Endovascular Repair For Popliteal Artery Aneurysm: Pitfalls And Complications: When Is Open Surgery Best?

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Prevent Limb loss!! Mohan IV, EJVES 2006; 32:149-54,



Table 5. Outcome after treatment of asy	mptomatic popliteal a	aneurysm dependin	g on treatment moda	lity.	
lotal no. 300	Open repair (245)		Stent graft (55)		p
Primary national 30 days	232/244	95.1	50/53	94.3	823
Secondary natency, 30 days	242/245	98.8	52/55	94.5	.043
Amputation within 30 days	0/245	0	1/55	1.8	.035
Death within 30 days			oler	0	-
Amputation for survival, 30 days	245/245	100	54/55	38.1	.035
mmary patency, 1 year	186/209	89.0	31/46	67.4	<.00.
Secondary patency, 1 year	200/214	93.5	41/49	83.7	.026
Amputation within 1 year	2/220	0.9	1/50 ^b	2.0	.507
Death within 1 year	3/242	1.2	3/55	5.4	OMP
Amputational survival, 1 year	216/221	97.8	48/52	92.2	.048



















Stent Fractures in EPAR Haemobahn/Viabahn stent fractures occurred in 28% of the cases. The 5-year and 10-year fracture-free survival rate was 78% and 54%, respectively. 13/21 (62%) stent fractures occurred at the level of Fracture free the overlap zone of different endografts. Associated with stent graft occlusion in one-third of the cases with a fractured stent. Younger age and multiple stent grafts could lead to ે તેર સંગો એ એ છે જે એ એ છે તેર કો છે. Time (months) stent fractures. Littles area 13 44 55 26 27 16 42 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 5 6 5 5 5 6 5 5 6 5 5 6 5 5 5 5 6 5 5 6 5 5 6 5 5 5 6 5 5 5 6 5 5 5 6 5 5 6 5 5 6 5 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 6 7 6

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Younger age may be a factor because of a increased

physical activity.

Runoff Vessels? Table IV. Multivariate analysis of selected variables on primary patency Primary patency OR cohort ER cohort 95% CI P value 95% CI P value P value 95% CI 0.82-12.37 .63 .01 0.22-12.17 0.01-0.45 .10 .01

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Adjunctive Therapy Antiplatelet agents essential!!!! py or combination therapy with clo Regression analysis (by Groningen group) demonstrated graft occlusion related to Non-use of Clopidogrel.

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Summary

- EPAR has come of age.
- Popliteal aneurysm stenting can deliver results comparable to open bypass with vein grafts.
- Procedural technique must include a flexed knee completion angiogram.
- Medically unfit patients are not good candidates for EPAR (or OPAR). VEITH

