

Knee Disarticulation Amputation

Muscles:

Trial look at flap coverage

Trial look to approximate the muscle coverage and determination that the medial gastrocnemius muscle will be sufficient to cover the joint.

Examine medial and lateral gastroc muscles

Begin to develop the plane between the two muscles.

Separate medial and lateral gastroc muscles

Separation in the central area between the medial and lateral gastroc muscle bellies.

Dissect lateral gastroc

Dissect the lateral gastroc muscle off the fascia so that it can be removed. Keep the superficial fascia with the posterior flap. Dissect the muscle up proximally.

Vascular pedicle

Dissect and clamp the vascular pedicle to the lateral gastroc muscle.

Transect the gastroc

Transect the thin proximal portion of the gastroc muscle near its origin.

Ligate the vascular pedicle

Ligate the vascular pedicle of the lateral gastroc muscle.

Myodesis

The medial gastroc muscle is mobilized up over the femoral condyles to provide distal padding and myodesis of the muscle to the anterior joint capsule. The muscle is centered over the femoral condyles.

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