

High speed recordings

- 1.: Hævede falske stemmelæber (+bedring efter 4 dage)
- 2.: Slim/Reflux
- 3.: Hoste og ary 5
- 4.: Stor cyste ved højre aryregion
- 5.: Vibrato kvinde
- 6.: Vibrato mand
- 7.: Dobbelt noduli på stl. (både tale og sang/muc. bridge)
- 8.: Dobbeltfaser (kymografien)
- 9.: Sanger
- 10.: Normal hals
- 11.: Dreng med laktoseintolerens
- 12.: Fjernet struma
- 13.: Klassisk sanger
- 14.: Klassisk sangerinde
- 15.: Reickes ødem
- 16.: Dysfagi og ary 3
- 17.: Dystoni og vibrato
- 18.: Vibrationsstart
- 19.: Laryngit og reflux
- 20.: Polyp

1.

The patient came to the clinic after experiencing soreness and pain in the larynx for 4 days. The high speed film showed a large cyst on the right ventricular fold (high speed film 1). The patient was initially treated with symbicort, a cortisone inhalation spray, and with anti-histamine to reduce the swelling. After another 4 days, the patient returned to the clinic and the cyst had reduced profoundly (high speed film 2). (Her mannose binding lectin is 199, which means a low innate immune system)

2.

This high speed film shows laryngo-pharyngeal reflux coming up from the oesophagus and quickly disappearing again (within 0,2 seconds), as the vocal cords start vibrating.

3.

The patient suffers from asthma and came to the clinic after persistent coughing. The high speed film showed large swelling of the entire laryngeal area – the ventricular folds and the arytenoids in particular.

4.

The patient came to our clinic after experiencing pain in the right side of the larynx for approx. 2 years. He has had respiratory problems during the past week during physical exertion. High speed film showed a large cyst on the right arytenoid. (Blood samples from the patient showed infection of H. pylori).

5.

The high speed film shows vibrato in the voice of a female singer. This is seen on electroglottography (EGG) and acoustic measurements. Besides the vibrato there are nodules on the vocal folds and the patient complains of hoarseness.

6.

The high speed film shows vibrato in the voice of a male singer. (Blood samples from the patient showed infection of H. pylori, as well as various allergies. Has had tonsillectomy.)

7.

The patient has been operated for cleft lip and palate as an infant, which (together with a mannose binding lectin below 10, which is an extremely low innate immune system) has given her continuous problems in the upper airways. She came to the clinic after having a sore throat for the past week. She was diagnosed with laryngo-pharyngeal reflux and lactose intolerance. High speed film showed two sets of nodules/mucosal bridges.

8.

The patient came to our clinic after a lifetime of problems in the upper airways, e.g. anosmia for the past year. The videokymography showed irregularities in the vocal fold vibration, vibrating in a double pattern.

9.

The patient is a professional soprano singer, and high speed film shows a trained voice. This is seen on electroglottography (EGG) and acoustic measurements, as well as in the Fast Fourier Transform (FFT).

10.

The patient came to the clinic with a cold, and as a part of our routine examination we used the high speed camera which showed a normal larynx.

11.

This boy came to the clinic after having trouble sleeping and a blocked nose for a number of years. His blood samples showed lactose intolerance and the high speed film shows swelling.

12.

The patient complaints were a hoarse voice for the past 6 months. She has previously had an enlarged thyroid gland (which was removed a year before she came to the clinic) and suffers from celiac disease as well as lactose intolerance. She smokes and likes good food. The high speed film shows swelling in the larynx.

13.

This male classical singer has a good voice which is seen on the high speed film, even though he complains of acid reflux - and his blood samples shows helicobacter pylori. Besides that he has a very low mannose binding lectin (11).

14.

This female classical singer came to the clinic with acid reflux which affects her voice. She was treated and now has a good voice which is seen on the high speed film – however, there is a mucosal bridge.

15.

The patient came to the clinic with a very hoarse voice. She is a heavy smoker and the high speed film shows reinckes edema.

16.

The patient came to the clinic after 6 months of difficulties swallowing. Besides that he has acid reflux and a gastroscopy showed a large sliding hiatus hernia. The high speed film is a little foggy, but shows swelling in the entire larynx area. Ultra sound showed bilateral arteriosclerosis in both bulbus caroticus.

17.

The patient has suffered from spasmodic dysphonia for about 20 years. The high speed film is interesting, as it shows vibrato in her voice.

18.

The patient came to the clinic with various allergies. The high speed film shows (besides swelling of the arytenoids) the start of vocal fold vibration.

19.

The patient came to the clinic after approx. 5 months of hoarseness and soreness in the larynx. She was diagnosed with laryngitis and acid reflux and a gastroscopy showed a small sliding hiatus hernia.

20.

The patient came to the clinic with intermittent aphonia. The high speed film (although foggy) showed a polyp on the left vocal fold.