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## REPORT

on air microbiological tests performed using blood plates to assess the performance of the installed NOVAERUS test devices (BMI, Best Medical Innovations) which combat airborne pathogens.

Date of installation of the devices: 17 July 2015

Location of installation:

- 1st Admission Room at the Paediatric Department (as children with various diseases, including gastrointestinal infections, chicken pox, upper respiratory tract conditions, are admitted there),
- 2nd Clinic of Pulmonology/Tuberculosis and Pulmonary Diseases (patients with suspected tuberculosis, pneumonia, upper respiratory tract conditions are admitted there and the Clinic of Allergology, where desensitisation of healthy individuals is performed, is located next door).

Dates and results of the air microbiological tests performed:

Location of installation	Test date	Test results
1. Admission Room at the Paediatric Department	<b>1<sup>st</sup>, i.e. baseline test - 17 July 2015</b> before starting the device - to assess the current microbiological purity of the air	183.46 CFU/m <sup>3</sup> of air
	<b>2<sup>nd</sup> - 24 July 2015</b> during continuous (24 h/day) work of the device	104.83 CFU/m <sup>3</sup> of air
	<b>3<sup>d</sup> - 12 August 2015</b> during continuous (24 h/day) work of the device	72 CFU/m <sup>3</sup> of air
2. Pulmonology Clinic	<b>1<sup>st</sup>, i.e. baseline test - 4 August 2015</b> before starting the device - to assess the current microbiological purity of the air (not performed on the day of device installation due to staff holiday on 17 July 2015.)	236 CFU/m <sup>3</sup> of air
	<b>2<sup>nd</sup> - 11 August 2015</b> during continuous (24 h/day) work of the device	192 CFU/m <sup>3</sup> of air

The results presented above indicate that NOVAERUS devices effectively reduce the number of airborne pathogens, having a positive effect on the epidemiological safety of both patients and hospital staff.

Developed by:  
18 August 2015

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