

# Telemedicine in response to the challenges related to the COVID-19 pandemic and contemporary recognition of medical patterns

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## Abstract

Telemedicine has been a gradually expanding field since its creation in 1968. However, the recent COVID-19 pandemic has accelerated the potential of applying the principles of remote consultations and diagnosis to a greater number of medical fields, including education, mental health, emergency medicine, and pediatrics. We briefly discuss the major organizations in the field of telemedicine, three major technological thrusts, as well as the benefits (wider reach, reduced costs, patient convenience) and challenges (legal standards, financial

barriers, business strategies, human resources, IT security) of the field, also covering the current challenges in the Europe, Poland, and other countries developing telemedicine policies may also face in the future.

## Biography

Rafał J. Doniec is lecture at Silesian University of Technology, Poland.