**INFRAPOPLITEAL ENDOVASCULAR PROCEDURES ON PATIENTS WITH DIABETES MELLITUS: MID-TERM FOLLOW-UP RESULTS.**

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**Objective:** Atherosclerotic infrapopliteal arterial diseases are associated with poor outcomes. To comparison of diabetic and non diabetic patients underwent endovascular procedures.

**METHODS:** Fifteen patients with diabetes mellitus underwent infrapopliteal endovascular procedures (PTA and Stent). This group was matched with 15 cohort of patients without diabetes mellitus which were selected from the vascular database. Restenosis and clinical outcomes were assessed at a follow-up of 1- 3 years.

**Results.-** Diabetic patients had a higher percentage of chronic kidney disease (25.7% vs. 4.3%; P<.01), coronary artery disease (48.6% vs. 15%; P=.02), and wound (62% vs. 24.3%; P<.001Cumulative patency in diabetics for 1 and 3 years were 78.6% and 67.1% respectively. The results in non-diabetics were 81.4% and 74.4%, respectively (p>0.05). Six minor and 3 major amputations had to be performed on diabetics contrary to the 2 minor amputations in non-diabetics (p<0.05).

**Conclusion.-** Results achieved in diabetic group were not statistically significant than the non-diabetic group although amputation rate was found higher in the former.