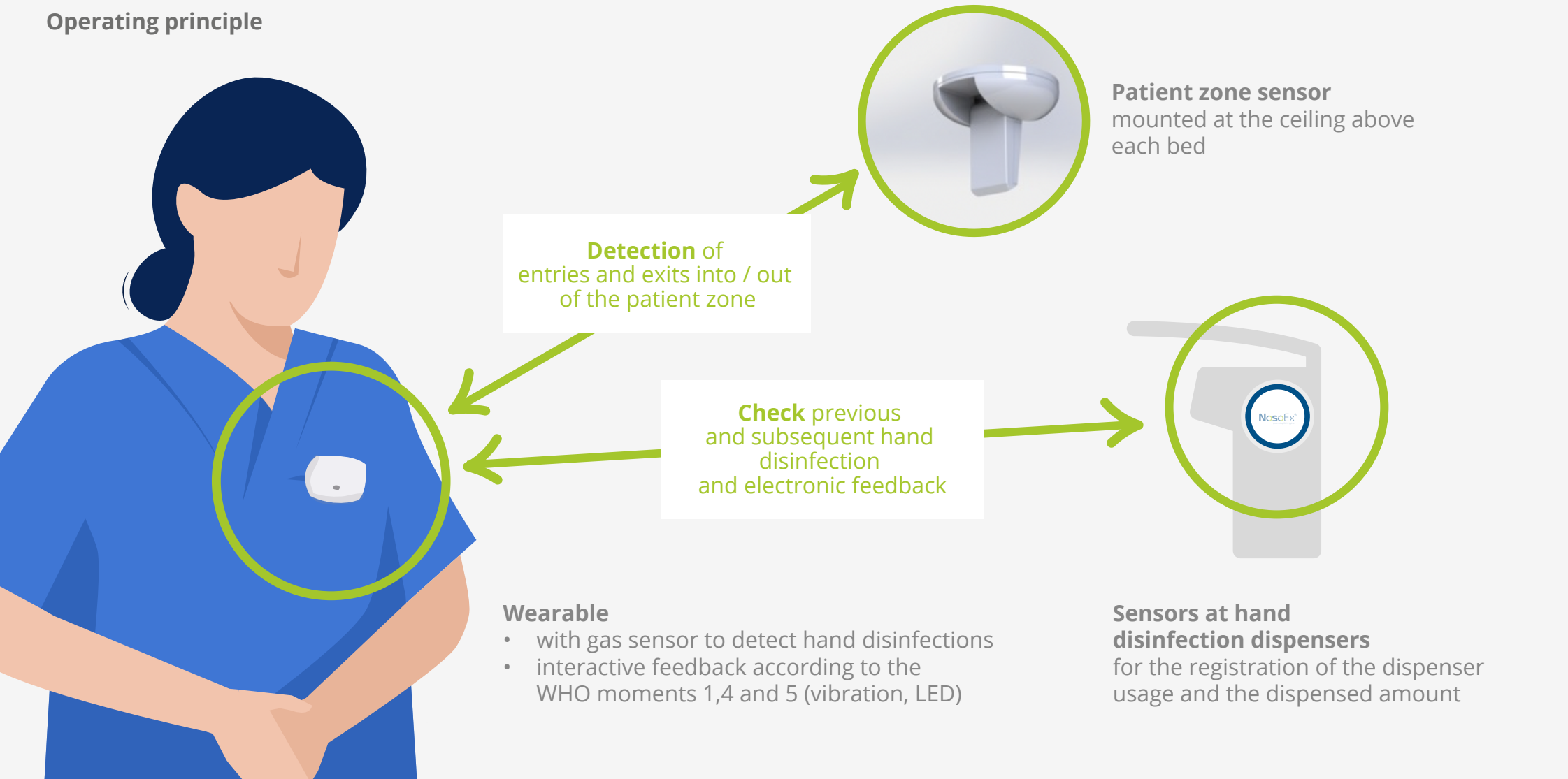
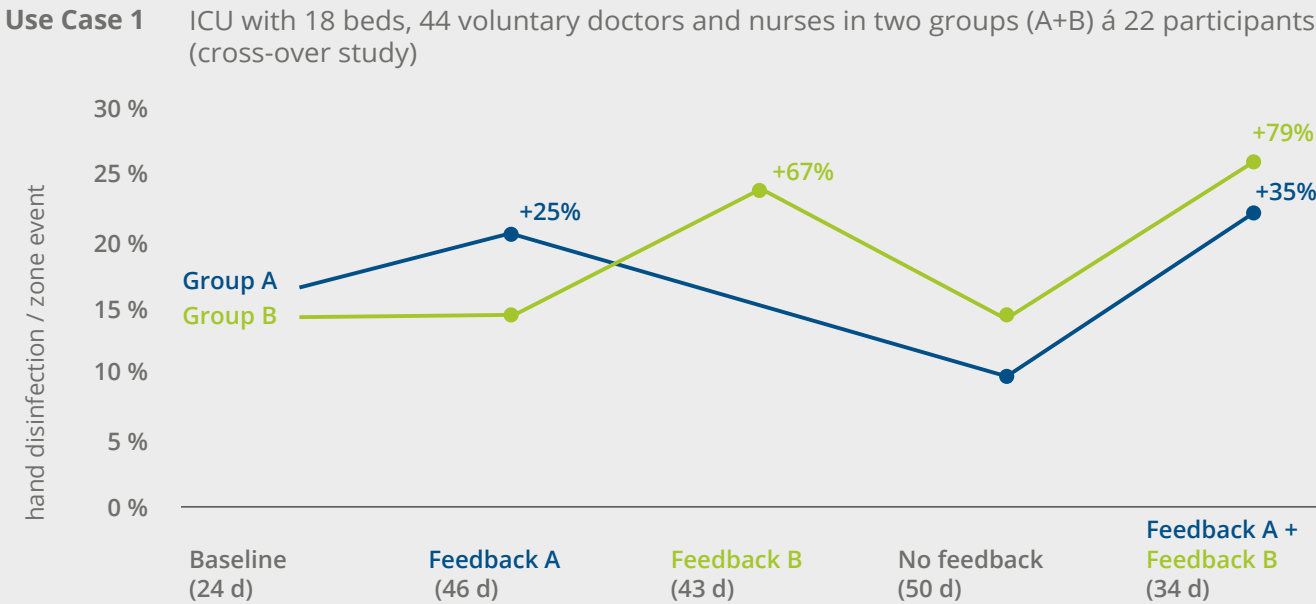


Operating principle



Impact of the feedback system on hand disinfection according the WHO moments 1,4 and 5



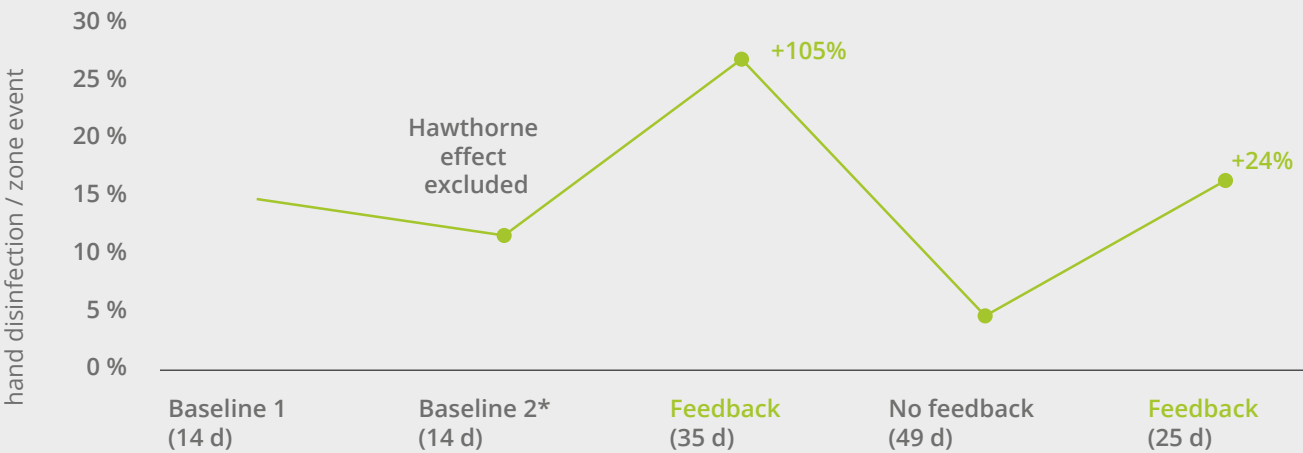
Result

- ✓ The **Hawthorne** effect has been **excluded** by using the monitoring system
- ✓ **Electronic feedback** led to a **significant increase** of hand disinfection (moments 1,4 and 5) **in all cases**

Conclusion

- Wearables with a feedback function can be a **simple, cost-effective and unbiased instrument** for the improvement of hand hygiene
- **Short-term interventions are not enough** to cause a long-term impact in the hand hygiene behavior
- **Constant feedback** and / or the integration of a **multi-modal intervention strategy** are required

Use Case 2 IMC with 24 beds, up to 15 voluntary doctors and nurses participated per day



*Informing the staff about the monitoring

