



Ventripoint JV Begins Process to have Heart Analysis System Certified for use in COVID Patients in China

Toronto, Ontario – The Newswire – March 16, 2021 - Ventripoint Diagnostics Ltd. ("**Ventripoint**" or the "**Company**"), (TSXV:VPT; OTC:VPTDF) announces that its partner, Yutian Medical Shanghai Inc. ("**Yutian**"), has reported Chinese guidelines for the diagnosis and treatment of COVID-19 patients now require the monitoring of right-ventricular function by non-invasive techniques.

The QAS™ (VMS™ name in China) provides a safe and convenient solution to meet that requirement. Yutian is actively working with regulatory bodies to have the QAS certified for COVID patients and has been successful in placing the QAS devices in intensive care units (ICUs). The Vice-Director of one of the leading hospitals in Shanghai, an early adopter of this application, thinks that they will need at least 3 QAS machines in their ICU department to be adequately resourced for potential future COVID needs.

This innovative application substantially expands the potential market for the QAS in uses beyond echocardiography departments.

About Cardiovascular Disease (CVD) in China

Heart disease is the leading cause of death worldwide -- accounting for approximately one-third of deaths in 2019. China had the highest number of heart disease deaths, followed by India, Russia, the United States and Indonesia (1). China is rapidly aging due to a birth boom during the 1950s to 1970s, which was followed by a long period of imposed 1 child policy (2). Currently, >16% of the population is age 60 years or more, and this proportion is projected to increase to 35% by 2050. The combination of population growth and aging are expected to contribute at least another 3.4 million deaths from CVD over the next 2 decades, and related costs are projected to increase by USD \$7.8 trillion from 2012 to 2030 (2).

China has twice the rate of hypertension and cardiac mortality as the United States due to known risk factors. This latest review paper (1) recommended "risk reduction for avoiding dangerous patterns of alcohol consumption, preventing smoking, adopting diets low in added sugar, sodium, and harmful fats, and maintaining a healthy weight beginning early in life. Effective and affordable clinical strategies remain overlooked by health systems as targets for investments, including methods for non-invasive screening."

There are 34,000 hospitals in China and 1,000 new hospitals being built each year. The rate of admissions for CVD in China is almost twice that for the United States and Europe as China has been unsuccessful in changing people's habits and so provides critical cardiac care (2).

- (1) Global Burden of Cardiovascular Diseases and Risk Factors, 1990–2019: J Am Coll Cardiol. 2020, Dec, 76 (25) 2982-3021
- (2) Epidemiology of Cardiovascular Disease in China and Opportunities for Improvement: J Am Coll Cardiol. 2019, Jun, 73 (24) 3135–3147

About Ventripoint Diagnostics Ltd.

Ventripoint has become an industry leader in the application of AI (Artificial Intelligence) to echocardiography. Ventripoint's VMS products are powered by its proprietary KBR technology, which is the result of a decade of development and provides accurate volumetric cardiac measurements equivalent to MRI. This affordable, gold-standard alternative allows cardiologists greater confidence in the management of their patients. Providing better care to patients serves as a springboard and basic standard for all of Ventripoint's products that guide our future developments. In addition, VMS+ is versatile and can be used with all ultrasound systems from any vendor supported by regulatory market approvals in the U.S., Europe and Canada.

For further information, please contact:

Dr. George Adams
Email: gadams@ventripoint.com
Phone: 519-803-6937

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