

Musculoskeletal soft tissue conditioning

Duda GN, Schaser K-D, Haas NP:

Significance of musculo-skeletal soft tissue trauma on pre-operative planning, surgery and healing 279

Menger MD, Laschke MW, Amon M, Schramm R, Thorlacius H, Rücker M, Vollmar B:

Experimental models to study microcirculatory dysfunction in muscle ischemia-reperfusion and osteomyocutaneous flap transfer 281

Heller MO, Taylor WR, Perka C, Duda GN:

The influence of alignment on the musculo-skeletal loading conditions at the knee 291

Duda GN, Bartmeyer B, Sporrer S, Taylor WR, Raschke M, Haas NP:

Does partial weight bearing unload a healing bone in external ring fixation? 298

Herzog W, Longino D, Clark A:

The role of muscles in joint adaptation and degeneration 305

Claes L, Eckert-Hübner K, Augat P:

The fracture gap size influences the local vascularization and tissue differentiation in callus healing 316

Schaser KD, Zhang L, Haas NP, Mittlmeier T, Duda G, Bail HJ:

Temporal profile of microvascular disturbances in rat tibial periosteum following closed soft tissue trauma 323

Bumann M, Henke T, Gerngross H, Claes L, Augat P:

Influence of haemorrhagic shock on fracture healing 331

Rücker M, Strobel O, Vollmar B, Spitzer WJ, Menger MD:
Protective skeletal muscle arteriolar vasomotion during critical perfusion conditions of osteomyocutaneous flaps is not mediated by nitric oxide and endothelins 339

Masquelet AC:

Muscle reconstruction in reconstructive surgery: soft tissue repair and long bone reconstruction 344

Rose T, Peng H, Shen H-C, Usas A, Kuroda R, Lill H, Fu FH, Huard J:

The role of cell type in bone healing mediated by ex vivo gene therapy 347

Rose T, Peng H, Usas A, Kuroda R, Lill H, Fu FH, Huard J:

Gene therapy to improve osteogenesis in bone lesions with severe soft tissue damage 356

Mastery in surgery

Cervantes J:

Fiftieth anniversary of the first aortic valve prosthesis implantation 366

Forthcoming articles in print

published online and citable with the DOI (Digital Object Identifier) can be found at springerlink.com

Indexed in/abstracted by *Current Contents* and *Index Medicus*

Online First
Immediately Online

Faster publication!



Springer



1435-2443(200310)388:5;1-Q