

Arthroscopy Assisted Reduction Percutaneous Internal Fixation versus Open Reduction Internal Fixation for Low Energy Tibia Plateau Fractures

Yiyang Wang¹, Jianping Wang¹, Jun Tang¹, Feiya Zhou¹, Lei Yang¹, Jianbin Wu^{1*}

¹The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou

Medical University, Zhejiang Province, China

Yiyang Wang, e-mail: fey10000@163.com

Jianping Wang, e-mail: wjp692821@163.com

Jun Tang, e-mail: 13868656511@139.com

Feiya Zhou, e-mail: feiyazhou@yeah.net

Lei Yang, e-mail: wyey_yl@hotmail.com

*Jianbin Wu, corresponding author, e-mail: wjb@wzhealth.com

Search strategy (PubMed)

#1 Tibial Fractures [MeSH Terms]

#2 Knee Injuries [MeSH Terms]

#3 knee joints/injuries [MeSH Terms]

#4 #1 or #2 or #3

#5 "tibia fracture" or "tibia fractures" or "fracture of tibia" or "fractures of tibia"
or "tibial fracture" or "tibial fractures" or "tibia plateau fracture" or "tibia plateau
fractures" or "tibial plateau fracture" or "tibial plateau fractures" or "proximal
tibia fracture" or "proximal tibia fractures" or "proximal tibial fracture" or
"proximal tibial fractures" or "fracture of tibia plateau" or "fractures of tibia
plateau" or "fracture of tibial plateau" or "fractures of tibial plateau" or "fracture
of proximal tibia" or "fractures of proximal tibia" or "knee injury" or "knee
injuries" or "proximal metaphyseal tibia fracture" or "proximal metaphyseal tibia
fractures" or "proximal metaphyseal tibial fracture" or "proximal metaphyseal
tibial fractures" or "proximal epiphyseal tibia fracture" or "proximal epiphyseal
tibia fractures" or "proximal epiphyseal tibial fracture" or "proximal epiphyseal
tibial fractures"

#6 #4 or #5

#7 "tibial shaft fracture" or "tibial shaft fractures" or "tibia shaft fracture" or
"tibia shaft fractures" or "tibial diaphyseal fracture" or "tibial diaphyseal fracture"
or "tibia diaphyseal fracture" or "tibia diaphyseal fractures" or "tibial diaphysial
fracture" or "tibial diaphysial fracture" or "tibia diaphysial fracture" or "tibia

diaphysial fractures” or “tibial diaphysis fracture” or “tibial diaphysis fracture” or
“tibia diaphysis fracture” or “tibia diaphysis fractures” or “distal tibial fracture”
or “distal tibial fractures” or “distal tibia fracture” or “distal tibia fractures” or
“pilon fracture” or “pilon fractures”

#8 #6 not #7

#9 fracture fixation, internal [MeSH Terms]

#10 Fracture Fixation, Intramedullary [MeSH Terms]

#11 fracture fixation [MeSH Terms]

#12 fracture osteosynthesis [MeSH Terms]

#13 bone nails [MeSH Terms]

#14 bone plates [MeSH Terms]

#15 External Fixators [MeSH Terms]

#16 #9 or #10 or #11 or #12 or #13 or #14 or #15

#17 "fracture fixation" or "fractures fixation" or "internal fixation" or "plates" or
"plate" or "bone plates" or "bone plate" or "extramedullary fixation" or
"osteosynthesis" or “intramedullary nail” or “intramedullary nails” or “nail” or
“nails” or “external fixator” or “external fixators” or “circular fixator” or “circular
fixators” or “hybrid external fixator” or “hybrid external fixators”

#18 #16 or #17

#19 #8 and #18