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Country: **Chile**

Titel of the project: **IMPROVING ARRHYTHMIA AND STROKE RISK AWARENESS
IN PATIENTS WITH ATRIAL FIBRILLATION**

Project details

PAOLA VARLETA

CHILEAN SOCIETY OF CARDIOLOGY / DEPARTMENT OF CARDIOVASCULAR PREVENTION

Award amount: €100,000

ONE THOUSAND PATIENTS WITH AN ECG WITH ATRIAL FIBRILLATION WILL BE CONTACTED AT THEIR HOME. A SURVEY WILL BE DONE, TO EVALUATE AWARENESS OF THEIR ARRHYTHMIA AND STROKE RISK. AN EDUCATIONAL KIT WILL BE DELIVERED TO THE PATIENT INCLUDING A WEB-SITE. AFTER EIGHT MONTHS THE SURVEY WILL BE REPEATED

THE DEPARTMENTS OF PREVENTIVE CARDIOLOGY AND ARRHYTHMIAS OF THE CHILEAN SOCIETY OF CARDIOLOGY WILL PARTICIPATE IN COLLABORATION WITH THE CHILEAN TELEMEDICINE CENTER, IN THE DETECTION OF PATIENTS WITH ATRIAL FIBRILLATION AND THE EDUCATION ABOUT THEIR DISEASE AND RISK. THE CHILEAN TELEMEDICINE CENTER IS A UNIQUE CENTRAL CENTER THAT RECEIVES ELECTROCARDIOGRAMS SENT BY TELEPHONIC SIGNAL FROM MANY PUBLIC HEALTH CENTERS OF CHILE. THE DAILY RECEPTION OF ECGs IS APROXIMATELY 1.000 TRACINGS, OF WHICH 33% BELONGS TO THE METROPOLITAN REGION OF SANTIAGO CITY. CONSIDERING AN ATRIAL FIBRILLATION PREVALENCE OF 5 % , IT IS PAUSIBLE TO ACHIEVE ONE THOUSAND TRACINGS OF ATRIAL FIBRILLATION IN THREE MONTHS. THEREFORE, OUR PROJECT IS DIRECTED TO THE FIRST ONE THOUSAND PATIENTS, RESIDENTS OF SANTIAGO, DIAGNOSED DURING 2011 WITH ATRIAL FIBRILLATION BY AN ELECTROCARDIOGRAM RECEIVED AT THE CHILEAN TELEMEDICINE CENTER, AND CONFIRMED BY AN EXPERT TEAM OF PHYSICIANS. AT THE PUBLIC HEALTH CENTER THE PHYSICIAN THAT ATTENDS THE PATIENT WILL INFORMED HIM ABOUT THE RESULT OF THE ECG AND THAT EVENTUALLY HE WILL BE CONTACTED FOR EDUCATION. THESE PATIENTS WILL BE CONTACTED BY A TELEPHONE CALL FROM OUR SOCIETY WITH THE PURPOSE TO ASK THE PATIENT TO ACCEPT AND SCHEDULE A DOMICILIARY VISIT. IF THE PATIENT ACCEPTS, A MEMBER OF THE PROJECT WILL VISIT HIM WITH TWO OBJECTIVES: TO APPLY A SURVEY TO THE PATIENT AND TO DELIVER HIM AN EDUCATIONAL KIT. THE SURVEY WILL BE ANSWERED BY THE PATIENT GUIDED BY THE VISITOR. IT CONSISTS OF APROXIMATELY 20 MULTIPLE CHOICE QUESTIONS, INCLUDING DIFFERENT ASPECTS OF THE DISEASE. IT INCLUDES QUESTIONS ABOUT: AWARENESS OF OWN ATRIAL FIBRILLATION, AWARENESS OF THE PREVALENCE OF THE ARRHYTHMIA IN ADULT POPULATION, KNOWLEDGE ABOUT ATRIAL FIBRILLATION STROKE RISK AND THE CARDIOVASCULAR CONDITIONS ASSOCIATED (CHADS) AND THE PATIENT´S PERCEPTIONS OR FEARS. ALSO IT INCLUDES QUESTIONS TO KNOW IF THE PATIENT VISITS A PHYSICIAN BECAUSE OF HIS ARRHYTHMIA, IF THESE VISITS ARE REGULAR, IF THE PATIENT HAS RECEIVED RECOMMENDATIONS ABOUT HIS MEDICAL CONDITION, IF HE IS INFORMED ABOUT TREATMENT OPTIONS AND FINALLY, IF HE IS RECEIVING SOME TREATMENT. AT THE END OF THE SURVEY THE VISITOR WILL GIVE THE PATIENT A SIMPLE EDUCATIONAL KIT CONSISTING OF A

MAGNET WITH OUR SLOGAN : "FIBRILACION AURICULAR: CONOCE TU ELECTRO, CONOCE TU RIESGO" (ATRIAL FIBRILLATION: DO YOU KNOW YOUR ECG, DO YOU KNOW YOUR RISK) AND A LEAFLET WITH INFORMATION ABOUT ATRIAL FIBRILLATION AND A REFERENCE TO A WEB SITE. THE VISITOR WILL ADVISE THE PATIENT AND FAMILY MEMBERS TO VISIT THE WEBSITE OF THE CHILEAN SOCIETY OF CARDIOLOGY AND SPECIFICALLY THE LINK TO THE INFORMATION ABOUT ATRIAL FIBRILLATION. FINALLY THE VISITOR WILL ASK THE PATIENT'S ACCEPTANCE FOR ANOTHER SURVEY, TO BE DONE IN THE FUTURE BY PHONE CALL OR AT HIS HOME. AFTER A PERIOD OF EIGHT MONTHS THE PATIENT WILL BE CONTACTED AND THE SURVEY WILL BE REPEATED. THE ANSWERS WILL BE CONSIDERED ONE OF OUR MEASURES OF SUCCESS. FINALLY, THE CHILEAN SOCIETY OF CARDIOLOGY WILL PLACE POSTERS AT PUBLIC HEALTH CENTERS OF SANTIAGO, PROMOTING OUR ATRIAL FIBRILLATION EDUCATION WEBSITE.

Audience

Type

- AF Patients
- Carers of AF Patients

Location

Chile, South America