

**HIGHER TECHNICAL INSTITUTE
COURSE IN COMPUTER STUDIES**

DIPLOMA PROJECT

**SCREENING OF FAMILY MEMBERS AND
FOLLOW UP OF PATIENTS WITH
SUBAORTIC STENOSIS**

CS/272

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SUMMARY

Project Title: Screening of family members and follow up of patients with
Subaortic Stenosis

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The original proposal issued by the Computer Studies Department of the Higher Technical Institute, in part fulfilment of the requirements of the award of the Diploma in Computer Studies, deals with the development of a system that will serve for screening of all family members of the patients with subaortic Stenosis, a disease which is of high incidence in Cyprus.

The main purpose of the study is to identify families with more than one member with subaortic Stenosis. This will help in the search to identify the possible gene for the disease. The database will also hold the data of the examinations of the patients that will help elucidate the natural history of the disease. Moreover, demographic data held in the system, will help to identify areas of higher incidence of the disease.

Through the use of this database package, and the further study of the output by doctors and statisticians, many useful information will be derived that may allow the doctors to have a greater chance against this disease.

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