**Original article:**

**Study of influence of the duration of NIDDM on CCA-IMT**

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**Abstract:**

**Introduction:** The unprecedented increase in diabetes and cardiovasular disease (CVD) prevalence is evident from the report of WHO which shows that India tops the world with the largest number of subjects. All these data suggest that the epidemic of type 2 DM and CAD has already assumed alarming proportions and urgent measures are needed to stem it. With this view present work was planned to study of influence of the duration of NIDDM on CCA-IMT.

**Materials and Methods** : From the diabetics who underwent coronary angiography in our institution, 20 patients having CAD and 20 patients having normal coronaries were selected. Each patient was subjected for carotid dopper to measure CCA-IMT during the same hospital stay. The sample size was estimated with the help of expert.

**Observations & results** : There is highly significant difference in mean IMT between type II DM and non-diabetics.

**Conclusion:** Present study shows greater the duration of NIDDM, greater the IMT in NIDDM.