

- Airaksinen N, Nurmi-Lüthje I, Lüthje P. 2016. Comparison of injury severity between moped and motorcycle crashes: A finnish two-year prospective hospital-based study. *Scandinavian Journal of Surgery*. 105(1):49-55. <https://doi.org/10.1177/1457496915571401>
- Baino F, Barberi J, Fiume E, Orlygsson G, Massera J, Verné E. 2019. Robocasting of Bioactive $\text{SiO}_2\text{-P}_2\text{O}_5\text{-CaO-MgO-Na}_2\text{O-K}_2\text{O}$ Glass Scaffolds. *Journal of Healthcare Engineering*. 2019. <https://doi.org/10.1155/2019/5153136>
- Barfod KW, Nielsen F, Helander KN, Mattila VM, Tingby O, Boesen A, Troelsen A. 2013. Treatment of acute achilles tendon rupture in scandinavia does not adhere to evidence-based guidelines: A cross-sectional questionnaire-based study of 138 departments. *JOURNAL OF FOOT AND ANKLE SURGERY*. 52(5):629-633. <https://doi.org/10.1053/j.jfas.2013.04.012>
- Ferrag Y, Black DR, Theunis J, Mordon S. 2012. Superficial wounding model for epidermal barrier repair studies: Comparison of erbium:YAG laser and the suction blister method. *Lasers in Surgery and Medicine*. 44(7):525-532. <https://doi.org/10.1002/lsm.22054>
- Green AL, Arnaud A, Batiller J, Eljamel S, Gauld J, Jones P, Martin D, Mehdorn M, Ohman J, Weyns F. 2015. A multicentre, prospective, randomized, controlled study to evaluate the use of a fibrin sealant as an adjunct to sutured dural repair. *BRITISH JOURNAL OF NEUROSURGERY*. 29(1):11-17. <https://doi.org/10.3109/02688697.2014.948808>
- Hakala T, Kellokumpu-Lehtinen P, Kholová I, Holli K, Huhtala H, Sand J. 2012. Rising incidence of small size papillary thyroid cancers with no change in disease-specific survival in finnish thyroid cancer patients. *Scandinavian Journal of Surgery*. 101(4):301-306.
- Hautalahti J, Joutsen A, Goebeler S, Luukkaala T, Khan J, Hyttinen J, Laurikka J. 2019. Vibration transmittance measures sternotomy stability - a preliminary study in human cadavers. *JOURNAL OF CARDIOTHORACIC SURGERY*. 14(1). <https://doi.org/10.1186/s13019-018-0823-5>
- Hernández Osma E, Mordon SR, Marqa MF, Vokurka J, Trelles MA. 2013. A comparative study of the efficacy of endovenous laser treatment of the incompetent great saphenous under general anesthesia with external air cooling with and without tumescent anesthesia. *DERMATOLOGIC SURGERY*. 39(2):255-262. <https://doi.org/10.1111/dsu.12063>
- Högnäs G, Kivinummi K, Kallio HML, Hieta R, Ruusuvoori P, Koskenalho A, Kesseli J, Tammela TLJ, Riikonen J, Ilvesaro J, Kares S, Hirvikoski PP, Laurila M, Mirtti T, Nykter M, Kujala PM, Visakorpi T, Tolonen T, Bova GS. 2018. Feasibility of Prostate PAXgene Fixation for Molecular Research and Diagnostic Surgical Pathology: Comparison of Matched Fresh Frozen, FFPE, and PFPE Tissues. *American Journal of Surgical Pathology*. 42(1):103-115. <https://doi.org/10.1097/PAS.0000000000000961>
- Kekonen A, Bergelin M, Eriksson J-E, Kaartinen I, Viik J. 2017. Method for Evaluation of Surgical Wound Healing: A Case Study. Eskola H, Väisänen O, Viik J, Hyttinen J, editors. In *EMBEC & NBC 2017: Joint Conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC)*, Tampere, Finland, June 2017. Singapore: Springer. pp. 446-449. (IFBME Proceedings). https://doi.org/10.1007/978-981-10-5122-7_112
- Leclère FM, Schoofs M, Vogt P, Casoli V, Mordon S. 2015. 1950-nm diode laser-assisted microanastomoses (LAMA): an innovative surgical tool for hand surgery emergencies. *LASERS IN MEDICAL SCIENCE*. 30(4):1269-1273. <https://doi.org/10.1007/s10103-015-1711-z>
- Leclère FM, Alcolea JM, Vogt P, Moreno-Moraga J, Mordon S, Casoli V, Trelles MA. 2015. Laser-assisted lipolysis for arm contouring in Teimourian grades I and II: a prospective study of 45 patients. *LASERS IN MEDICAL SCIENCE*. 30(3):1053-1059. <https://doi.org/10.1007/s10103-014-1705-2>
- Leclère FM, Moreno-Moraga J, Alcolea JM, Vogt PM, Royo J, Cornejo P, Casoli V, Mordon S, Trelles MA. 2015. Efficacy and safety of laser therapy on axillary hyperhidrosis after one year follow-up: A randomized blinded controlled trial. *Lasers in Surgery and Medicine*. 47(2):173-179. <https://doi.org/10.1002/lsm.22324>

Leclère FM, Vogt PM, Moreno-Moraga J, Alcolea JM, Casoli V, Mordon SR, Trelles MA. 2015. Laser-assisted lipolysis for neck and submental remodeling in Rohrich type IV patients: Fact or fiction?. *JOURNAL OF COSMETIC AND LASER THERAPY*. 17(1):31-36. <https://doi.org/10.3109/14764172.2014.968581>

Leclère FM, Moreno-Moraga J, Alcolea JM, Casoli V, Mordon SR, Vogt PM, Trelles MA. 2014. Laser assisted lipolysis for neck and submental remodeling in Rohrich type I to III aging neck: A prospective study in 30 patients. *JOURNAL OF COSMETIC AND LASER THERAPY*. 16(6):284-289. <https://doi.org/10.3109/14764172.2014.946053>

Leclère FM, Moreno-Moraga J, Mordon S, Servell P, Unglaub F, Kolb F, Rimareix F, Trelles MA. 2014. Laser-assisted lipolysis for ankle remodelling: A prospective study in 30 patients. *LASERS IN MEDICAL SCIENCE*. 29(1):131-136. <https://doi.org/10.1007/s10103-013-1279-4>

Leclère FM, Alcolea J, Mordon S, Servell P, Kolb F, Unglaub F, Trelles MA. 2013. Long-term outcomes of laser assisted blepharoplasty for ptosis: About 104 procedures in 52 patients. *JOURNAL OF COSMETIC AND LASER THERAPY*. 15(4):193-199. <https://doi.org/10.3109/14764172.2012.758385>

Leclère FMP, Vögelin E, Mordon S, Alcolea J, Urdiales F, Unglaub F, Trelles M. 2012. Nonanimal stabilized hyaluronic acid for tissue augmentation of the dorsal hands: A prospective study on 38 patients. *AESTHETIC PLASTIC SURGERY*. 36(6):1367-1375. <https://doi.org/10.1007/s00266-012-9974-2>

Leclère FMP, Magalon G, Philandrianos C, Unglaub F, Servell P, Mordon S. 2012. Prospective ex-vivo study on thermal effects in human skin phototypes II, IV and VI: A comparison between the 808, 1064, 1210 and 1320-nm diode laser. *JOURNAL OF COSMETIC AND LASER THERAPY*. 14(1):7-13. <https://doi.org/10.3109/14764172.2011.634419>

Leclère FMP, Schoofs M, Auger F, Buys B, Mordon S. 2011. Évaluation du flux sanguin par imagerie en résonance magnétique fonctionnelle après anastomoses artérielles assistées par laser diode 1,9 µm. *Annales de Chirurgie Plastique Esthétique*. 56(6):540-547. <https://doi.org/10.1016/j.anplas.2010.03.001>

Leclère FMP, Trelles M, Mordon SR. 2011. Cartilage reshaping for protruding ears: A prospective long term follow-up of 32 procedures. *Lasers in Surgery and Medicine*. 43(9):875-880. <https://doi.org/10.1002/lsm.21126>

Leclère FMP, Mordon S, Leroy M, Lefebvre C, Schoofs M. 2011. Presentation, microsurgical therapy, and clinical outcomes in three cases of expanding melanonychia of the nail unit in children. *Archives of Orthopaedic and Trauma Surgery*. 131(10):1453-1457. <https://doi.org/10.1007/s00402-011-1288-3>

Leclère FMP, Schoofs M, Mordon S. 2011. Revue historique et orientations futures aux microsutures vasculaires conventionnelles. *Annales de Chirurgie Plastique Esthétique*. 56(3):232-240. <https://doi.org/10.1016/j.anplas.2009.12.009>

Leclère FMP, Schoofs M, Buys B, Mordon SR. 2011. 1.9 µm diode laser assisted vascular microanastomoses: Experience in 40 clinical procedures. *Lasers in Surgery and Medicine*. 43(4):293-297. <https://doi.org/10.1002/lsm.21055>

Leclère FM, Duquennoy-Martinot V, Schoofs M, Buys B, Mordon S. 2011. Trente ans de microanastomoses vasculaires assistées par laser des perspectives cliniques?. *NEUROCHIRURGIE*. 57(1):1-8. <https://doi.org/10.1016/j.neuchi.2010.08.002>

Leclère FMP, Trelles M, Moreno-Moraga J, Servell P, Unglaub F, Mordon SR. 2012. 980-nm laser lipolysis (LAL): About 674 procedures in 359 patients. *JOURNAL OF COSMETIC AND LASER THERAPY*. 14(2):67-73. <https://doi.org/10.3109/14764172.2012.670704>

Leroy HA, Vermandel M, Lejeune JP, Mordon S, Reyns N. 2015. Fluorescence guided resection and glioblastoma in 2015: A review. *Lasers in Surgery and Medicine*. 47(5):441-451. <https://doi.org/10.1002/lsm.22359>

Linnanmäki L, Göransson H, Havulinna J, Sippola P, Karjalainen T, Leppänen OV. 2018. Gap Formation During Cyclic Testing of Flexor Tendon Repair. *Journal of Hand Surgery*. 43(6):570.e1-570.e8. <https://doi.org/10.1016/j.jhssa.2017.12.005>

Marinho P, Thines L, Verscheure L, Mordon S, Lejeune JP, Vermandel M. 2012. Recent advances in cerebrovascular simulation and neuronavigation for the optimization of intracranial aneurysm clipping. *COMPUTER AIDED SURGERY*. 17(2):47-55. <https://doi.org/10.3109/10929088.2011.653403>

Marqa MF, Mordon S. 2014. Laser fractional photothermolysis of the skin: Numerical simulation of microthermal zones. *JOURNAL OF COSMETIC AND LASER THERAPY*. 16(2):57-65. <https://doi.org/10.3109/14764172.2013.854642>

Marqa MF, Mordon S, Hernández-Osma E, Trelles M, Betrouni N. 2013. Numerical simulation of endovenous laser treatment of the incompetent great saphenous vein with external air cooling. *LASERS IN MEDICAL SCIENCE*. 28(3):833-844. <https://doi.org/10.1007/s10103-012-1141-0>

Marqa MF, Mordon S, Betrouni N. 2012. Laser interstitial thermotherapy of small breast fibroadenomas: Numerical simulations. *Lasers in Surgery and Medicine*. 44(10):832-839. <https://doi.org/10.1002/lsm.22097>

Mattila VM, Weckström M, Leppänen V, Kiuru M, Pihlajamäki H. 2012. Sensitivity of MRI for articular cartilage lesions of the patellae. *Scandinavian Journal of Surgery*. 101(1):56-61.

Mattila VM, Huttunen TT, Sillanpää P, Niemi S, Pihlajamäki H, Kannus P. 2011. Significant change in the surgical treatment of distal radius fractures: A nationwide study between 1998 and 2008 in Finland. *Journal of Trauma - Injury, Infection and Critical Care*. 71(4):939-942. <https://doi.org/10.1097/TA.0b013e3182231af9>

Mattila VM, Sillanpää P, Salo T, Laine HJ, Mäenpää H, Pihlajamäki H. 2011. Orthotic insoles do not prevent physical stress-induced low back pain. *EUROPEAN SPINE JOURNAL*. 20(1):100-104. <https://doi.org/10.1007/s00586-010-1496-5>

Mordon SR, Betrouni N, Trelles MA, Leclère FM. 2014. New treatment options for onychomycosis. *JOURNAL OF COSMETIC AND LASER THERAPY*. 16(6):306-310. <https://doi.org/10.3109/14764172.2014.957213>

Mordon SR, Trelles MA, Leclere FM, Betrouni N. 2014. New treatment techniques for axillary hyperhidrosis. *JOURNAL OF COSMETIC AND LASER THERAPY*. 16(5):230-235. <https://doi.org/10.3109/14764172.2014.948883>

Mordon S, Martínez-Carpio PA, Vélez M, Alves R, Trelles MA. 2012. Terapia fotodinámica (PDT) en piel y estética: Procedimiento, materiales y método en base a nuestra experiencia. *Cirugia Plastica Ibero-Latinoamericana*. 38(3):287-295. <https://doi.org/10.4321/S0376-78922012000300012>

Mordon S, Trelles MA. 2011. Ventajas de la cicatrización cutánea asistida por láser (LASH). *Cirugia Plastica Ibero-Latinoamericana*. 37(4):387-392. <https://doi.org/10.4321/S0376-78922011000400012>

Moreno-Moraga J, Trelles MA, Mordon S, Unglaub F, Bravo E, De La Torre JR, Sanz I, Servell P, Betrouni N, Leclere FM. 2012. Laser-assisted lipolysis for knee remodelling: A prospective study in 30 patients. *JOURNAL OF COSMETIC AND LASER THERAPY*. 14(2):59-66. <https://doi.org/10.3109/14764172.2012.670248>

Munck C, Mordon SR, Scherpereel A, Porte H, Dhalluin X, Betrouni N. 2015. Intrapleural photodynamic therapy for mesothelioma: What place and which future?. *Annals of Thoracic Surgery*. 99(6):2237-2245. <https://doi.org/10.1016/j.athoracsur.2014.12.077>

Neff A, Chossegros C, Blanc JL, Champsaur P, Cheynet F, Devauchelle B, Eckelt U, Ferri J, Gabrielli MFR, Guyot L, Koppel DA, Meyer C, Müller B, Peltomäki T, Spallaccia F, Varoquaux A, Wilk A, Pitak-Arnop P. 2014. Position paper from the IBRA Symposium on Surgery of the Head - The 2nd International Symposium for Condylar Fracture Osteosynthesis, Marseille, France 2012. *Journal of Cranio-Maxillofacial Surgery*. 42(7):1234-1249.

<https://doi.org/10.1016/j.jcms.2014.03.005>

Peltoniemi HH, Salmi A, Miettinen S, Mannerström B, Saariniemi K, Mikkonen R, Kuokkanen H, Herold C. 2013. Stem cell enrichment does not warrant a higher graft survival in lipofilling of the breast: A prospective comparative study. *JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY*. 66(11):1494-1503.
<https://doi.org/10.1016/j.bjps.2013.06.002>

Philandrianos C, Bertrand B, Andrac-Meyer L, Magalon G, Casanova D, Kerfant N, Mordon S. 2015. Treatment of keloid scars with a 1210-nm diode laser in an animal model. *Lasers in Surgery and Medicine*. 47(10):798-806.
<https://doi.org/10.1002/lsm.22428>

Philandrianos C, Gonnelli D, Andrac-Meyer L, Bruno M, Magalon G, Mordon S. 2014. Mise au point d'un modèle animal original de cicatrice chéloïde. *Annales de Chirurgie Plastique Esthétique*. 59(4):246-252.
<https://doi.org/10.1016/j.anplas.2012.05.001>

Philandrianos C, Andrac-Meyer L, Mordon S, Feuerstein JM, Sabatier F, Veran J, Magalon G, Casanova D. 2012. Comparison of five dermal substitutes in full-thickness skin wound healing in a porcine model. *BURNS*. 38(6):820-829.
<https://doi.org/10.1016/j.burns.2012.02.008>

Pyysalo MJ, Pyysalo LM, Pessi T, Karhunen PJ, Öhman JE. 2013. The connection between ruptured cerebral aneurysms and odontogenic bacteria. *JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY*. 84(11):1214-1218.
<https://doi.org/10.1136/jnnp-2012-304635>

Pyysalo L, Luostarinen T, Keski-Nisula L, Öhman J. 2013. Long-term excess mortality of patients with treated and untreated unruptured intracranial aneurysms. *JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY*. 84(8):888-892. <https://doi.org/10.1136/jnnp-2012-303073>

Pyysalo LM, Niskakangas TT, Keski-Nisula LH, Kähärä VJ, Öhman JE. 2011. Long term outcome after subarachnoid haemorrhage of unknown aetiology. *JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY*. 82(11):1264-1266. <https://doi.org/10.1136/jnnp.2010.239335>

Rantanen T, Kiljander T, Salminen P, Ranta A, Oksala N, Kellokumpu I. 2013. Reflux symptoms and side effects among patients with gastroesophageal reflux disease at baseline, during treatment with PPIs, and after nissen fundoplication. *WORLD JOURNAL OF SURGERY*. 37(6):1291-1296. <https://doi.org/10.1007/s00268-013-1979-8>

Rantanen T, Neuvonen P, Iivonen M, Tomminen T, Oksala N. 2011. The impact of fibrin glue in the prevention of failure after Nissen fundoplication. *Scandinavian Journal of Surgery*. 100(3):181-185.

Rantanen TK, Oksala NK, Honkanen TT, Räsänen JV, Sihvo EI, Mattila JJ, Paimela HM, Paavonen TK, Salo JA. 2011. Proliferative and anti-apoptotic activity of esophageal mucosa in gastroesophageal reflux disease is not affected by fundoplication: A 4-year follow-up study. *European Surgical Research*. 47(1):5-12. <https://doi.org/10.1159/000326948>

Rantanen T, Honkanen T, Paavonen T, Rantanen L, Oksala N. 2011. Altered expression of HSP27 and HSP70 in distal oesophageal mucosa in patients with gastro-oesophageal reflux disease subjected to fundoplication. *EJSO*. 37(2):168-174. <https://doi.org/10.1016/j.ejso.2010.10.013>

Salonen A, Lahdes-Vasama T, Mattila VM, Välipakka J, Pajulo O. 2015. Pitfalls of femoral titanium elastic nailing. *Scandinavian Journal of Surgery*. 104(2):121-126.

Saviauk T, Kiiski JP, Nieminen MK, Tamminen NN, Roine AN, Kumpulainen PS, Hokkinen LJ, Karjalainen MT, Vuento RE, Aittoniemi JJ, Lehtimäki TJ, Oksala NK. 2018. Electronic Nose in the Detection of Wound Infection Bacteria from Bacterial Cultures: A Proof-of-Principle Study. *European Surgical Research*. 59(1-2):1-11.
<https://doi.org/10.1159/000485461>

Sibolt G, Curtze S, Melkas S, Putaala J, Pohjasvaara T, Kaste M, Karhunen PJ, Oksala NKJ, Erkinjuntti T. 2013. Poststroke dementia is associated with recurrent ischaemic stroke. *JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY*. 84(7):722-726. <https://doi.org/10.1136/jnnp-2012-304084>

Sillanpää PJ, Kannus P, Niemi ST, Rolf C, Felländer-Tsai L, Mattila VM. 2014. Incidence of knee dislocation and concomitant vascular injury requiring surgery: A nationwide study. *JOURNAL OF TRAUMA AND ACUTE CARE SURGERY*. 76(3):715-719. <https://doi.org/10.1097/TA.0000000000000136>

Sillanpää PJ, Mattila VM, Visuri T, Mäenpää H, Pihlajamäki H. 2011. Patellofemoral osteoarthritis in patients with operative treatment for patellar dislocation: A magnetic resonance-based analysis. *KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY*. 19(2):230-235. <https://doi.org/10.1007/s00167-010-1285-z>

Silvola J, Kivekäs I, Poe DS. 2014. Balloon dilation of the cartilaginous portion of the Eustachian tube. *OTOLARYNGOLOGY: HEAD AND NECK SURGERY*. 151(1):125-130. <https://doi.org/10.1177/0194599814529538>

Staudt CB, Gnoinski WM, Peltomäki T. 2013. Upper airway changes in Pierre Robin sequence from childhood to adulthood. *ORTHODONTICS AND CRANIOFACIAL RESEARCH*. 16(4):202-213. <https://doi.org/10.1111/ocr.12019>

Stokbroekx T, De Boer A, Verdaasdonk RM, Vuylsteke ME, Mordon SR. 2014. Commonly used fiber tips in endovenous laser ablation (EVLA): An analysis of technical differences. *LASERS IN MEDICAL SCIENCE*. 29(2):501-507. <https://doi.org/10.1007/s10103-013-1475-2>

Sutinen M, Kontunen A, Karjalainen M, Kiiski J, Hannus J, Tolonen T, Roine A, Oksala N. 2019. Identification of breast tumors from diathermy smoke by differential ion mobility spectrometry. *European Journal of Surgical Oncology*. 45(2):141-146. <https://doi.org/10.1016/j.ejso.2018.09.005>

Taanila HP, Suni JH, Pihlajamäki HK, Mattila VM, Ohrankämnen O, Vuorinen P, Parkkari JP. 2012. Predictors of low back pain in physically active conscripts with special emphasis on muscular fitness. *SPINE JOURNAL*. 12(9):737-748. <https://doi.org/10.1016/j.spinee.2012.01.006>

Vakhitov D, Suominen V, Korhonen J, Oksala N, Salenius JP. 2014. Independent factors predicting early lower limb intra-arterial thrombolysis failure. *ANNALS OF VASCULAR SURGERY*. 28(1):164-169. <https://doi.org/10.1016/j.avsg.2012.11.016>

Verscheure L, Peyrodie L, Dewalle AS, Reyns N, Betrouni N, Mordon S, Vermandel M. 2013. Three-dimensional skeletonization and symbolic description in vascular imaging: Preliminary results. *INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY*. 8(2):233-246. <https://doi.org/10.1007/s11548-012-0784-4>

Vuola J, Öhman J, Mäkitie AA. 2011. Microvascular free flap reconstruction of skull base penetrating tumors. *JOURNAL OF RECONSTRUCTIVE MICROSURGERY*. 27(5):313-319. <https://doi.org/10.1055/s-0031-1278715>

Vuylsteke ME, Thomis S, Mahieu P, Mordon S, Fourneau I. 2012. Endovenous laser ablation of the great saphenous vein using a bare fibre versus a tulip fibre: A randomised clinical trial. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*. 44(6):587-592. <https://doi.org/10.1016/j.ejvs.2012.09.003>

Vuylsteke ME, Mordon SR. 2012. Endovenous laser ablation: A review of mechanisms of action. *ANNALS OF VASCULAR SURGERY*. 26(3):424-433. <https://doi.org/10.1016/j.avsg.2011.05.037>

Vuylsteke ME, Martinelli T, Van Dorpe J, Roelens J, Mordon S, Fourneau I. 2011. Endovenous laser ablation: The role of intraluminal blood. *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*. 42(1):120-126.