



MENSSANA – MOBILE SOFTWARE APPLICATION TO SUPPORT THE DIAGNOSIS OF PATIENTS WHO SUFFER FROM FOOD INTOLERANCE OR ALLERGIES

DEVELOPED IN PARTNERSHIP WITH THE UNIVERSITY HOSPITAL OF COLOGNE, THE HOSPITAL CENTER OF LUXEMBOURG AND ALLERGY PHYSICIANS, THE MENSSANA SOFTWARE GIVES NUTRITIONISTS AND ALLERGY SPECIALISTS A UNIQUE TOOL FOR PATIENT DIAGNOSIS AND MONITORING.

Why Use MENSSANA?

The Public Research Centre Henri Tudor is interested in contacting companies that would like to commercialize a software application specifically developed for physicians or nutritionists who specialize in diagnosing patients with complex food allergies or food intolerance. Scientific studies suggest that over 3% of the adult population in Europe suffer from food allergies. In the UK, allergy support groups estimate the number of adults suffering from severe food allergies to be almost 500,000. Surveys from allergy physicians report that a written food diary is difficult to maintain and is almost never completed correctly. Healthcare professionals who work with patients who suffer from food intolerance or allergies need a software application that allows them to manage the patient's allergy profile while at the same time remotely gather accurate information from patient food diaries.

Desktop Software for the Management and Analysis of Patient Data

- Create and maintain patient medical and allergen profiles with advanced allergy study capabilities
- Automated analysis of potential allergens against an ingredient database. Uses a novel natural language processing algorithm to identify allergens in ingredient data that may be written in a foreign language
- Calculate relative risk for food items based on patient profiles
- SMS alerts to provide patients with up to date information and current allergy information
- Designed to work with ICD10 and pharmacological (CEFIP) databases for standardization in patient profiles
- Database of over 13,000 manufacturer products with ingredient data via the www.wikifood.eu web platform
- Java® based technology. Available for Mac OS, Windows and Linux operating systems

Personal Allergy Assistant®- Mobile Application for Smart phones

- Electronic Patient Diary – easily record consumed food products, medications, symptoms, and physical activities. Data uploaded to the physician's desktop via secure, normal cell phone connection.
- Product scanning functionality alerts patient when possible allergen has been identified based on established profile. Use of EAN bar codes to identify food products and link them to ingredient lists
- Time stamped entries increase the accuracy of the data collected from the patient

Contact Us for More Information

CR SANTEC, the healthcare informatics department of the Public Research Centre Henri Tudor, is actively involved in telemedicine and food allergy studies. For a more detailed description of this technology please email us at info@santec.lu

