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Low-cost Telemedicine Platform for Monitoring Patients Suspected of Being Infected With SAR-COV-2

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This paper presents the development of a low-cost platform in the field of telemedicine, which can be used to monitor people suspected of being infected with SAR-COV-2. The platform was developed and tested at the Medical Engineering Laboratory of the Transilvania University of Brasov. The first part of the paper is dedicated to the importance of the research topic and the concept of telemedicine. The second part presents the main hardware elements that are used to make this platform. The last part presents the results and conclusions related to the operation of this platform.