

Top technology for the top race

cosinuss[°] equips the DAK mountain rescue team at the 70th Kandahar race in Garmisch-Partenkirchen with the innovative mobile patient monitoring system

Munich/Garmisch-Partenkirchen, 22.01.2024 - cosinuss[°] is providing the latest cutting-edge technology for the 70th Kandahar Race in Garmisch-Partenkirchen to ensure continuous and mobile patient monitoring of the participating athletes if necessary. The technology is provided free of charge by cosinuss[°].

Mobile and continuous patient monitoring

The DAK-Bergwacht will be able to use the c-med[°] alpha in-ear sensor and the Health[°] App during all the men's and women's race days, if necessary, to continuously monitor the athletes' vital signs on the move.

The c-med[°] alpha is a small, 6.5 g wearable in-ear sensor that continuously measures body temperature, oxygen saturation, perfusion and pulse rate. The recorded vital parameters and quality indicators are clearly displayed in the cosinuss[°] Health App. Thanks to its location, constant blood flow and central positioning, the auditory canal offers decisive advantages over other measurement locations for optical measurements. In addition, the proximity to the brain can be relevant for interpreting the measured values.

Seamless transitions along the treatment pathway

In recent years, the in-ear sensors have been used successfully in various applications and studies. For example, during the Oktoberfest 2023 in Munich, a continuous patient monitoring system was established across all stretchers, the triage area and all inpatient areas. In this way, patients were seamlessly monitored on their way through the health services at the Oktoberfest: from first aid, transport on the stretchers, triage on the ward to inpatient monitoring of patients and telemedicine services. This enabled seamless transitions between the individual steps of the treatment pathway.

About cosinuss[°]

Cosinuss GmbH is a certified medical device manufacturer based in Munich that specializes in mobile and continuous monitoring of various vital signs. With more than 15 years of research and development, numerous patents and medically certified products, cosinuss[°] is a pioneer and hidden champion in the field of mobile and continuous vital signs monitoring. cosinuss[°] follows the vision of revolutionizing the monitoring and recording of vital signs in healthcare - with the aim of improving the treatment and thus the lives of patients and providing the tools to make healthcare more efficient and effective.

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More information about the event:

Audi FIS SKI-WELTCUP 2024 Men: Sat, 27.1. / Sun, 28.1.2024

Audi FIS SKI-WELTCUP 2024 Women: Sat, 3.2. / Sun, 4.2.2024

<https://www.skiweltcup-garmisch.com/>

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