <b>2 days</b></p> <p>Efedrin <b>12 h</b> Efedriini <b>12 h</b> Efedriini hydrokloridi <b>12 h</b></p>	<p>Eklira <b>2 days</b> Entocort <b>4 weeks</b> Euphylong <b>3 days</b></p> <p>Flixotide <b>4 weeks</b> Flutide <b>4 weeks</b> <input type="checkbox"/> Flutiform <b>2 days</b> <input type="checkbox"/> Flutiform <b>4 weeks</b> Fomeda <b>2 days</b> Foradil <b>2 days</b> Formaxa <b>2 days</b> Formoterol <b>2 days</b></p> <p>Hydrocortison <b>4 weeks</b> *</p> <p>Incruse <b>3 days</b> <input type="checkbox"/> Innovair <b>2 days</b> <input type="checkbox"/> Innovair <b>4 weeks</b> Ipraxa <b>24 h</b> IpramoL <b>24 h</b> Inspiolto <b>7 days</b></p> <p>Lomudal <b>12 h</b></p> <p>Medrol <b>4 weeks</b> * Montelukast <b>3 days</b></p>	<p>Novopulmon <b>4 weeks</b></p> <p>Onbrez <b>7 days</b> Oxis <b>2 days</b></p> <p>Prednisolon <b>4 weeks</b> * Prednison <b>4 weeks</b> * Pulmicort <b>4 weeks</b></p> <p>Racinephrine <b>12 h</b> <input type="checkbox"/> Relvar <b>3 days</b> <input type="checkbox"/> Relvar <b>4 weeks</b> Retafyllin <b>3 days</b> Rinexin <b>12 h</b></p> <p>Salbutamol <b>12 h</b> <input type="checkbox"/> Salflumix <b>4 weeks</b> <input type="checkbox"/> Salflumix <b>48 h</b> <input type="checkbox"/> Salmeterol/Fluticason <b>4 weeks</b> <input type="checkbox"/> Salmeterol/Fluticason <b>48 h</b> Seebri <b>12 days</b> <input type="checkbox"/> Seretide <b>2 days</b> <input type="checkbox"/> Seretide <b>4 weeks</b> Serevent <b>2 days</b> Singulair <b>3 days</b> Solomet <b>4 weeks</b> *</p>	<p>Spiriva <b>4 days</b> Striverdi <b>7 days</b> <input type="checkbox"/> Symbicort <b>2 days</b> <input type="checkbox"/> Symbicort <b>4 weeks</b></p> <p>Theofol <b>3 days</b> Theofol comp <b>3 days</b> Theofylliini <b>3 days</b> Tilade <b>24 h</b> <input type="checkbox"/> Trelegy <b>3 days</b> <input type="checkbox"/> Trelegy <b>4 weeks</b> <input type="checkbox"/> Trimbaw <b>12 days</b> <input type="checkbox"/> Trimbaw <b>4 weeks</b></p> <p>Ultibro <b>12 days</b></p> <p>Ventilastin <b>12 h</b> Ventoline <b>12 h</b></p> <p>Cough medicines <b>3 days</b></p> <p>* discontinue only if used against asthma or COPD</p>
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