

# Download Biomechanics Of The Hand A Basic Research Study

Biomechanics is the study of the structure, function and motion of the mechanical aspects of biological systems, at any level from whole organisms to organs, cells and cell organelles, using the methods of mechanics. Biomechanics is the science of movement of a living body, including how muscles, bones, tendons, and ligaments work together to produce movement. Biomechanics is part of the larger field of kinesiology, specifically focusing on the mechanics of movement. It is both a basic and applied science, encompassing research and practical use of its findings. Basic movement patterns are exercises grouped by the biomechanical demands of the human body. Now, like in exercise and dieting fields, there is much debate about what these basic movements ...

Gait and Posture 7 (1998) 77–95 Review Paper The biomechanics of running Tom F. Novacheck Motion Analysis Laboratory, Gillette Children's Specialty Healthcare, University of Minnesota, 200E. University Ave., St. Paul, MN 55101, USA Received 25 August 1997; accepted 22 September 1997