

題號： 161

國立臺灣大學 104 學年度碩士班招生考試試題

科目：肌動及生物力學

節次： 4

題號： 161

共 / 頁之第 / 頁

1. Please describe functions of the foot and changes in foot motion during a gait cycle. (20%)
2. Please identify functions and importance of the rotator cuff muscle. (25%)
3. Please define and use **elbow flexion** as example to explain the following terms.
 - (1) Concentric contraction (5%)
 - (2) Eccentric contraction (5%)
 - (3) Agonist (5%)
 - (4) Antagonist (5%)
 - (5) Synergist (5%)
4. Please describe the arthrokinematics of the tibiofemoral joint during
 - (1) Tibial-on-femoral (open-chained) extension (10%)
 - (2) Femoral-on-tibial (closed-chained) extension (10%)
5. Please explain what the “screw-home mechanism” of the knee is. (10%)

試題隨卷繳回