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Country: **Mexico**

Titel of the project: **ATRIAL FIBRILLATION AND SILENT CEREBRAL ISCHEMIA
OUT OF MIND, OUT OF SIGHT**

Project details

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Award amount: €100,000

TO DETERMINE THE NUMBER OF ASYMPTOMATIC ARRHYTHMIAS, PARTICULARLY THOSE OF ATRIAL FIBRILLATION, IN ADULT PATIENTS WHO HAVE SUFFERED FROM AN EMBOLISM, AS WELL AS THE NUMBER OF MINOR EMBOLISMS THAT HAD NOT BEEN DETECTED IN PATIENTS WITH AN ATRIAL FIBRILLATION DIAGNOSIS. THE RISK FACTORS OF BOTH GROUPS WILL BE ANALYZED.

MATERIAL: ALL STUDY SUBJECTS SHALL BE OLDER THAN 55 YEARS OLD AND WILL BE DISTRIBUTED BETWEEN TWO GROUPS. GROUP 'A' WILL BE SOURCED FROM THE NATIONAL INSTITUTE OF NEUROLOGY OF MEXICO AND HAVE A HISTORY OF CEREBROVASCULAR DISEASE WITHOUT DETECTED HEART RHYTHM DISORDERS. GROUP 'B' WILL BE SOURCED FROM THE ATRIAL FIBRILLATION CONSULTATION OF THE NATIONAL INSTITUTE OF CARDIOLOGY OF MEXICO WITHOUT A KNOWN HISTORY OF CEREBROVASCULAR DISEASE. METHODS: ALL PATIENTS FROM GROUP 'A' WILL BE SUBJECTED TO STUDIES OF TRANSTHORACIC ECHOCARDIOGRAPHY AND 24-HOUR HOLTER MONITORING TO DETECT MORPHOLOGIC ALTERATIONS WITH CARDIO-EMBOLIGEN RISK AND ASYMPTOMATIC HEART RHYTHM DISORDERS. IN CASES WHERE THERE IS DIAGNOSTIC DOUBT ABOUT POSSIBLE CARDIOEMBOLISM, ADDITIONAL TRANSESOPHAGEAL ECHOCARDIOGRAPHY WILL BE CARRIED OUT. GROUP 'B' PATIENTS WILL BE EVALUATED BY MEANS OF NEUROLOGIC EXAMINATION AND NEUROIMAGING STUDIES TO RULE OUT CLINICALLY SILENT CEREBRAL ISCHEMIC DISEASE.

Audience

Type

- AF Patients
- PATIENTS WHO HAVE SUFFERED FROM CVD

Location

Mexico, North America