



Voluntis and AliveCor Partner to Advance Management of Atrial Fibrillation for Patients with Cancer

Cambridge, Massachusetts and Mountain View, California, January 6, 2022 - Voluntis, an Aptar Pharma company and leader in digital therapeutics, today announced that it has entered into a partnership agreement with AliveCor, Inc. (AliveCor), a leading innovator in FDA-cleared personal electrocardiogram (ECG) technology. Under the collaboration, AliveCor's KardiaMobile device will be integrated with Theraxium, Voluntis' regulated platform for digital therapeutics (DTx), to help address the challenges associated with cardiotoxicity management for patients undergoing cancer treatment and facilitate remote self-monitoring for atrial fibrillation (AFib).

Cardiotoxicity is a common complication associated with anti-cancer therapies such as immunotherapy, radiotherapy and post-operation medication that causes damage to the heart muscle and increases the risk of AFib. Clinical studies¹ have observed that AFib increases the risk of cardiovascular morbidity and mortality; it is associated with an almost two-fold risk of mortality and five-fold risk of stroke. During cancer therapy, the incidence rate of AFib affects the prognosis of tumor treatment and challenges the treatment plan.

"We are excited to be working with AliveCor so that we can together combine extensive coaching and actionable directions for the management of atrial fibrillation," said Pierre Leurent, Chief Executive Officer, Voluntis. "By bringing both our devices and capabilities under the same umbrella, we hope to further improve the treatment adherence for people living with cancer."

The collaboration between Voluntis and AliveCor is aimed at improving patient experience, treatment adherence and the prevention of treatment-related complications by facilitating real-time monitoring and the detection of AFib with KardiaMobile, a small, hand-held personal ECG (electrocardiogram) with sensors that enable a medical-grade, single-lead ECG. KardiaMobile connects to the user's smartphone using ultrasonic audio to record a medical-grade ECG in just 30 seconds. If a heart rhythm abnormality is detected, patients

¹ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6198283/>



can, in cooperation with their healthcare provider, use KardiaMobile to access information about their heart health that can help them make decisions about their care and, if necessary, adapt their treatment strategy.

“AliveCor is pleased to be working with Voluntis to improve cardiac monitoring protocols to better serve people undergoing cancer treatment who may struggle to attend in-person cardiological appointments due to immunosuppression, fatigue or other factors,” said Mark Bogart, Senior Vice President, U.S. Healthcare, AliveCor. “This collaboration opens the door to greater flexibility for patients and gives healthcare providers access to more information to help guide clinical decision-making and patient care.”

By connecting its modular platform with digital biomarkers and sensor-based technologies, Voluntis is creating a comprehensive device eco-system around its platform, allowing patients to receive clinical recommendations based on objective measures and to seamlessly share their data with their care team.

Voluntis intends to make this new integration available to its life sciences partners as part of co-development projects based on the Theraxium platform.

About AliveCor

AliveCor, Inc. is transforming cardiological care using deep learning. AliveCor's enterprise platform allows third party providers to manage their patients' and customers' heart conditions simply and profitably using state-of-the-art tools that provide easy front-end and back-end integration to AliveCor technologies. AliveCor protects its customers with stringent [data security and compliance practices](#), achieving HIPAA compliance and SOC2 Type 1 and Type 2 attestations. AliveCor is a privately held company headquartered in Mountain View, Calif. “Consumer” or “personal” ECGs are ECG devices available for direct sale to consumers. AliveCor Labs is the trademark under which AliveCor Inc. provides services from CardioLabs. For more information, visit alivecor.com.

About Voluntis

Voluntis is an Aptar Pharma company and part of AptarGroup, Inc., a global leader in the design and manufacturing of a broad range of drug delivery, consumer product dispensing



and active material science solutions. Voluntis creates digital therapeutics that empower people with chronic conditions to self-manage their treatment every day, thus improving real-world outcomes. Voluntis' solutions combine mobile and web apps, using clinical algorithms to deliver personalized recommendations to patients and their care teams to adjust treatment dosage, manage side effects or monitor symptoms.

Leveraging its Theraxium technology platform, Voluntis has both designed and operates across multiple digital therapeutics, including oncology and diabetes. Based in Cambridge, MA, and Paris, France, Voluntis is a founding member of the Digital Therapeutics Alliance. For more information, please visit: www.voluntis.com and www.aptar.com.

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