



L I P. Commercialized by utilizing the Yokohama Trial Subsidy

Online Auscultation Education System “iPax” & stetho sound speaker Kikuzo Obtained European patent

Yokohama City is promoting the “Yokohama Life Innovation Platform (LIP.Yokohama)”, an industry-academia-government-finance network that continuously creates innovation in the health and medical fields.

“LIP.Yokohama Trial Subsidy” is one of the efforts of “LIP.Yokohama”. The Online Auscultation Education System iPax and the stetho sound speaker Kikuzo were developed using this (2018, 2019), Teledica Inc. (Aoba Ward) the company that developed them has obtained a European patent this time, following the Japanese patent and the US patent. As a result, in addition to Japan and the United States, it is expected to accelerate the expansion of sales channels in European patent member countries.

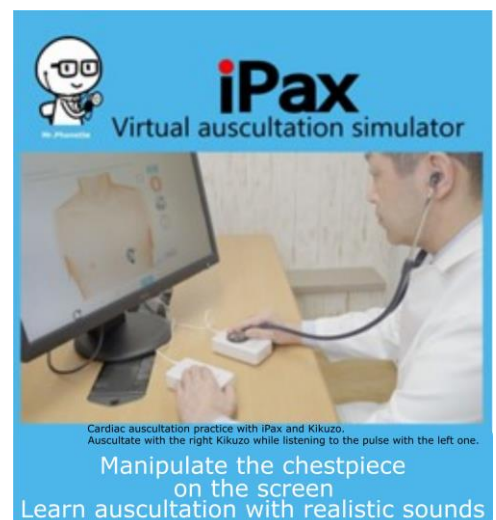
This is an achievement that greatly contributes to product development in the huge European market. As Yokohama City, we will continue to cooperate with overseas offices and support the overseas expansion of local companies.

<Online Auscultation Education System “iPax” & stetho sound speaker Kikuzo>

We have developed a cloud system for auscultation education by making full use of acoustic engineering technology that creates realistic auscultatory sounds with the same frequency as the human body, and technology that continuously changes the sound according to the part of the body being auscultated.

By using “iPax,” everyone can learn medical technology without restrictions on location or time, and onboard AI enables students to learn efficiently on their own. Furthermore, by connecting the “Kikuzo” speaker, you can improve your auscultatory skills using your own stethoscope while taking your pulse.

“iPax” is also used in the Health, Labor and Welfare Science Research Project (considering the introduction of a computer system for the National Examination for Medical Practitioners) undertaken by the Japan Council for Quality Health Care. It can be expected to contribute to the development of medical education around the world as education is becoming online and information is being digitized.



This system is developed under the supervision of Dr. Tsunekazu Takashina, Chairman of the Japanese Educational Clinical Cardiology Society, a leading authority in auscultation education and medical education in Japan, Dr. Takeshi Saraya, Department of Respiratory Medicine, Kyorin University School of Medicine, and Professor Chiaki Hidai, Medical Education Center of Nihon University School of Medicine.

<Telemedica Inc.> HP <http://telemedica.co.jp/>

We are engaged in a medical education business that utilizes ICT and AI. we have developed a sound source that faithfully reproduces the abnormal sounds of the heart and lungs, and a special speaker for auscultation. They are used in education and examinations at medical universities. Furthermore, we cooperate with overseas universities to contribute to the development of medical education.

(※) Also patent pending in Japan for the iPax extended function "Auscultation site recording".