

E-LEARNING FROM 123SONOGRAPHY AGAINST COVID-19



Austrian company teaches pulmonary ultrasound and COVID-19 protection measures for physicians and medical staff worldwide in free webinars.

More than 70,000 physicians worldwide, among them many from severely affected countries such as Italy, Spain, France, Belgium and the USA, have so far viewed the webinars, online events and courses provided free of charge by the Viennese med-tech company in the context of the COVID-19 pandemic on its e-learning and community platform [123sonography.com](https://www.123sonography.com). "Pulmonary ultrasound, which can be used to detect COVID-19 pneumonia, plays an essential role in the diagnosis and treatment of COVID-19 patients. The high number of users in just a few days shows the great need for knowledge in this sector," explains Professor Dr. Thomas Binder, cardiologist of the Vienna General Hospital, head of the echo laboratory and founder of 123sonography, the world's largest provider of ultrasound and echocardiography e-learning. 123sonography.com recently developed into a central communication platform, where physicians exchange information on a transnational level about COVID-19 related intensive care and respiratory therapy.

Vienna, 9 April 2020 – The need of medical staff for adequate and quickly available training in the field of pulmonary ultrasound of COVID-19 patients is enormous. Only very few have sufficient experience. In cooperation with the Medical University of Vienna and the Vienna Medical Association, 123sonography created an [online video training program](#) consisting of several online courses in a very short time already at the beginning of the pandemic. This program specifically teaches the handling and treatment of COVID-19 patients, such as the correct use of protective equipment, correct disinfection and the strategic logistics for infection prevention, which will be launched next week. "It's a race against time. The urgency of the crisis requires fast action to support those who are on the front line and are themselves exposed to a high risk of infection," says Thomas Binder. If the traditional path of academic exchange in the form of seminars and conferences is blocked, e-learning is the only way to quickly transfer teaching content from experts and new findings to health care professionals (HCP) in all countries of the world. The networking of medical personnel with each other is equally important in order to exchange experiences in intensive care and respiratory therapies and thus to be able to make a valuable contribution to the production of a future therapy and vaccination.

Dr. Baldassarre Ferro, an intensive care physician from Livorno, is one of the speakers of the webinar: "It is both frustrating and frightening for us that we do not fully understand and cannot explain why even young and healthy patients die or why the course of the disease may be mild in older patients with pre-existing conditions."

123sonography online event for COVID-19 receives worldwide attention

After the pandemic increasingly exacerbated in several EU neighboring countries, 25,000 HCPs from 127 countries visited the online events of 123sonography on diagnosis and treatment of COVID-19 patients. Intensive care physicians and experts from Italy, France, China, the USA and Austria reported

on their experiences and answered the most critical of the more than 700 questions submitted by the audience. The event is one of the most watched online events in the medical field worldwide. Together with further training videos on the topic, 123sonography reached 70,000 visitors. "It is our moral obligation to help our colleagues, who risk their lives every day, with all our resources and possibilities," explains Thomas Binder.