Uzsoki Hospital Hungary
Field test results

Pulmonology Department
Oct 2014 – Feb 2015
Uzsoki Hospital
Budapest
Devices installed at Pulmonology

19 NV800 devices + 4 NV200 devices in two separate departments covering 30 beds in 7 wards + connected high/medium risk areas
Devices installed at Traumatology, Septic Department

8 NV800 devices covering 12 beds in 4 wards + connected high risk areas
Air disinfection efficiency test (bacteria count)

- T0 background contamination samples taken on 7 Oct 2014
- T4 efficiency test samples taken on 26 Feb 2015, after 2 months operation of Novaerus devices*
- Accredited air sampling and analysis by Wessling Laboratories Hungary
- 82% drop in CFU rates (T0 / T4 average)
- The air quality now meets the Swiss Class III standard (500 CFU/m³ for general wards).

* The devices were installed on 1 Jan 2015.
Sampling results

**Pulmonology, bacteria count (CFU/m³)**

- **Bacteria reduction rate: 82%**
- **T0 average**
- **T4 average**

- Ward 1, building 16
- Corridor, building 16
- Ward 4, building 16
- Examining room, building 16
- Ward 118, building C
- Ward 116, building C
- Ward 117, building C
- Corridor, building C

**Airborne Infection Control**
Positive feedback from Head of Department

“Since Novaerus airborne infection control technology has been installed in our department – comparing to previous years’ trends – there have been no outbreaks (MRSA, Clostridium difficile, Influenza) and the air quality has generally improved; bad odour formerly detected from time-to-time in the wards and permanently in the laundry storage area has been completely eliminated by now.”

Dr. Med. Sándor Egerszegi, Head of Department
Uzsoki Hospital Budapest, Pulmonology