

OMICS Journals are welcoming Submissions

OMICS Group welcomes submissions that are original and technically so as to serve both the developing world and developed countries in the best possible way.

OMICS Journals are poised in excellence by publishing high quality research. OMICS Group follows an Editorial Manager® System peer review process and boasts of a strong and active editorial board.

Editors and reviewers are experts in their field and provide anonymous, unbiased and detailed reviews of all submissions. The journal gives the options of multiple language translations for all the articles and all archived articles are available in HTML, XML, PDF and audio formats. Also, all the published articles are archived in repositories and indexing services like DOAJ, CAS, Google Scholar, Scientific Commons, Index Copernicus, EBSCO, HINARI and GALE.

For more details please visit our website:

<http://omicsonline.org/Submitmanuscript.php>



: 2167-1222

Trauma & Treatment

Review in 3 weeks

Publishing in 72 hours

Open Access



Maximilian Petri
Department of Trauma
Hannover Medical School
Germany



Clinical Activities

- ▣ Since 07/2007 Resident at the Trauma Department, Hannover Medical School (MHH) (Prof. Dr. C. Krettek, Hannover, Germany)
- ▣ Since 09/2007 Member of the research group „Regenerative Surgery“ (Prof. Dr. M. Jagodzinski)
- ▣ 07/2011-06/2012 Residency rotational year at the Orthopaedic Department, Hannover Medical School (MHH) (Prof. Dr. H. Windhagen, Hannover, Germany)
- ▣ 08/2014-07/2015 Clinical and Research Fellowship Steadman Clinic & Steadman Philippon Research Institute Vail, CO, USA (Peter J. Millett, MD, MSc) founded by AGA-Arthrex



Research Interest

- ▣ Knee joint
- ▣ Shoulder joint
- ▣ Regenerative Joint Surgery
- ▣ Sports Medicine
- ▣ Biomechanics



Research Activities

- several awards and honors, such as 2nd and 3rd Research Award of the AGA Society for Arthroscopy and Joint Surgery in 2013.
- serving as an editorial member of several reputed journals like Journal of Radiology and Diagnostic Imaging, Journal of Osteoporosis and Physical Activity, Journal of Exercise, Sports and Orthopedics, and Journal of Orthopedics and Rheumatology
- expert Reviewer for journals like Tissue Engineering, Open Access Journal of Sports Medicine, Connective Tissue Research, and International Immunology.
- published more than 45 articles in peer-reviewed journals and is a co-author of two books.
- member of the German Trauma Society (DGU) and of the Society for Arthroscopy and Joint Surgery (AGA).



Knee Joint

- ❑ One of the most frequently injured joints in the body.
- ❑ Largest joint in the body and a synovial hinge joint.
- ❑ It mainly flexes and extends, but it does have a rotational component as well.



- Patellofemoral joint- articulation between the patella and the femur.
 - Patella's main job is to increase the mechanical advantage of the quad muscle and protect the knee joint.





Knee Joint

- With a longer moment arm, there is more angular force. With a shorter moment arm, the force would be more directed to the joint than the tendon.





Knee Joint

- ▣ Q-angle- angle between the quadriceps muscle and patellar tendon. It ranges from 13-18 degrees in normal individual in knee extension. It is greater in females. Due to our wider pelvis.
- ▣ Lets graph our q-angles.



Journal of Trauma and Treatment Related Journals

- ▣ Journal of Neurology & Neurophysiology
- ▣ Brain Disorders & Therapy



Related Conferences

- ▣ 4th International conference & Exhibition on Neurology and Therapeutics, July 27-29, 2015
Naples, Italy