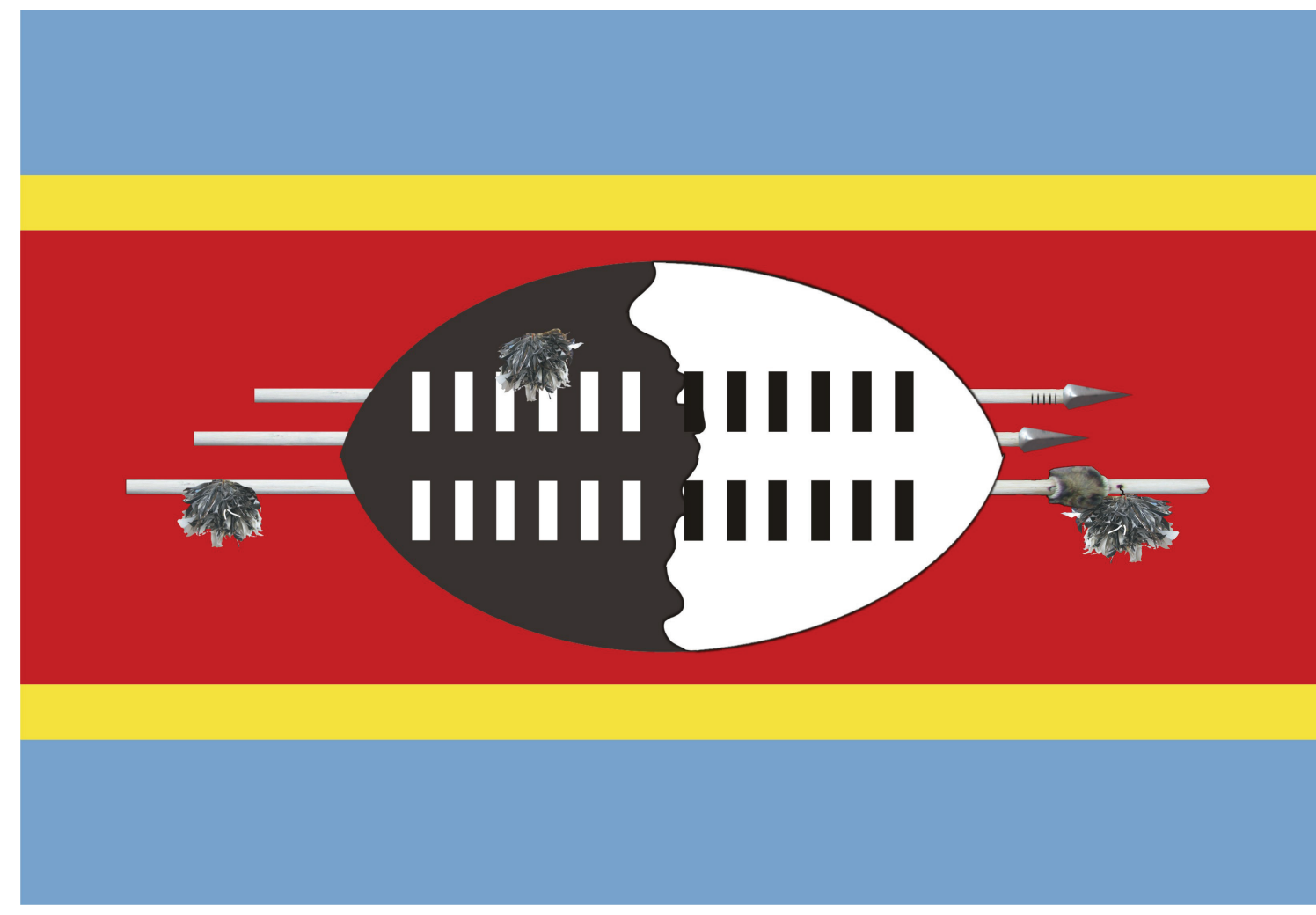


Treatment Goal: Save the Right Leg After a Construction Project Crush Injury

TLC: Kevin Gahman, MD; Liberty: Joseph R. Johnson, DO; McCord: Robert G. Frykberg, DPM



ESWATINI

PATIENT BACKGROUND

A 30-year-old male with no past medical history presented on Feb 16, 2024, after suffering a crush injury during a construction accident. Initial evaluation showed extensive soft tissue damage to the right thigh. Underwent I&D Feb 19, 2024, of the right thigh, exposing superficial soft tissue damage, which was removed, and drains were placed in the anterior thigh compartment to help drain excess fluid. Additional superficial injury was noted as the days passed, including blistering of the lower extremity, foul-smelling discharge throughout the leg, and later maggot formation of the upper thigh. The post-op course was complicated by severe anemia, which precluded more aggressive and timely debridement. After stabilizing the severe anemia, a second procedure was completed on March 2, 2024, in which extensive soft tissue and muscle debridement was accomplished. The patient was then treated with IV antibiotics, analgesia, and advanced wound care.

TEAM



Founders of TLC with McCord's Alex Hovey

03/02/24

UPPER LEG



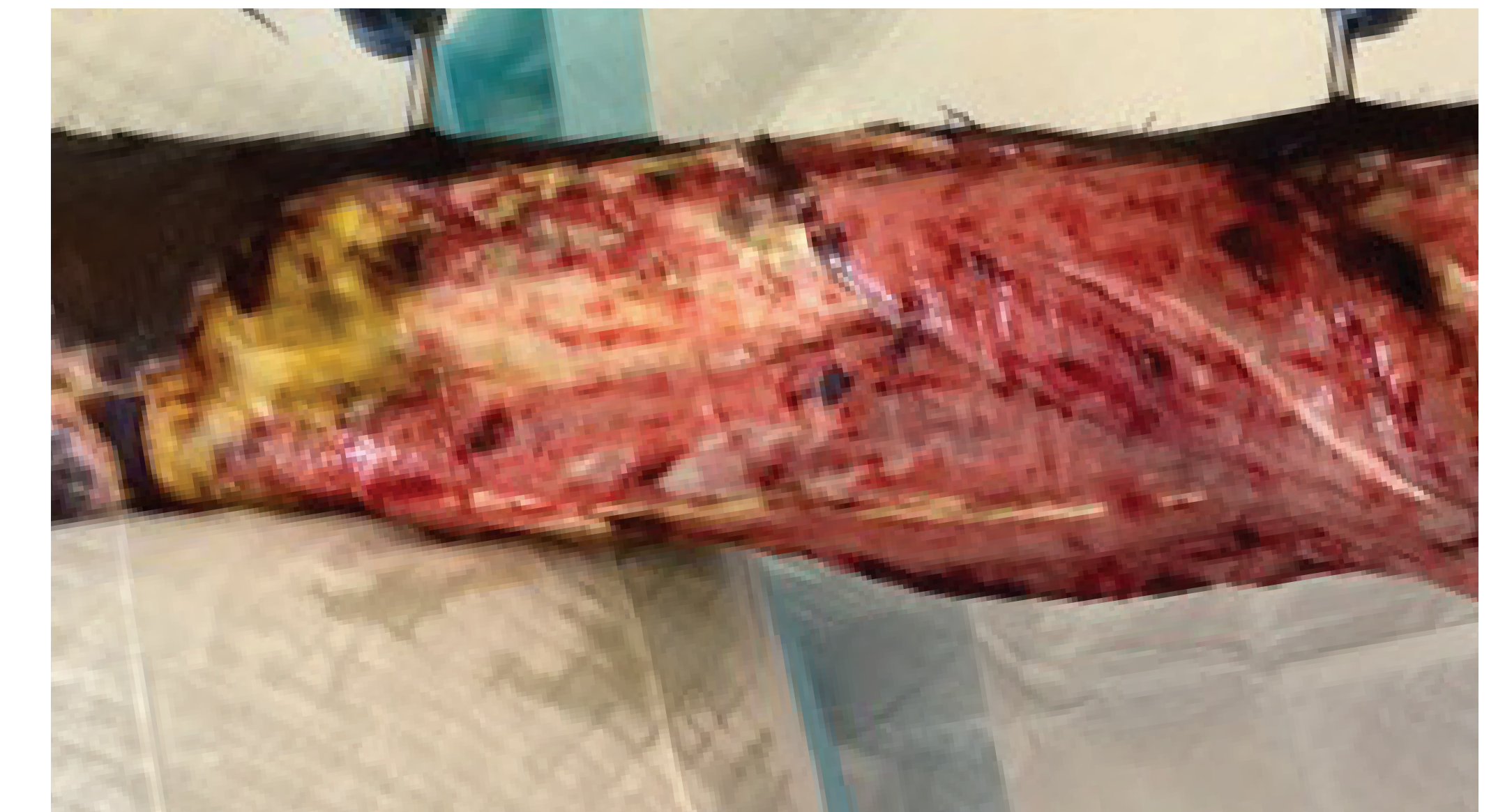
03/02/24

LOWER LEG



03/10/24

LOWER LEG



03/22/24

UPPER LEG



03/24/24

UPPER LEG



03/26/24

LOWER LEG



03/28/24

LOWER LEG



03/28/24

UPPER LEG



Treatment Protocol:

- Wound bed cleansing agent: BioCleanse
- Peri-wound cleansing agent: sterile water
- Primary dressings: BioRelease +AgFresh
- Secondary dressings: Foam, lap sponge, tape

TREATMENT CURRENTLY IN PROGRESS

SPONSORS



STUDY FACILITY

The Luke Commission serves the most isolated and underserved people of Eswatini with free, comprehensive, compassionate health care. At the fixed-site Miracle Campus and extensive outreach network across Eswatini, TLC delivers mobile health services through over 200,000 patient visits annually and serves as a center of excellence for digital solutions, compassionate medicine, and leadership development with a resilient team of over 700 local staff.