



**PREDICTMEDIX**

## **Predictmedix Announces Accuracy Rates for Alcohol and Cannabis Impairment Detection Technology and Provides Update on the Next Steps for Technology Commercialization**

*Upcoming Clinical trial in North American Hospital Expected to Provide Additional Third-Party Validation Ahead of Planned Commercial Launch*

**Toronto, ON – January 12, 2022** – Predictmedix Inc. (CSE:PMED) (OTCQB:PMEDF) (“Predictmedix” or the “Company”), an emerging provider of rapid health screening solutions powered by proprietary artificial intelligence (AI), today announced the results of its latest study using the company’s proprietary AI technology (patent pending) to detect alcohol and cannabis impairment, along with an upcoming trial in a North American clinical setting.

Predictmedix’s proprietary impairment detection technology detects cannabis and alcohol impairment using AI algorithms based on a multiparametric approach to identify unique features from multispectral imaging and voice analysis. The Company filed a US patent in 2020 (SYSTEMS AND METHODS FOR DETECTING IMPAIRMENT OF AN INDIVIDUAL, Publication number: 20200387696). The technology does not require biological fluids and is contactless, quick, and easy to use, cost-effective, and provides immediate results.

In a supervised environment with 128 participants, the Company’s proprietary AI technology demonstrated a 79-87% efficacy in identification of cannabis impairment and 76-92% efficacy in identification of alcohol impairment (depending on the amount of cannabis or alcohol consumed by the subject).

Building on the datasets and insights from this and other previous research and studies, we are excited to commence an additional clinical study in February 2022 with researchers and doctors at a North American hospital. If the study shows similar results, the hospital study will provide a third-party independent validation of the Company’s impairment detection solution ahead of commercial launch.

The data collected can be used by the Company to further fine-tune the AI algorithms. The results of the independently validated study will be published in a peer-reviewed medical journal. The Company has engaged an accredited consulting firm to assist the Company in seeking classification of the technology as a class II medical device in the US.

“We are incredibly pleased with the ability of our technology in detecting both Cannabis and alcohol impairment, which presents a global opportunity in industry-wide workplace settings and

law enforcement agencies,” said Dr. Rahul Kushwah, Interim Chief Executive Officer of Predictmedix. “While the results as they stand now are impressive, it is important to note that, as an AI-based solution, the technology is inherently self-learning. Given this aspect of the technology, its efficacy should continue to improve over time as more data is obtained and processed, causing the system to become ‘smarter’.”

“Organizations are extremely concerned about workplace impairment and resulting injuries and accidents due to alcohol and drug use. We know from many studies that blood and oral fluid THC concentrations are relatively poor or inconsistent indicators of cannabis-induced impairment, so it is essential for employers to have an impairment detection solution that is accurate, contactless, quick, easy to use, cost-effective, and provides immediate results for both cannabis and alcohol presence,” stated Sheldon Kales, Chairman of the Board of Directors.

### **About Predictmedix Inc.**

Predictmedix (CSE: PMED) (OTCQB: PMEDF) is an emerging provider of rapid health screening and remote patient care solutions globally. The Company’s Safe Entry Stations – powered by a proprietary artificial intelligence (AI) – use multispectral cameras to analyze physiological data patterns and predict a variety of health issues including infectious diseases such as COVID-19, impairment by drugs or alcohol, or various mental illnesses. Predictmedix’s proprietary remote patient care platform empowers medical professionals with a suite of AI-powered tools to improve patient health outcomes. To learn more, please visit our website at [www.Predictmedix.com](http://www.Predictmedix.com) or follow us on Twitter, Instagram or LinkedIn.

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