

**PRESS RELEASE**

17 December 2021 13:55:00 CET

## **Senzime presents its EMG-detection algorithm at Euroanesthesia**

**NEWS: Uppsala December 17, 2021.** A study with TetraGraphs EMG-detection algorithm was presented in a poster session at Euroanesthesia 2021, one of the most important and influential annual congresses in anaesthesiology and intensive care.

The ability of a Neuromuscular monitor to display optimal EMG responses depends on the algorithm that selects the most appropriate EMG peak and trough points.

The abstract "*Evaluation of an enhanced cloud-based muscle action potential detection algorithm used by an electromyography-based neuromuscular monitor*" was presented by Fredrik Norrby, MSc. The conclusion was that the current TetraGraph EMG-detection algorithm improved detection of peaks and troughs of muscle action potentials in 19% of the cases.

Thanks to its sensitivity, TetraGraph's current software can provide excellent measurement data in a wider range of situations, even where it historically has been difficult to monitor.

**For further information, please contact:**

---

Pia Renaudin, CEO of Senzime AB  
Phone: +46 (0) 70-813 34 17, email: [pia.renaudin@senzime.com](mailto:pia.renaudin@senzime.com)

### **About Senzime**

---

Senzime develops and markets CE- and FDA cleared patient monitoring systems driven by unique algorithms and sensors to closely monitor patients under anesthesia. TetraGraph is a system that digitally and continuously measures the degree of neuromuscular blockade in the patient. The goal is improved clinical precision and simplified management in healthcare. By preventing complications and enabling healthcare professionals to follow guidelines and drug recommendations, TetraGraph can contribute to shorten hospital stays and lower healthcare costs. The vision is a world without anesthesia related complications, where everyone wakes up safely after surgery. Senzime operates in growing markets that in Europe and the United States are valued in excess of SEK 15 billion. The company's shares are listed on Nasdaq Stockholm's main market (ticker SEZI) since June, 30 2021. [www.senzime.com](http://www.senzime.com)

### **Image Attachments**

---

[Photo Senzime News Dec 17 2021](#)

## Attachments

---

Senzime presents its EMG-detection algorithm at Euroanesthesia