



## **Lecture title: Artery supply of the forelimb**

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### **Summary:**

From two common carotid arteries arise from brachiocephalic trunk give off Subclavian artery becomes

1-**axillary artery** . this artery nutrition the thoracic limb around cranial border of first rib on the axillary space gives off

a-**External thoracic** artery divided into cranial & caudal branches nutrition many muscle of this region

b-**supra scapular artery** small branch near the cranial border of subscapular muscle

c-**subscapular artery** large branch near the caudal border of subscapular muscle

d-**thoracodorsal artery** run dorsally to the latissimus dorsi muscle gives off . caudal circumflex humeral artery,

2-**brachial artery** is continuous of axillary artery .

a- **cranial circumflex humeral artery** near the cranial border of the teres major muscle

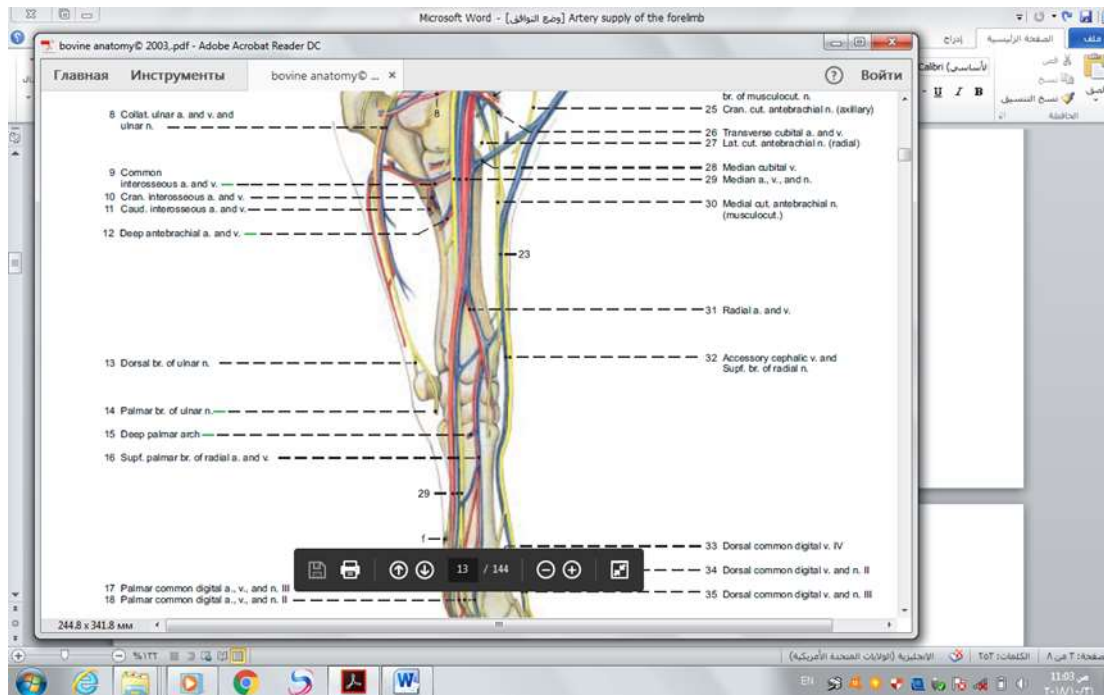
b-**deep brachial artery** near long & medial head of triceps brachialis muscle

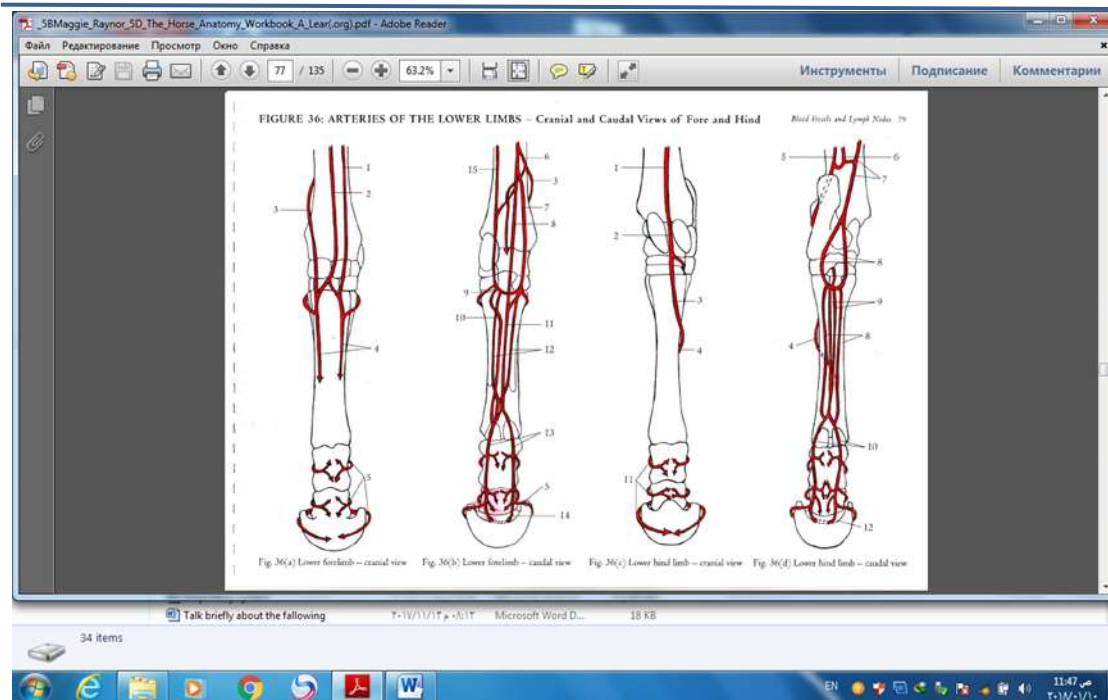
c-**bicipital artery** .nutrition the pectoralis descendens muscle & brachiocephalic muscle

d-**transverse cubital artery** .near the elbow joint

e- **collateral ulnar** a. near the coracobrachialis muscle & this artery gives off nutrient humeral artery & palmar carpal branch

f-**common interosseous** a. near the interosseous space





**3-median artery.** Is the distal continuous of brachial artery give off .

**a-radial artery.**in ruminant leaves the median artery in the middle of forearm

**c-dorsal carpal branch** & dorsal carpal rate net work of delicate vessels

**4-dorsal metacarpal artery** descending in the dorsal longitudinal groove of metacarpal bone

**a-common digit artery** gives off ( dorsal ,palmar) digit branches to the proximal ,middle & distal phalanx anastomosis with other forming

**b-terminal arch** before entering the distal phalanx .