



Congratulations Camilla!

Camilla Svensson, Specialist Nurse Operation at Länssjukhuset Ryhov in Jönköping, Sweden, is the winner of an iPad in our ChatGPT competition. We received many correct and also quirky entries, and it was great to see that so many wanted to take part in this special competition.

We also received some incorrect answers – ChatGPT at times hallucinates - and of course it must be sorted out! Peter Hojerback, CEO at Avidicare, helps us go through the answers:



Peter, ChatGPT claims that Opragon is more complex to install and requires more space than traditional systems, can you clarify that for us?

- That's not true! We have completed hundreds of installations, where Opragon was the only solution that could be accommodated within the physical space. Opragon requires as little as 30 cm to be installed in an operating theatre that demands the highest level of hygiene. We may even use less space if the floor above can be utilized. And the fact that Opragon requires some 30% less air than most LAF system means smaller ducts that also can be flexibly located. Sure, someone used to install LAFs and who then installs Opragon for the first time will have questions, but our engineering team is there to assist free of charge and once the questions are answered, the reality is not more complicated. With the right local partner, customers should expect an installation cost very similar to what they are used to with LAFs or turbulent mixing systems.



In addition to being flexible in terms of installation, Opragon is also versatile in operation. The system can operate at full capacity (for infection-sensitive surgery) or at half capacity for general surgery. Even at full capacity, it still consumes approximately 30% less energy compared to traditional ultra-clean ventilation systems. This energy saving benefit can of course be seen as “complex”, but in reality, it is either fully automated, or a matter of choosing between two options (ultra-clean vs clean surgery). Today many hospitals have targets to reduce their energy consumption, making Opragon an excellent solution. Furthermore, HEPA filters are located in the technology room, allowing the operating theatre to remain operational nearly around the clock, aside from the brief time required to change the filter. Traditional systems typically necessitate shutting down the operating theatre for an entire day.

ChatGPT also claims that TcAF (Temperature-controlled AirFlow) is sensitive to disturbances, such as lights, staff movements and door openings. Tell us about the studies we did on the subject!

- The Royal Institute of Technology (KTH) has conducted numerous investigations into operating theatre ventilation over the years. KTH has repeatedly concluded that TcAF is significantly less sensitive to disturbances compared to traditional laminar ventilation systems. Furthermore, independent companies have carried out so-called stress tests on the Opragon system, demonstrating that the system is exceptionally robust against heat loads, door openings, and extensive movement within the operating theatre.

Do you have questions that you think ChatGPT can't answer correctly? Contact us with your questions about reduced risk of airborne contamination, TcAF and Opragon - we respond almost as quickly as ChatGPT!

Opragon: The Innovation Verified and Validated at Gävle Hospital

Nearly 15 years ago, Gävle Hospital, Sweden, made a decision that would transform its operating environment - Opragon was installed as a pilot project. Designed to ensure ultra-clean air in operating rooms, Opragon has since become an integral part of the hospital's surgical department.



Read more about Gävle Hospital's continual experience with Opragon, and their new hybrid OR in our [blog](#).

Evolution of Surgery



The journey from open surgical amphitheatres to highly controlled, sterile operating rooms reflects the medical field's relentless pursuit of improvement and patient safety. Surgery continues to evolve, and with each innovation, the boundaries of what is possible are pushed even further. The history of surgery is a testament to human ingenuity, and the future holds even greater potential for improvement in patient care.

Read more about the movement from amphitheatres to advanced OR design in our [blog](#)



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TOWARDS ZERO INFECTIONS

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