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**CASE REPORT AND SHORT REVIEW ON THE ROLE OF OPEN SURGICAL
METHODS IN THE TREATMENT OF LOWER LIMB ISCHEMIA.**

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Introduction. Lower limb ischemia remains an unsolved medical issue in modern medicine. Despite numerous surgical, interventional and pharmacological treatment possibilities, it is estimated that each year in Poland over 10 thousand lower limb ischemic amputations are performed. In recent years we observe a dynamic evolution in endovascular techniques, which let us safely treat a growing number of vascular conditions. Despite this rapid progress, in some cases, classical surgery remains the only treatment option.

Case report. I would like to present a patient with severe ischemia affecting both his lower limbs. Despite numerous attempts of endovascular treatment, all of them failed. Open surgery remained the only option to avoid ischemic amputation. During treatment, he underwent patch plasty with the use of artificial patch. However, the patch became infected in days following the operation and patient had to undergo several further interventions to save his limb as well as life. Eventually, successful femoro-popliteal vein by-pass was performed. 2 months post-surgery false aneurysm in upper anastomosis was diagnosed. Patient had it successfully surgically treated.

Summary: Pros and cons of endovascular and surgical treatment of lower limb ischemia are constantly discussed. Presented case gives us an opportunity to have a closer look in opportunities and drawbacks of open surgery in current endovascular world. We suggest that complicated cases should primarily be treated with classical, surgical methods.