



COURSE DEFINITION Biomechanics of the upper limb	Year: 2 code : A2 - 06
---	---

Head of department :
D.Nari D.O.
Teacher(s) :
J.Brice D.O.
C.Esnault D.O.

ECTS : 5

Hours credit: 60

Distribution
number CM : 60
number TP :
number TD :

Type :
CM

Evaluation:
MCQ
SEMESTER

Language : French
Documentation: NO

Courses objectives :
Three-dimensional visualization of the biomechanics of different bone components followed by a practical application (visual observation, palpation and mobility tests)

Bibliography :
Rouvière H. Anatomie humaine. Masson edition, Netter, Brizon et Castaing, Kapendji, Bouchet et Cuilleret.

Content :

Shoulder area:

- Overview (movements, axial mobility and range of mobility)
- Arthrology (review)
- Articular physiology of the sterno-costo-clavicular, acromioclavicular, glenohumeral, subdeltoid and scapulo-serrato-thoracic joints

Elbow area:

- Overview (movements, axial mobility and range of mobility)
- Arthrology (review)
- Articular physiology of the humeroulnar, humeroradial and superior radioulnar joints.

The wrist:

- Overview (movements, axial mobility and range of mobility)
- Arthrology (review)
- Articular physiology of the radiocarpal and inferior radioulnar joints

The hand:

- Overview (movements, axial mobility and range of mobility)
- Arthrology (review)
- Articular physiology of the carpal, carpometacarpal, metacarpophalangeal and interphalangeal joints