

Table 2. Summary of Muscle Changes After Arterial Repair

Case	Type of Vascular Injury *	Type of Repair and Hours After Injury	Appearance of Limb at Biopsy	Muscle Biopsied	Surgical Appearance of Muscle	Hours—Injury to Biopsy	Microscopic Findings	Outcome
12	sev. left brachial a.; throm. of prof. a.	anas. & removal of throm.; lig. of br. veins—12 hours	warm, but swollen	flexor compart. muscle	contraction; swollen; bulging; bled slowly	24	slight separation, many fibers; exaggeration of cross-striations; focal waxy swelling	exc. of flexor compart. 16th day after biopsy
13A	spasm, left com. fem. a.; sev. prof. a. (also exp. to cold)	relief of spasm; lig. of prof. a.; repair, fem. v.—11 hours	swollen; pulseless	gastroc.	ischemic; swollen	33½	marked focal waxy & vacuolar degeneration; focal exaggeration of cross-striations	amp. on 3d day after biopsy
14	sec. left ax. a. & prof. a.	vein graft; lig. ax. veins—9½ hours	?	flexor compart. muscle	hard, knotted; edematous, "ischemic"; bled slowly	33½	advanced amorphous necrosis, disruption, and poly. infiltration	throm. of graft; result poor