Biomechanics of human movement and its clinical

Applications

By Tung-Wu Lu, Chu-Fen Chang

Application of human motion analysis:

Human motion analysis has become a useful investigative and diagnostic tool in many research and clinical areas, such as medicine, ergonomics and sports, to name but a few.

It also has seen many application on assistive technology as prosthetics and orthotics, where accurate evaluation of critical joint motion characteristics can be obtained from human motions measurements.

It is also used in to identify mechanisms of common sports injuries and the accompanied posture-related problems.

Conclusion:

Contains answer to the researchquestion

Human motion recordings are used in various cases. For diagnostics, evaluation of musculoskeletal conditions, to help with subsequent treatment planning.

It can be used to improve athletic performance and help identify posture and movement related problems.

It can further be used for treatment planning and to monitor the efficiency of treatments

-clavicula fractures