

## **Initial Experience with the Jetstream™ Pathway Device for Femoro-Popliteal Disease.**

*Javed, Imran*

*JHL, Surgery, Lahore, Pakistan*

**Objectives:** To report safety and efficacy of Jetstream™ Pathway rotational atherectomy/thrombectomy device for the treatment of femoro-popliteal arterial lesions with special emphasis on rate of re-intervention and intervention free period.

**Materials & Methods:** Duration of study is from Mar 2008 to Nov 2009 (21Months). Total numbers of patients is 86. Males are 55(64%) & Females are 31(36%). Age range is 36 to 87 Years. All patients underwent Pathway Atherectomy during this time period regardless of their previous status were included. Re intervention in the same limb after atherectomy was endpoint of the study.

**Results:** TLR (Target Lesion Revascularization) was 15% in patients during follow up period. Re intervention was more common in first 3 months after first intervention. It was more common in TASC II type B lesions and mostly managed by Balloon Angioplasty.

**Conclusion:** The JetStream™ Pathway device with thrombectomy and aspiration capabilities has added advantages to femoro-popliteal atherectomy. Adjunctive stenting remains very low in this difficult segment. Long term follow up will definitely be needed for durability and patency. **Key Words:** Femoro-Popliteal Disease, JetStream™ Pathway device, Re intervention.