

Revascularization of Ischemic Toes via Peri-lesional Infiltration of Amniotic Fluid – a case series

H. David Gottlieb, DPM, DABPM, FAPWCA



The use of amniotic tissues in medicine and surgery was first reported in 1910. It has been suggested that one mechanism by which these tissue implants facilitate healing is by fostering angiogenesis.

The three patients presented here all had critical limb ischemia and either were not candidates for surgery or refused surgical intervention. Amniotic fluid was infiltrated proximal to the ischemic tissues in a ring fashion in a series of infiltrations 2 weeks apart.

All three patients reported relief from ischemic pain within 48 hours or less after infiltration. All three of these patients healed without additional amputation. Standard wound care was applied.

This poster demonstrates that amniotic fluid infiltration [usually 2] is a clinically demonstrated effective way to revascularize ischemic tissues in the foot.