

CONNECTIONS OF THE UPPER AND LOWER EXTREMITY

(*juncturae ossium membra superioris et inferioris*)

Remembrance event for those who donated their bodies to the Department of Anatomy

Monday 11/4/2019 – 6 PM

Augustinian Abbey

Mendlovo náměstí 157/1

603 00 Brno



Articulatio cubiti (elbow joint)

Articulatio composita:

1. Articulatio humeroradialis (articulatio sphaeroidea)

capitulum humeri, fovea capitis radii

2. Articulatio humeroulnaris (articulatio trochlearis)

trochlea humeri, incisura trochlearis ulnae

3. Articulatio radioulnaris proximalis (articulatio trochoidea)

circumferentia articularis capitis radii,
incisura radialis ulnae



Articulatio cubiti

Articulation capsule:

Epicondyles of the humerus EXTRACAPSULAR, foveae of the humerus
INTRACAPSULAR

recessus sacciformis

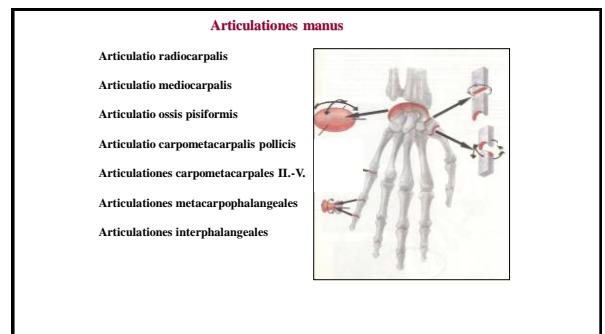
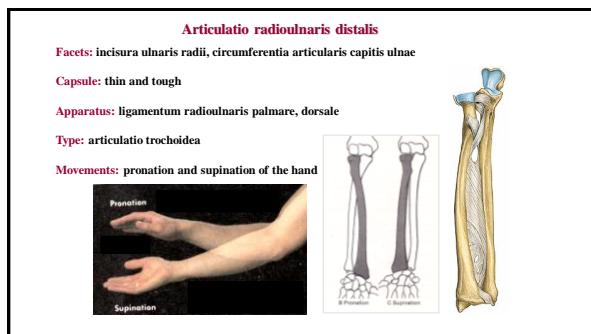
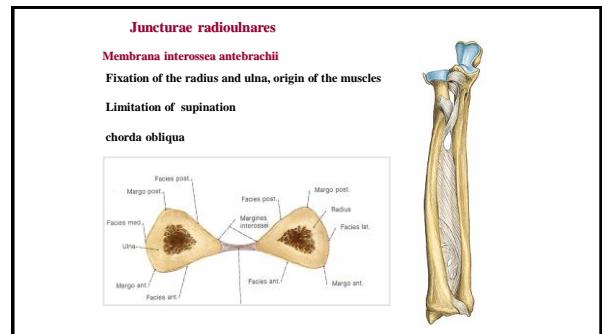
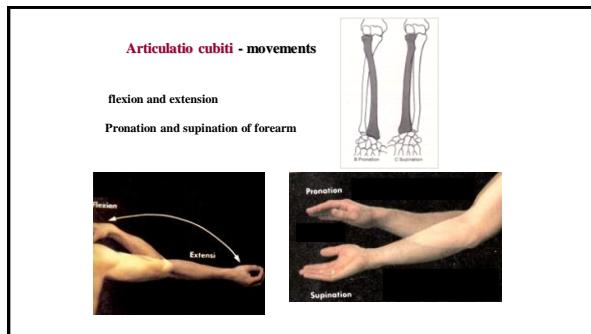
Apparatus:

lig. anulare radii

lig. collaterale radiale

lig. collaterale ulnare





Articulatio radiocarpalis

Facets:
facies articularis carpalis radii, discus articularis
os scaphoideum, os lunatum, os triquetrum (lig. intercarpalia interossea)

Morphologic and functional unit with articulatio mediocarpea

Common with mediocarpal joint:
capsule
apparatus
movements
Type - articulatio elipoidea

Articulatio mediocarpalis

Facets: proximal and distal row of the carpal bones except for os pisiforme

Radial:
head: os scaphoideum
pit: os trapezium, trapezoideum, capitatum

Ulnar:
head: os capitatum, hamatum
pit: os scaphoideum, lunatum, triquetrum

Communication with art. carpometacarpalis II.-V.
(between os trapezium and trapezoideum)

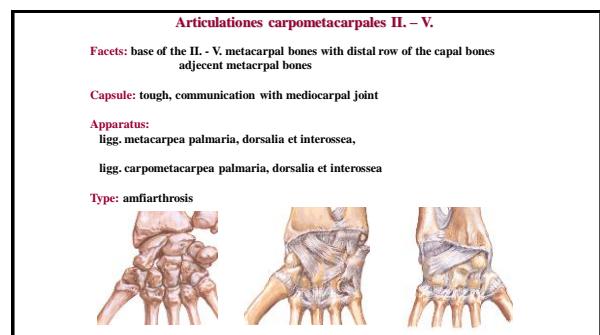
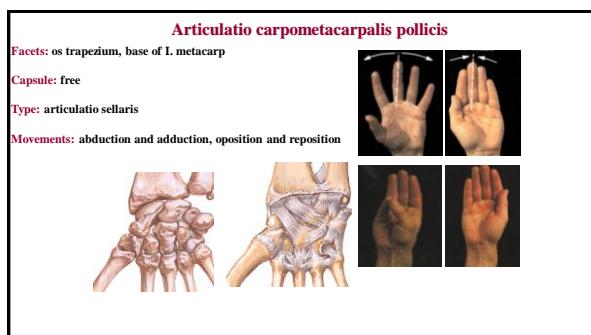
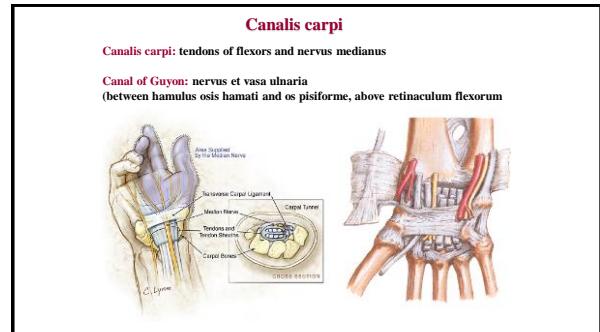
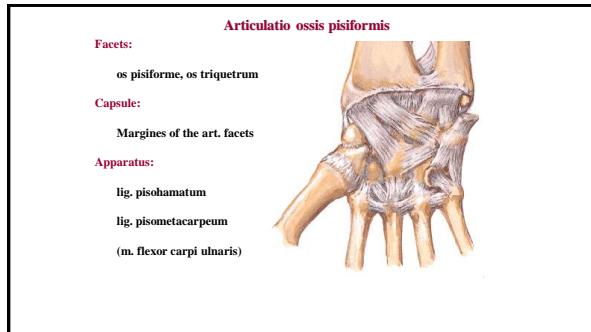
Articulatio mediocarpalis - apparatus

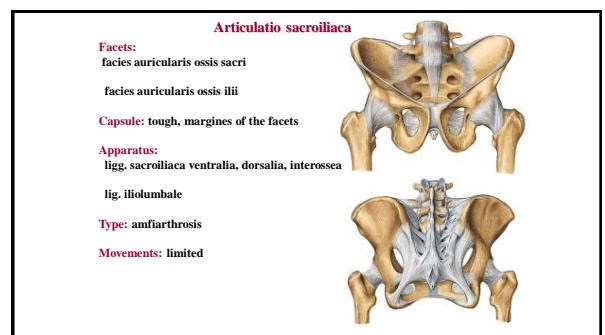
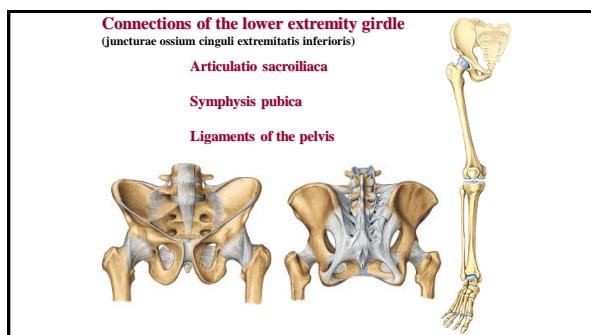
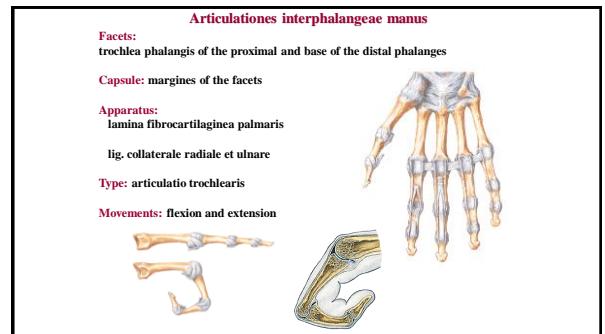
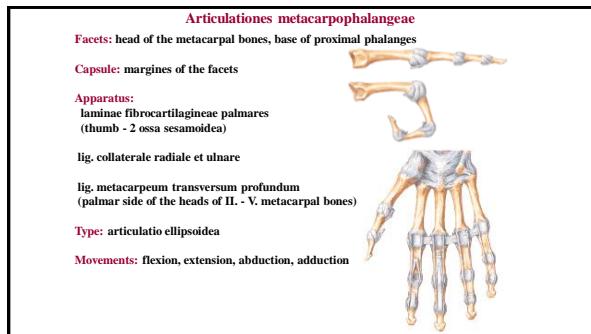
ligg. intercarpaea dorsalia, palmaria et interossea
lig. radiocarpeum dorsale et palmarum
lig. ulnocaerpeum palmarum et dorsale
lig. carpi radiatum

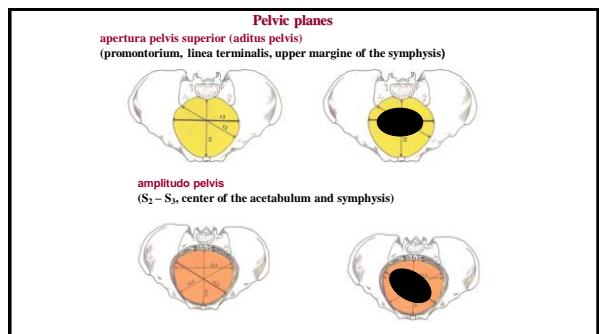
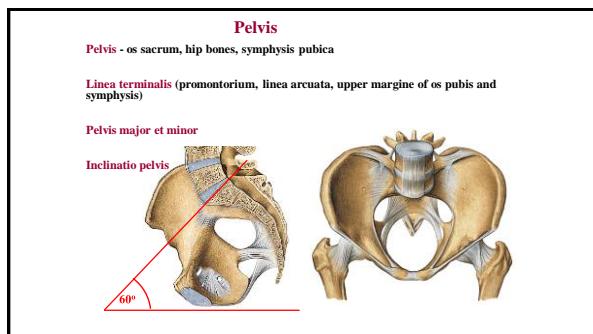
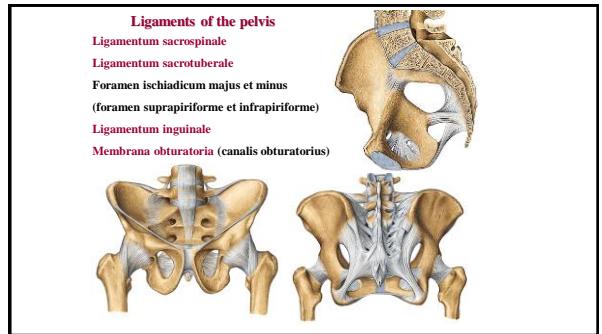
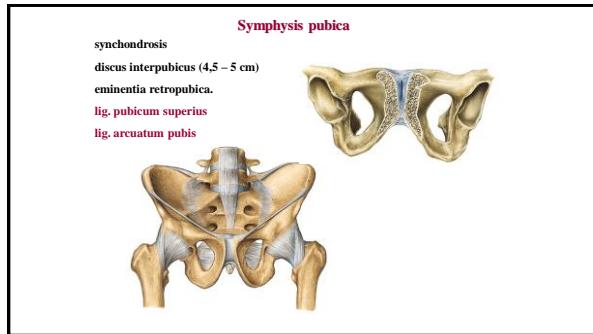
Articulatio mediocarpalis

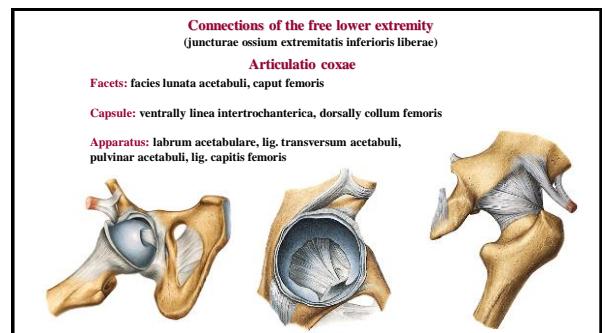
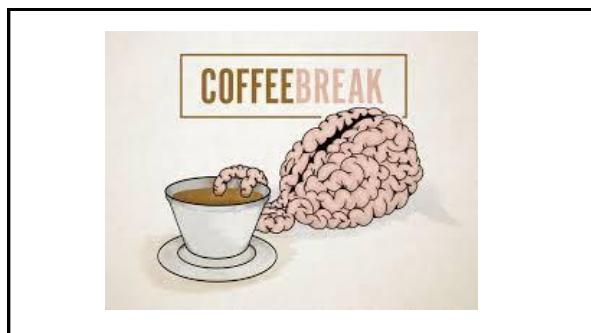
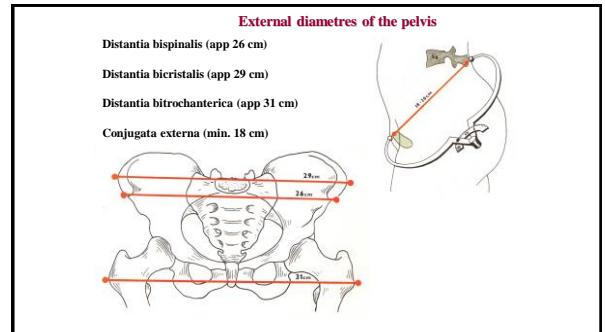
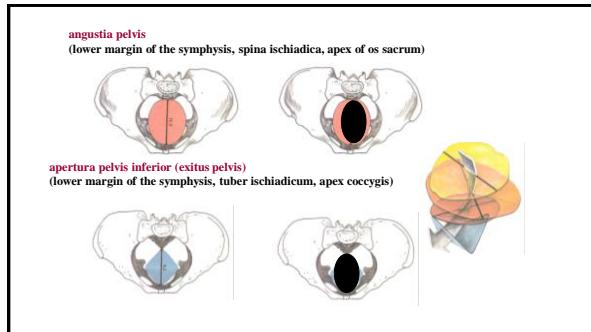
Functional unit with **articulatio radicarpalis** – ellipsoid joint

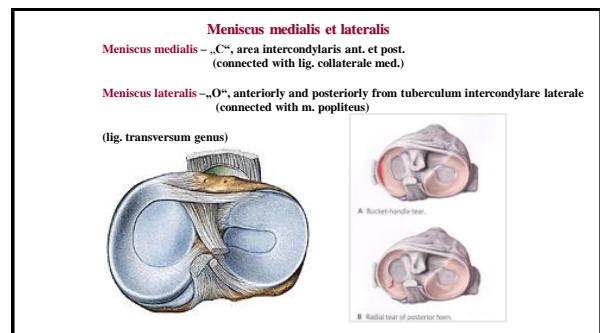
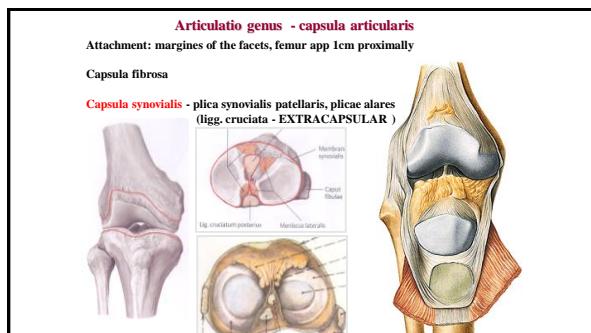
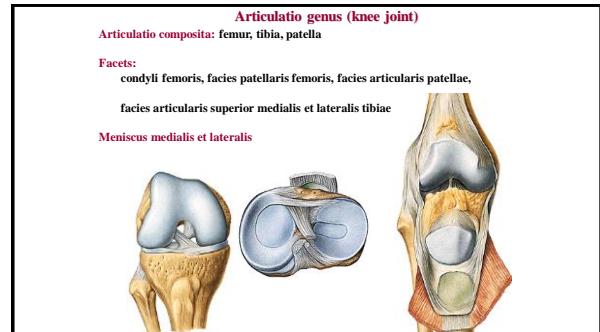
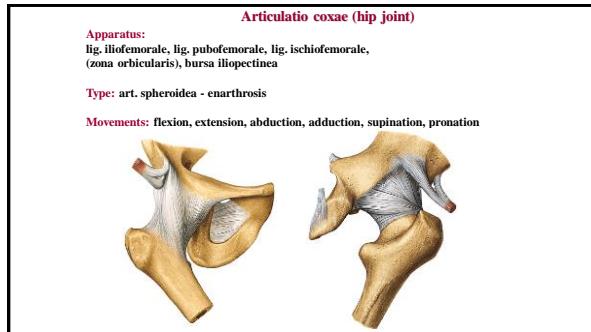
Movements:
palmar and dorsal flexion
radial and ulnar duction
circumduction

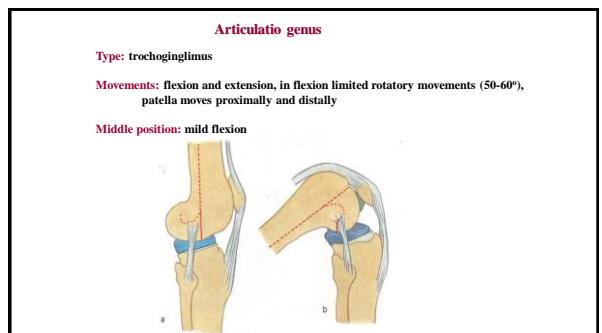
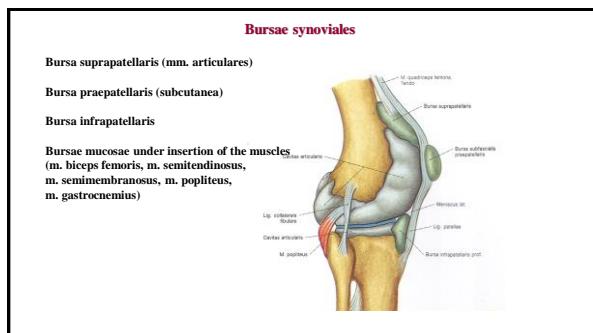
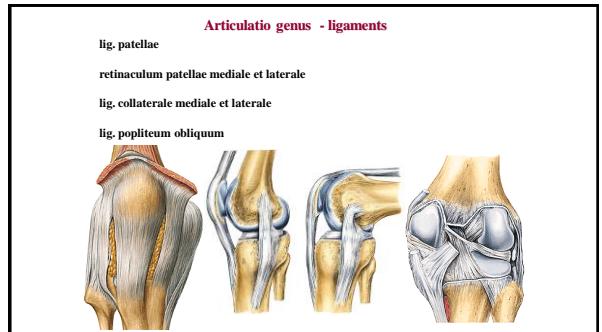
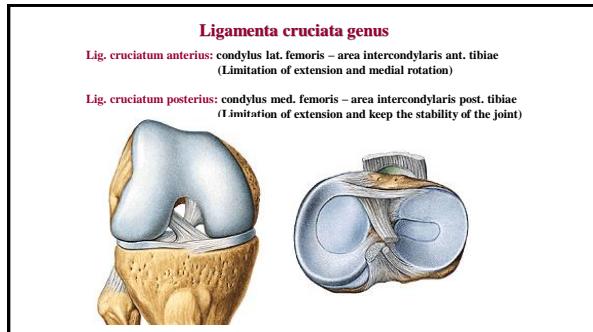


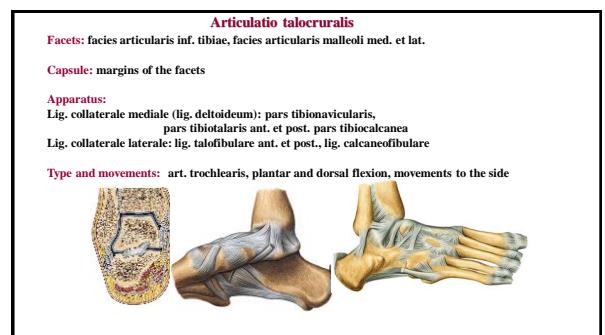
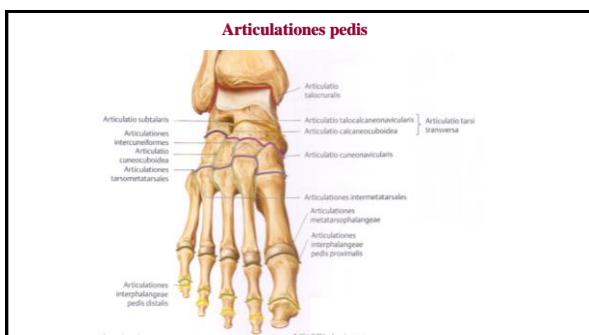
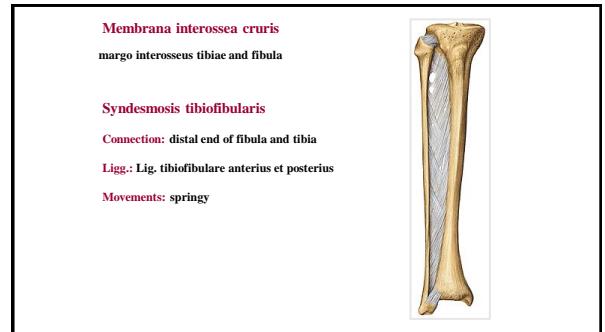
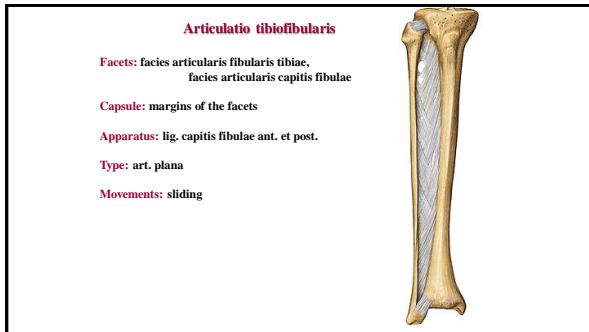


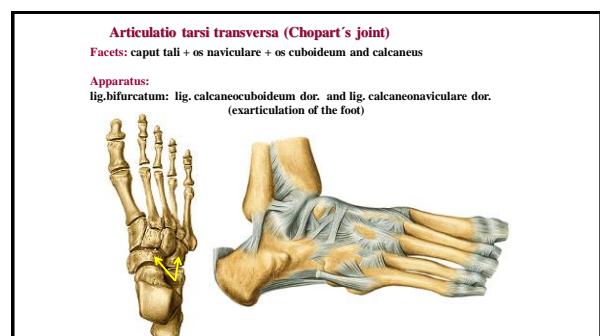
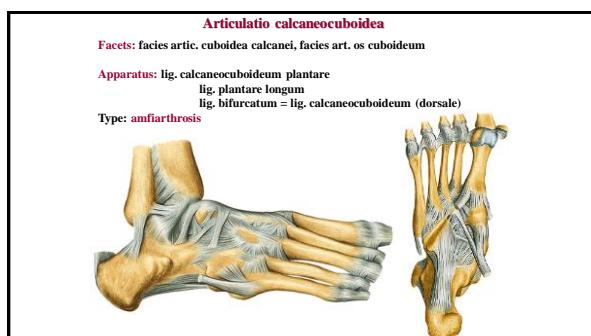
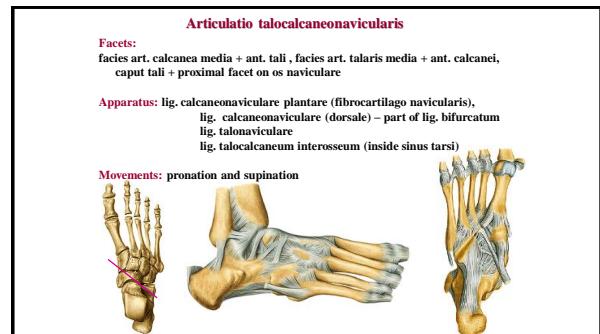
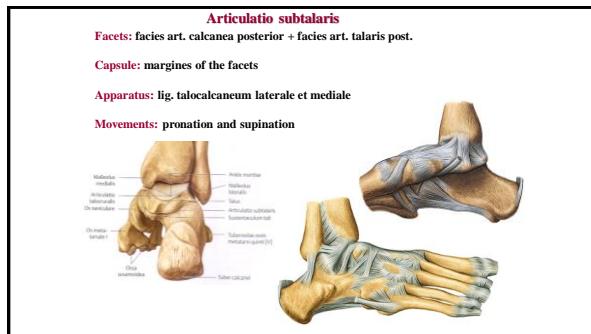


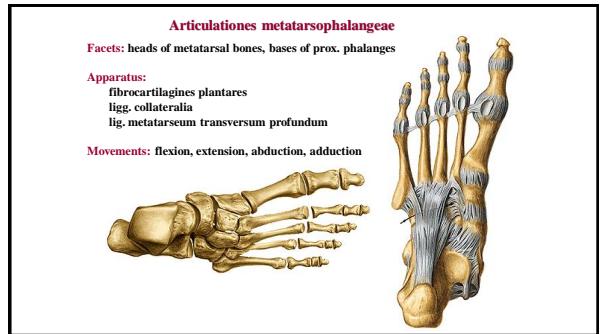
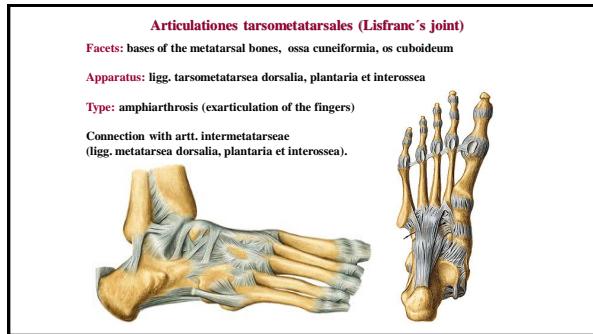
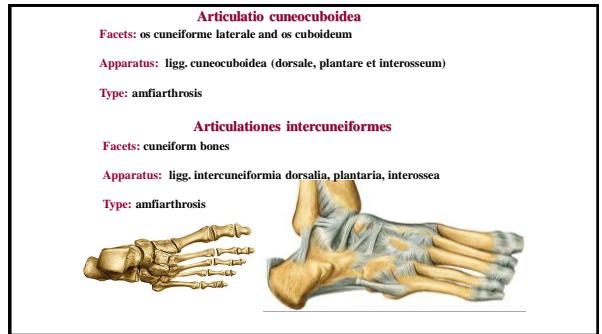
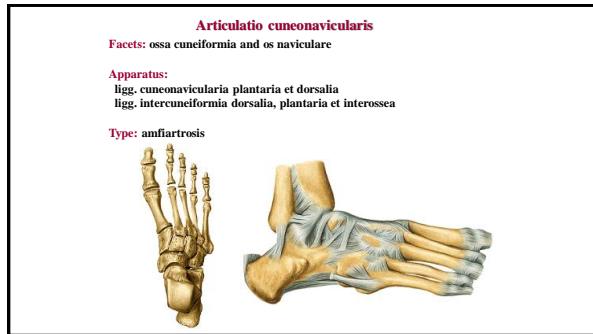


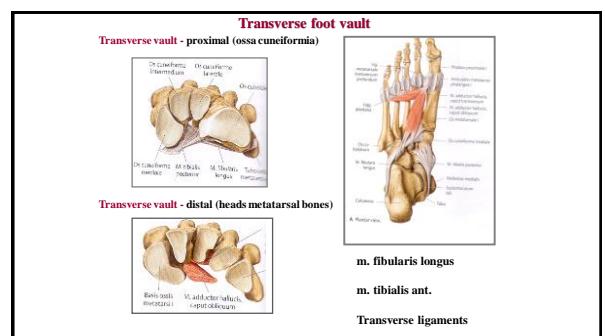
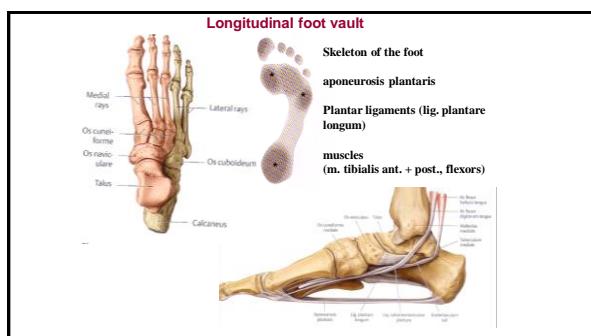
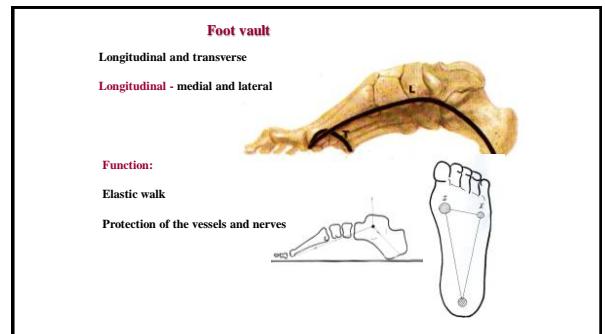
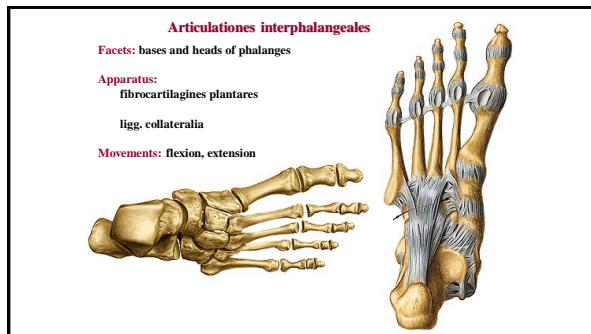












References:

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