

CONTENTS

G. Logroscino, M. Saracco, R. Goderecci, A. Paglia and V. Calvisi. Arthroscopy in osteochondral pathology of the elbow: indications, treatment and complications	1
F. Bruno, R. Goderecci, A. Barile and V. Calvisi. Comparative evaluation of meniscal pathology: MRI vs arthroscopy	9
V. Calvisi, R. Goderecci, F. Rosa and A. Castagna. Arthroscopic anatomic repair of Bankart lesion in rugby players	15
R. Papalia, B. Zampogna, F. Russo, G. Torre, S. De Salvatore, C. Nobile, M.C. Tirindelli, A. Grasso, G. Vadala and V. Denaro. The combined use of platelet rich plasma and hyaluronic acid: prospective results for the treatment of knee osteoarthritis	21
R. Papalia, G. Torre, B. Zampogna, F. Vorini, A. Grasso and V. Denaro. Sport activity as risk factor for early knee osteoarthritis	29
L. Capasso, M. Florio, M. Lillo, M. Basilico, V. De Santis, A. Ziranu, A. Grasso, Minutillo and G. Maccauro. Vascular endothelial growth factor expression as a biomarker of prognosis in patients with chondrosarcoma, Ewing's sarcoma and osteosarcoma. Current concepts	39
M.S. Oliva, G. Masci, R. Vitiello, V. De Santis, F. Liuzza, A. Grasso, F. Minutillo, G. Maccauro and G. Cazzato. Hip megaprosthesis in oncological surgery: open questions	45
E. Adriani, S. Cialdella, S. Terrando, S. Giusti, M. Adriani and G. Maccauro. Posterior cruciate ligament reconstruction in skeletally immature athletes	51
G. Ippolito, S. Ferraro, M. Zitiello, E. Bonacci, L. Garro, M.F. Surace, E. D'angelo and G. De Marinis. Shoulder periprosthetic fracture in elderly patient: a minimally invasive osteosynthesis and "off-label" treatment with teriparatide. A case report and literature review	56
E. Adriani, S. Cialdella, S. Terrando, R. De Filippis, M. Adriani and G. Maccauro. Modular dual mobility cups with multihole metal back in total hip arthroplasty revision: a systematic review	63
L. Farinelli, A. Aquili, S. Manzotti, L. Graciotti, M.M. Messi and A. Gigante. Characterization of human costal cartilage: is it an adapt tissue as graft for articular cartilage repair?	69
L. La Barbera, R. D'apolito, G.M. Peretti, M. Piergiovanni, G. Banfi And L. Zagra. Modular implant design affects metal ion release following metal-on-metal hip arthroplasty: a retrospective study on 75 cases	79
F. Verdoni, D. Compagnone, F. Grasso, M.D.M. Lombardo, N. Maffulli, G.M. Peretti and L. Mangiavini. Chemical and physical influences in bone and cartilage regeneration: a review of literature	89
F. Verdoni, D. Compagnone, F. Grasso, M.D.M. Lombardo, N. Maffulli, G.M. Peretti and L. Mangiavini. Fibula-pro-tibia transfer with external fixator after tibia fracture with extensive bone defect: a case report	97
R. Aicale, D. Tarantino, G. Maccauro, G.M. Peretti and N. Maffulli. Genetics in orthopaedic practice	103
U. Polito, S.C. Modina, A. Di Giancamillo, V.T. Nguyen and G.M. Peretti. Decorin age-related variations in the distribution of pig extracellular matrix meniscus	119
G. Annarumma, R. Aicale, D. Tarantino, F. Bruno, G. Maccauro and N. Maffulli. Surgery within 48 hours in hip fractures in elderly patients exerts a positive effect on post-operative hyponatremia	125
L. Proietti, A. Perna, G.R. Schirò, G. Noia, C. Fumo and F.C. Tamburrelli. Residual mobility after removal of instrumentation in patient, with type A2-A3 vertebral fractures, treated with percutaneous pedicle screw fixation	133
F.C. Tamburrelli, A. Perna, M.C. Meluzio and U. Albisinni. A thoracic pain of difficult diagnosis. Unusual localization of osteoid osteoma	141
R. Aicale, D. Tarantino, G. Oliviero, G. Maccauro, G.M. Peretti and N. Maffulli. O'Nil Antevera® mini-plate for stable hip fracture: first experience considerations and outcomes	147
P.E. Ferrara, S. Salini, E. Amabile, C. Nigito, G. Ferriero, G. Maccauro and G. Ronconi. Functional outcome and multidimensional evaluation of patients with MUTARS® reconstructions post lower limb tumor resection and rehabilitation: preliminary results	155
P.E. Ferrara, L. Maggi, C. Foti, G. Maccauro and G. Ronconi. Evaluation of quality of life and static balance in postmenopausal osteoporosis women after Tai Chi Chuan practice: an observational randomized case control study	163
D.A. Santagada, M.C. Meluzio, L. Piccone, G. Ciolli, V. Cipolloni, C. Pripp, F.C. Tamburrelli and E. Pola. Onset of rhabdomyolysis and acute renal failure after minimally invasive surgery for traumatic spine fracture: a case report	171
L. Cipollaro, R. Aicale, G. Maccauro and N. Maffulli. Single- versus double-integrated screws in intramedullary nailing systems for surgical management of extracapsular hip fractures in the elderly: a systematic review	175
F. De Maio, A. Caterini, M. Marsiolo and P. Farsetti. Pubic osteolysis simulating a malignant lesion. A case report with long-term follow-up	183
S. Vasta, B. Zampogna, B. Uribe-Echevarria Marbach, Y. Gao, A. Grasso, R. Papalia and A. Amendola. Correlation of pre-operative planning to surgical correction of opening wedge HTO: a radiographic study utilizing a manual measurement method	187
B. Zampogna, S. Vasta, A. Grasso, R. Papalia, A. Amendola, Fellow of the Royal College of Surgeons, Canada, Diploma and American Board of Orthopedic Surgeons. Talar exostosis (epiphyseal dysplasia): case report of posterior arthroscopic excision	195
A. Castelli, E. Ferranti Calderoni, G. Galanzino, A. Fioruzzi, E. Jannelli, D. Antonucci, G. Zanon and F. Benazzo. Acute treatment of medial collateral ligament tears: short to mid-term results	203