

Case Report: Excision of Baker's Cyst

Courtesy of Dr. med. Tanja Frieß, MHBA, Clinic for Vascular Surgery, Mainz, Germany

Dr. T Frieß's vascular surgical team excised a Baker's cyst from the back of the knee of a young patient born with this rare pathology that presented clinically with claudication and pain at rest. The photos below show the excision procedure after which popliteal arterial flow was measured intraoperatively to assure adequate blood flow to the lower extremity.

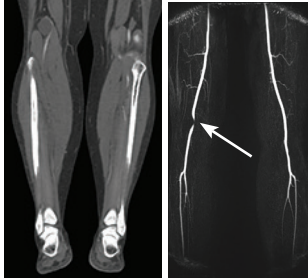


Fig. 1: MRI showing compromised left popliteal artery



Fig. 2: Checking site of Baker's cyst



Fig. 3: Marking incision line



Fig. 4: Opening site of cyst



Fig. 5: Opening site

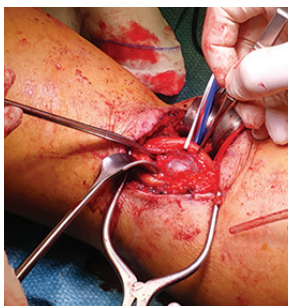
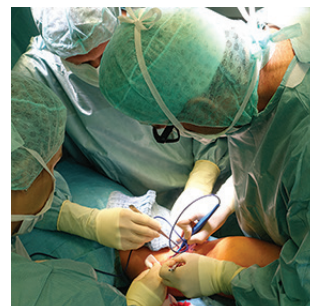


Fig. 6: Isolating Baker's cyst



Figs. 7, 8: Removing cyst

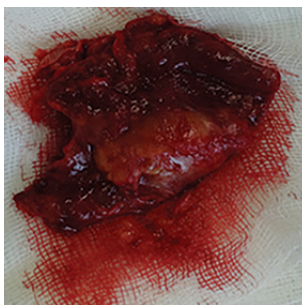
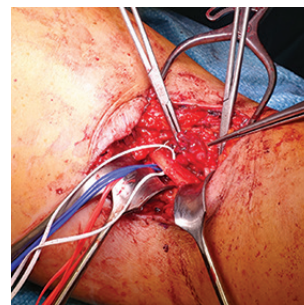


Fig. 9: Excised Baker's cyst



Figs. 10, 11: Isolating popliteal artery (PA)

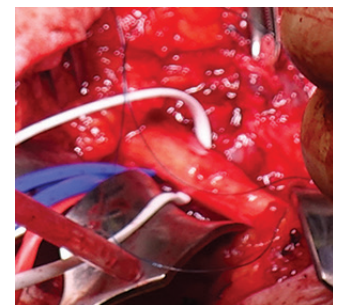
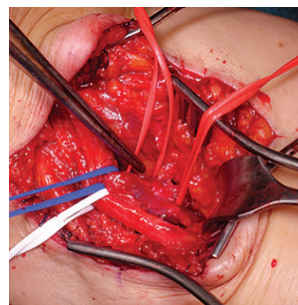


Fig. 12: PA isolated for flow measurement

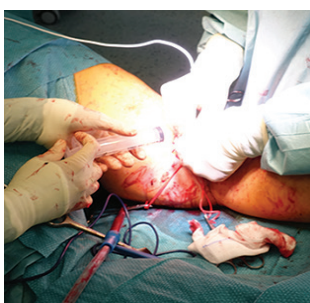


Fig. 13: Measuring popliteal flow

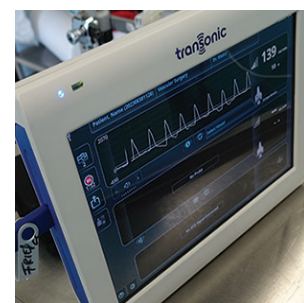


Fig. 14: Flow value & waveform



Fig. 15: Site ready for closure



Fig. 16: Suturing



Fig. 17: Checking suturing



Fig. 18: Checking limb flexibility post-op.



Fig. 19: Dr. T. Frieß & assistants