

4th International Conference on
**Sports Medicine-Fitness
and Physiotherapy**

November 16-17, 2023 | Paris, France

Volume: 14

Posterior Sacroiliac Joints Ligament and Potential Outcomes For the Clinician

Sergio Marcucci

A T Still University, Luxembourg

Background: The sacroiliac joint (SIJ) is structured by articular surfaces between the sacral and the iliac bones. The SIJ embraces different functions because it connects the spine with the pelvis, which permits the soaking up of vertical forces from the spine and, thus, transferring vertical forces to the pelvis and lower extremities. The first goal of the SIJ is to preserve stability that is partly done by the muscles surrounding the SIJ and realized by various procedures, encompassing a large complex of ligaments connected to the SIJ. The range of motion of the SIJ is evaluated to be around 2 to 4 degrees. 35 muscles attached to the sacrum bone or innominate work together in synergy with the fascia and ligaments to move and ensure the stability of the trunk and lower extremities.

Biography

Dr. Sergio Marcucci has completed his DHS with concentration in Global Health at the A. T. Still University, College of Graduate Health Studies, Mesa, USA. He received his MSc from A. T. Still University of Kirksville USA, and his D.O. from Sutherland College of Osteopathic Medicine, Belgium. He is practicing osteopathic medicine for 19 years. He had 20 oral presentations and one poster presentation. He has published 11 papers in reputed journals and has been serving as a reviewer board member of three reputed journals.