

КОСТНА АРХИТЕКТОНИКА. КОСТНО КРЪВОСНАБДЯВАНЕ И НЕГОВАТА ФУНКЦИЯ

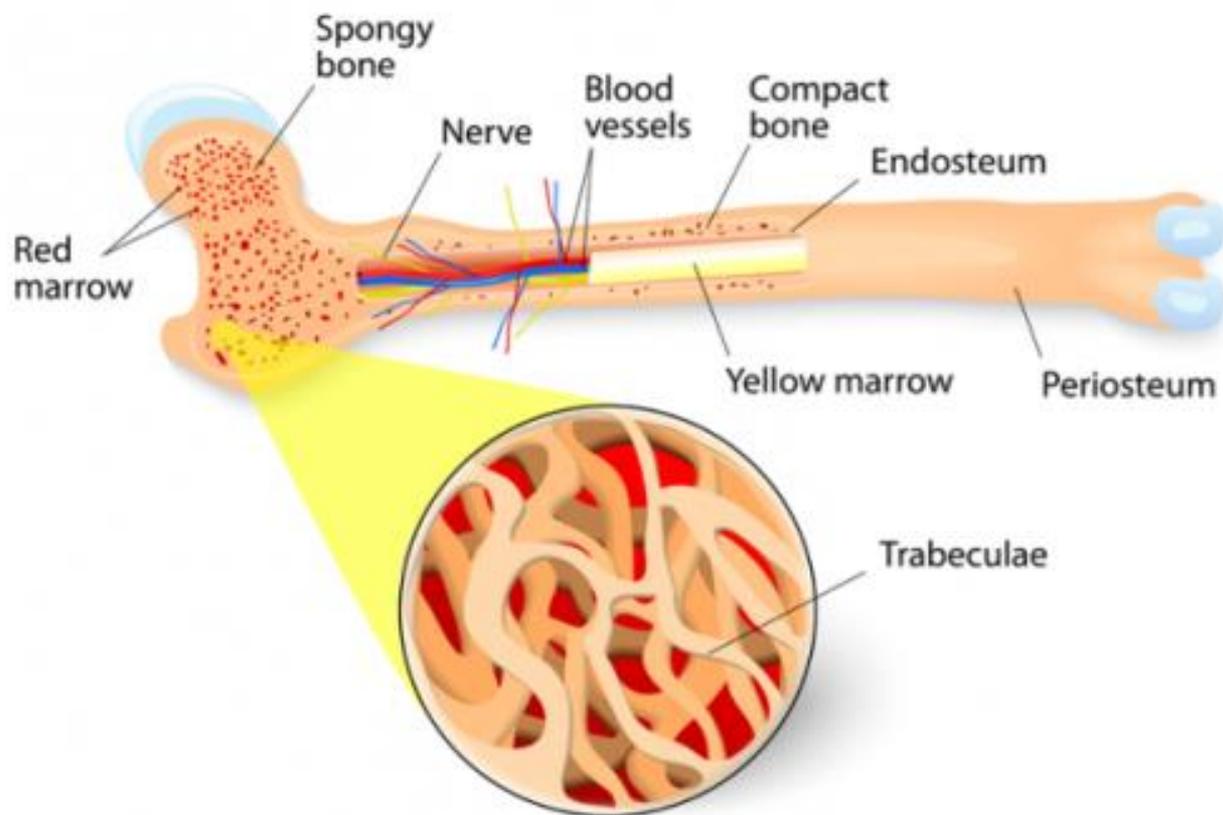


Д-Р ВЛАДИ КИРИЛОВ
КЛИНИКИ „ДОБРО ХРУМВАНЕ!“

BAVOT

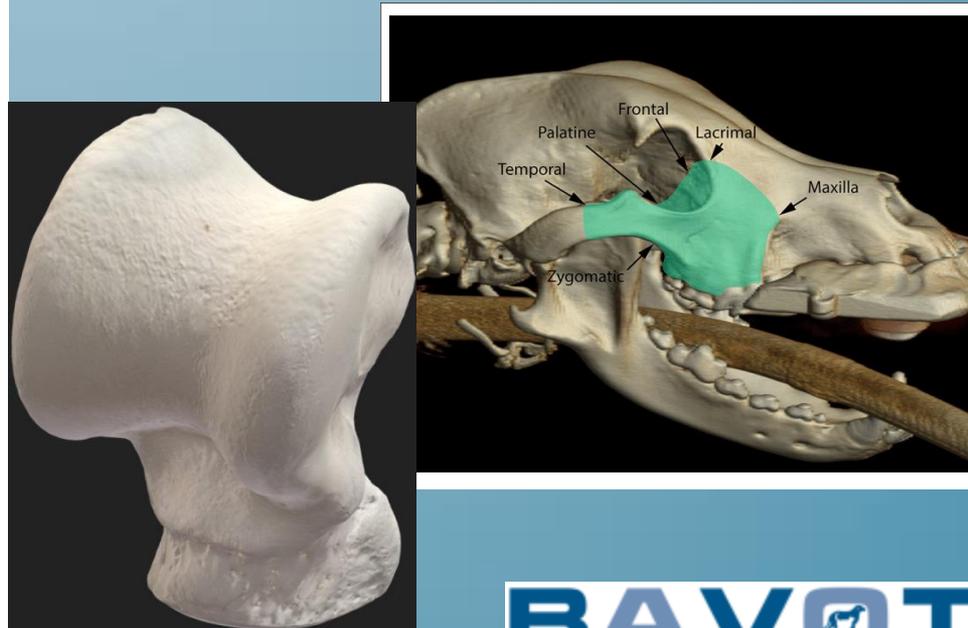
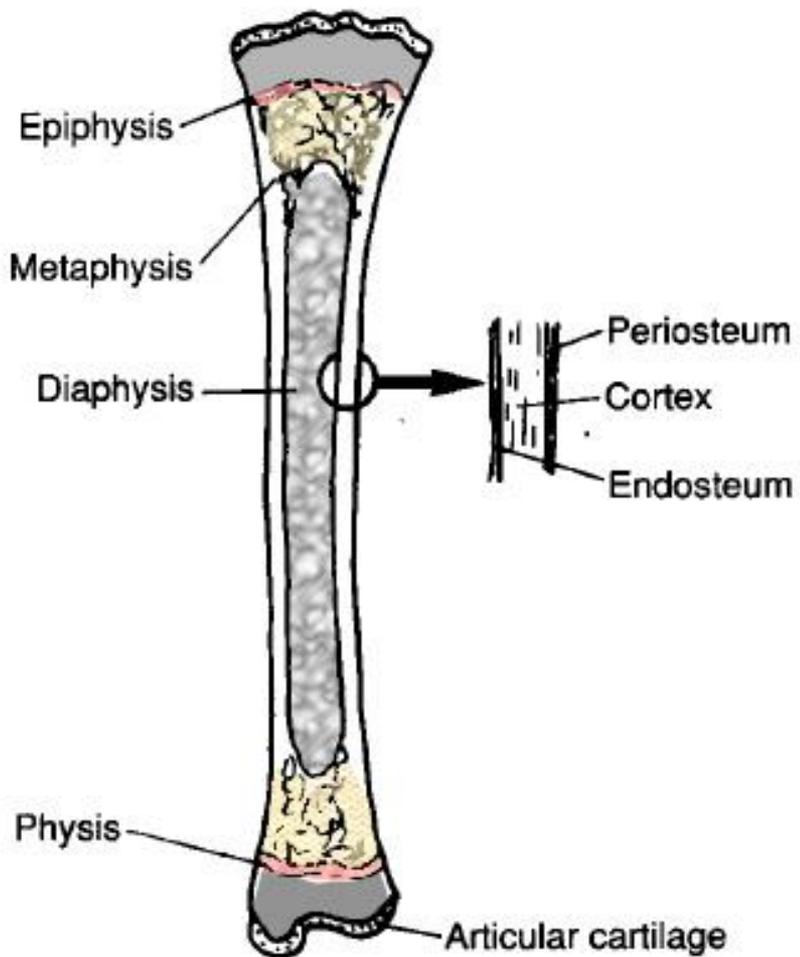
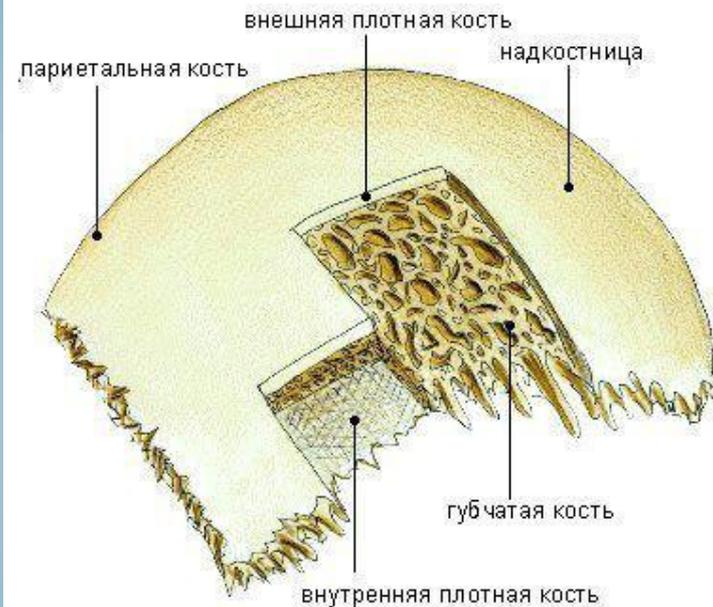
ДВЕ КОСТНИ МАТЕРИИ

BONE ANATOMY

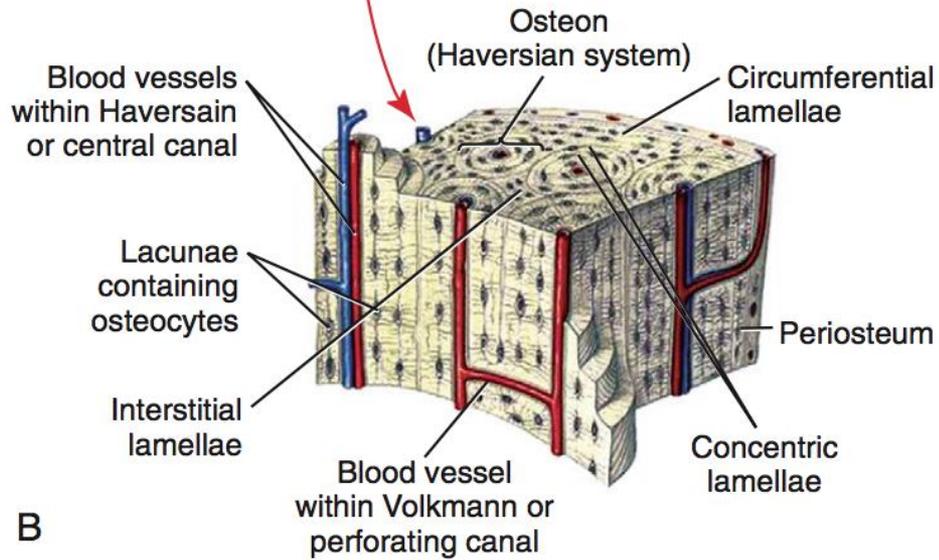
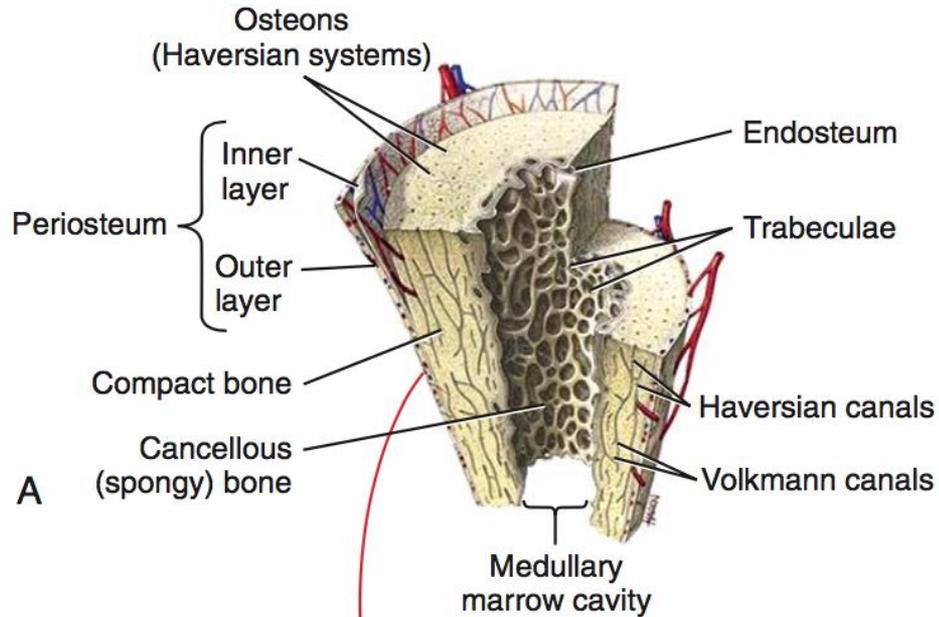


ВИДОВЕ КОСТИ

ПЛОСКИЕ КОСТИ



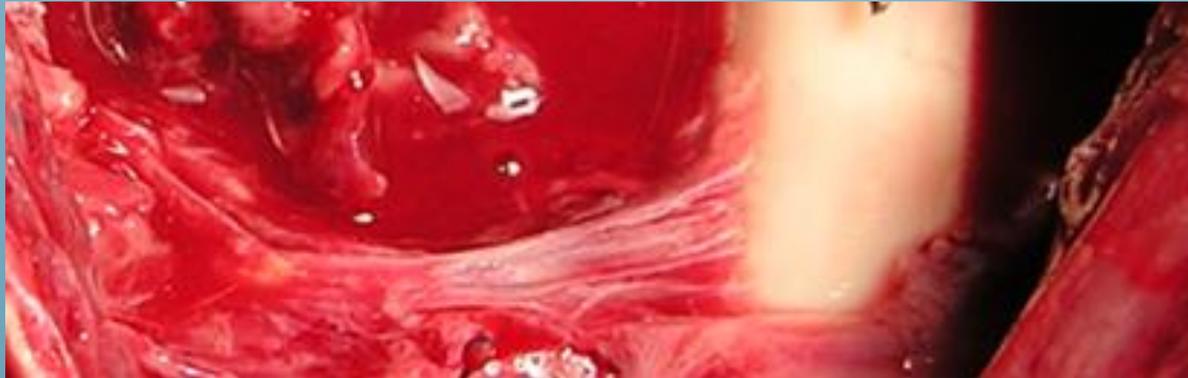
КОСТНА АРХИТЕКТОНИКА



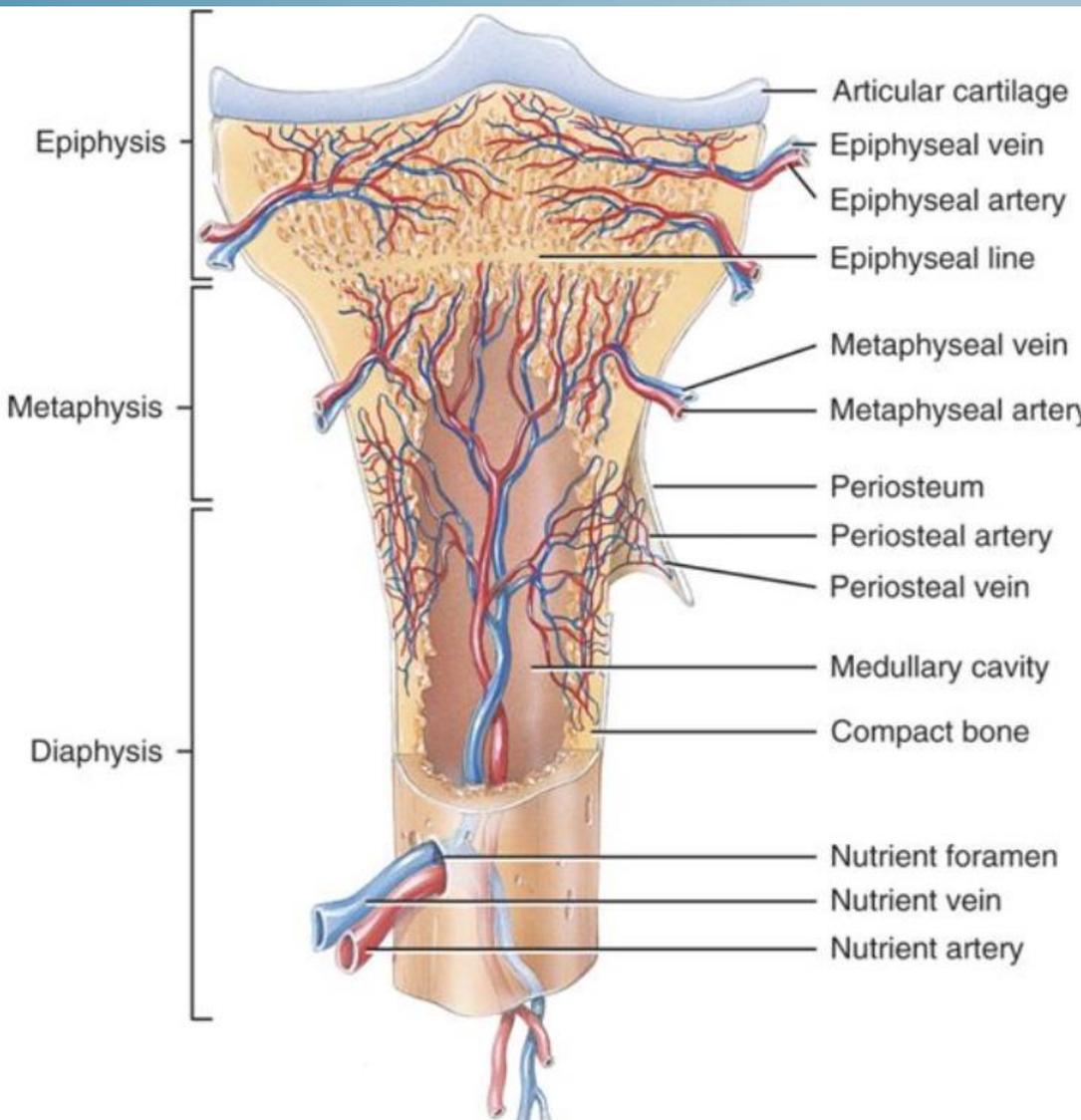
КОСТНО ЗАРАСТВАНЕ

комлексен, строго регулиран процес с последователни фази на възпаление, възстановяване и ремоделиране

ключова роля играе костното кръвоснабдяване



ИНТРАОСАЛНО КРЪВОСНАБДЯВАНЕ НА ЗДРАВА КОСТ



Periosteal supply
points of fascial or
don attachment

Epiphysis
Metaphysis

Periosteal artery

Periosteal
arteries

Cortex below
osseous periosteal
attachment

Ascending
medullary artery

Cortex with
heavy fascial
attachment

Principal
nutrient
artery

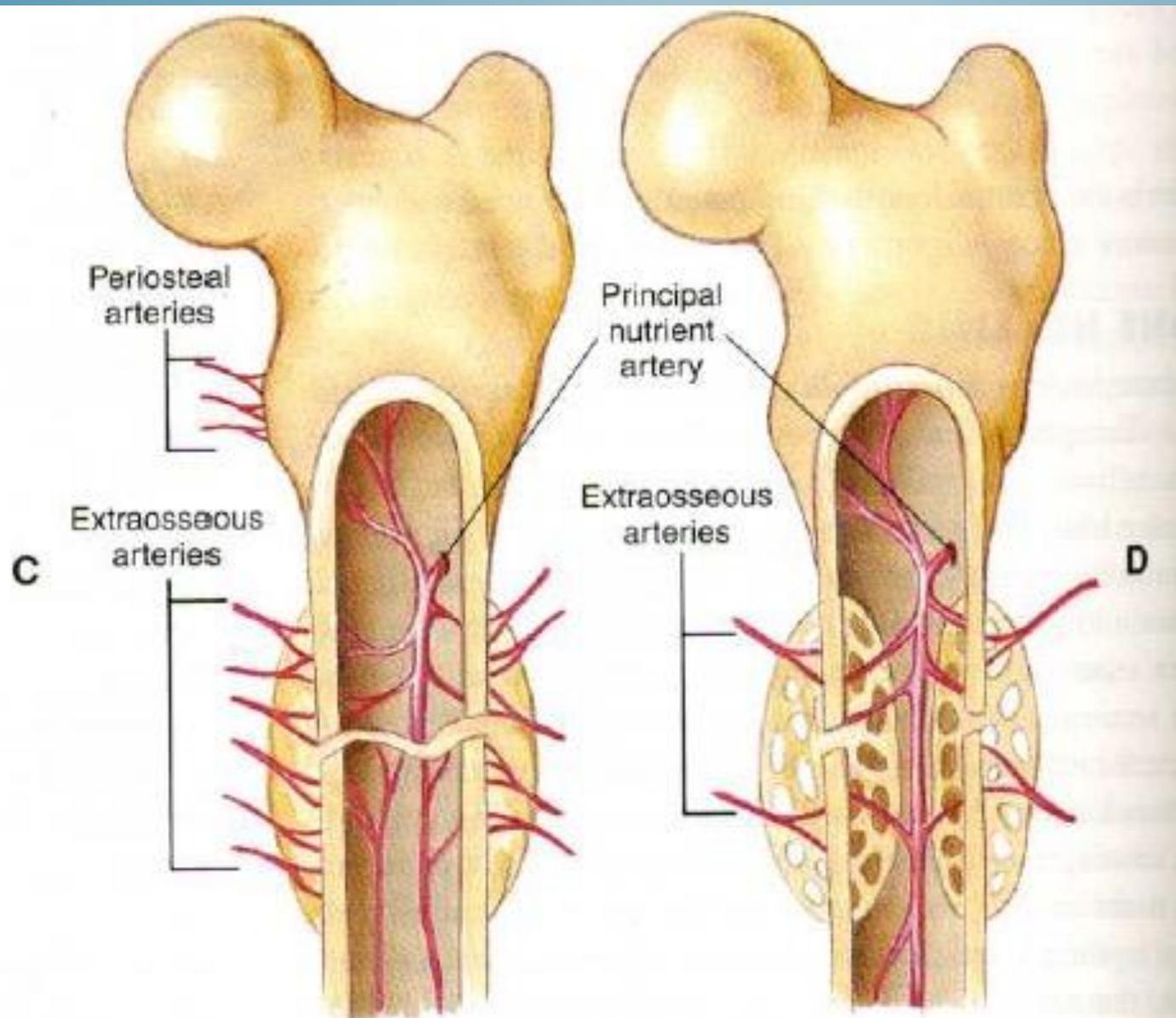
Periosteal
arterioles

Anastomosis

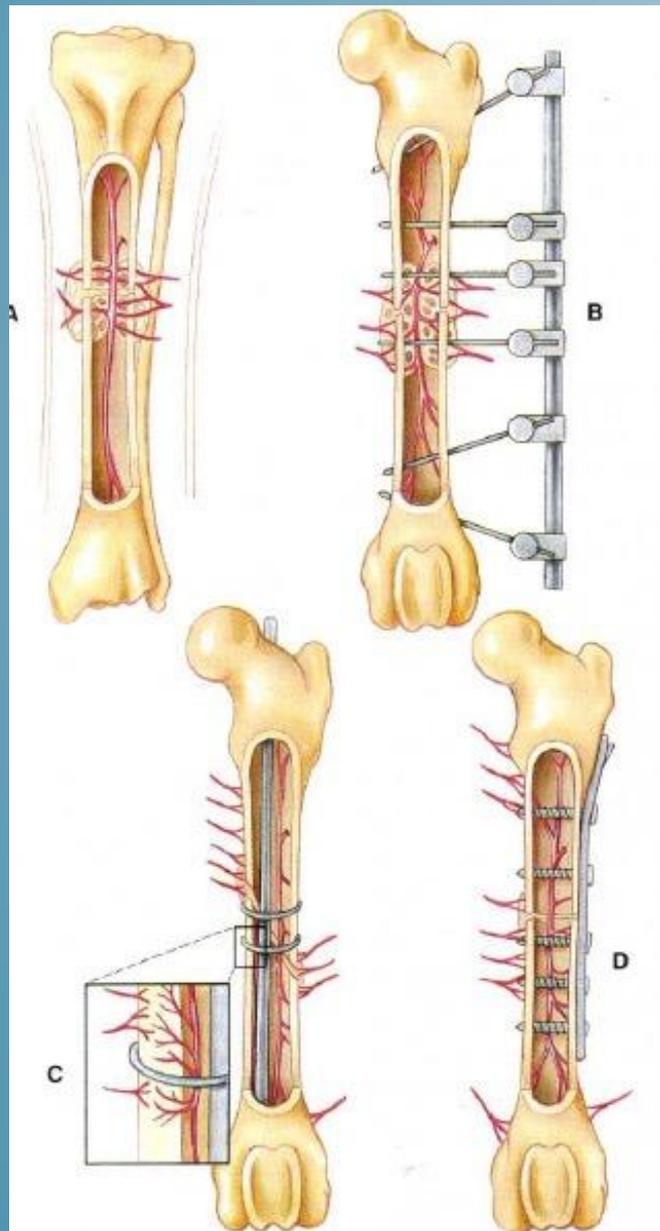
Arterioles from
medullary artery

Descending
medullary artery

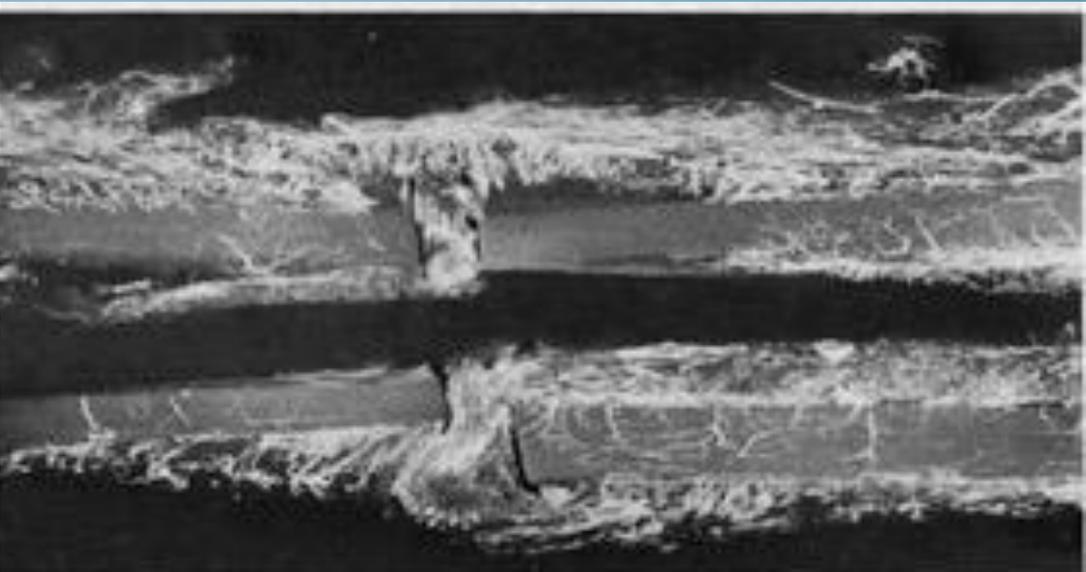
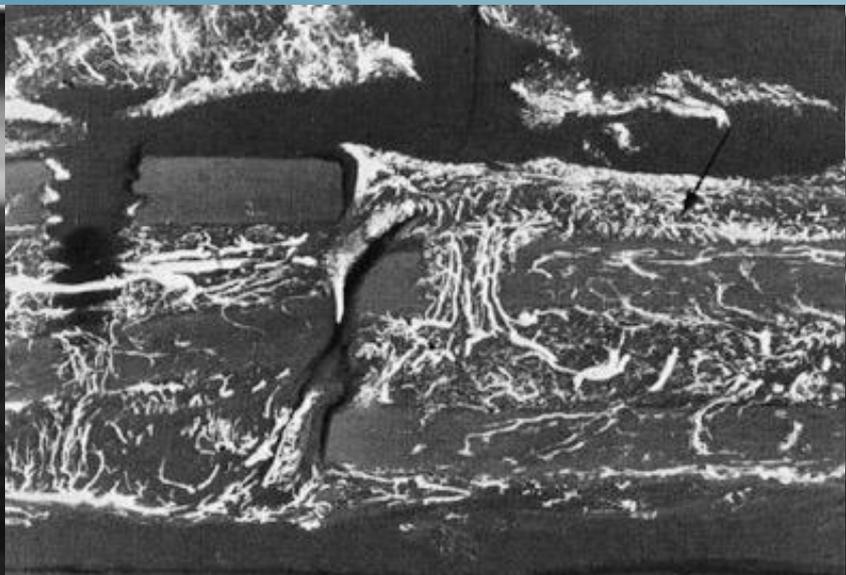
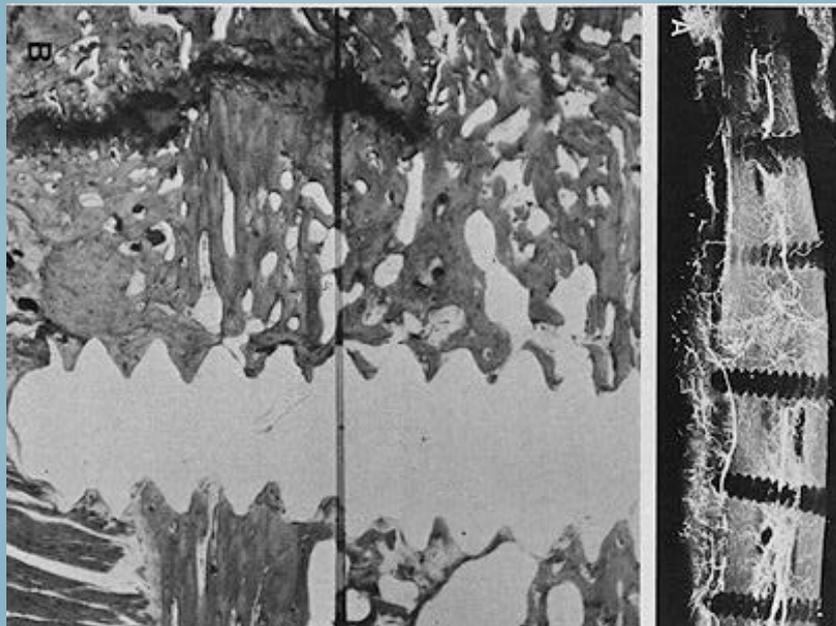
КРЪВОСНАБДЯВАНЕ СЛЕД ФРАКТУРА РАЗВИТИЕ НА ЕКСТРАОСАЛНИЯ КОМПОНЕНТ



ВЛИЯНИЕ ВЪРХУ КОСТНОТО ЗАРАСТВАНЕ НА НАТИСКА НА ИМПЛАНТИТЕ ВЪРХУ ПЕРИОСТА



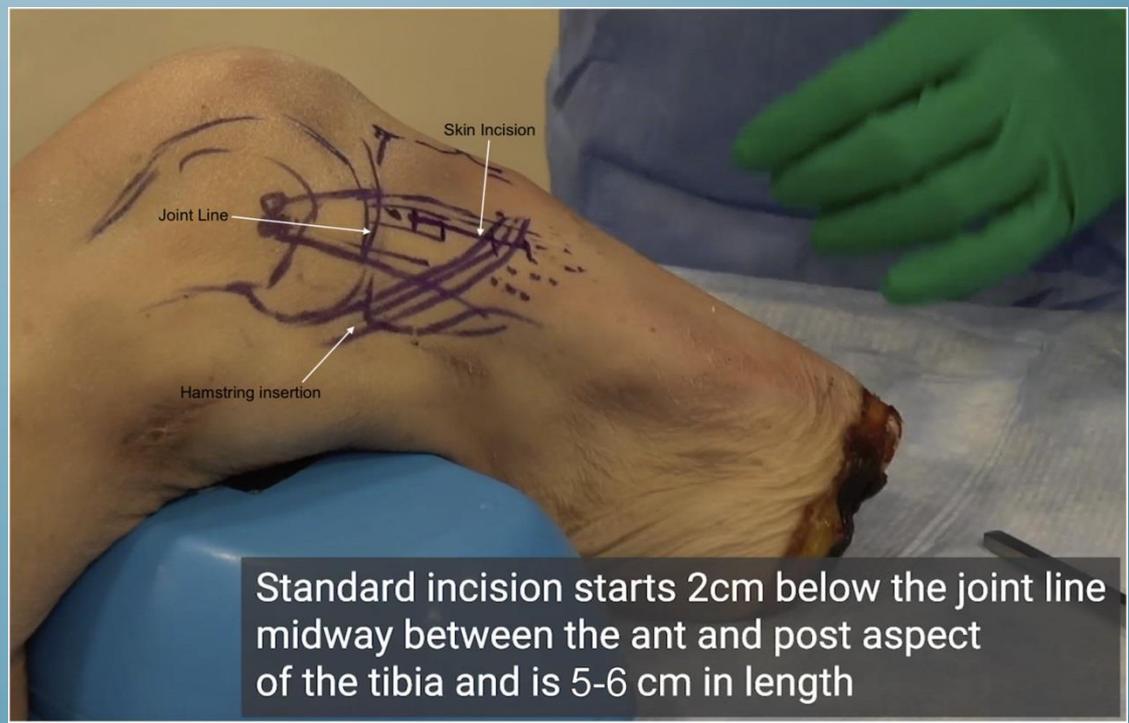
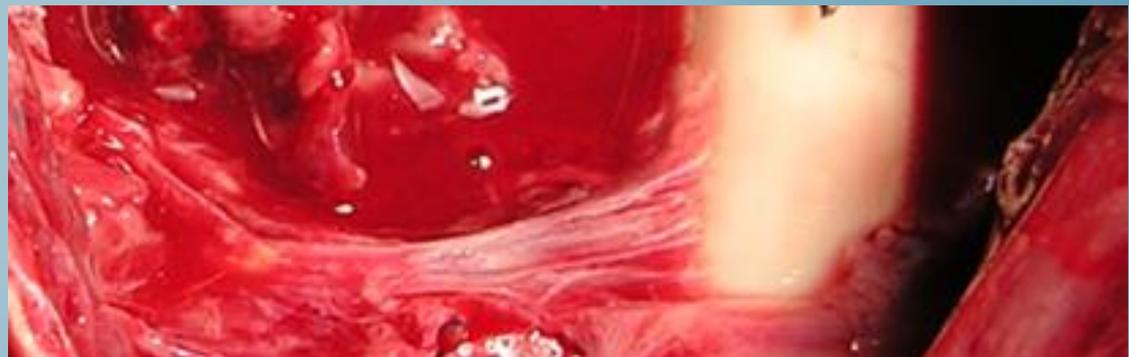
ЕФЕКТ ВЪРХУ КОСТНОТО КРЪВОСНАБДЯВАНЕ ОТ СТАБИЛНОСТТА НА ФИКСАЦИЯТА



ЗНАЧЕНИЕ НА АДЕКВАТНАТА РЕДУКЦИЯ НА ФРАГМЕНТИТЕ ВЪРХУ СЛЕДФРАКТУРНОТО КРЪВОСНАБДЯВАНЕ

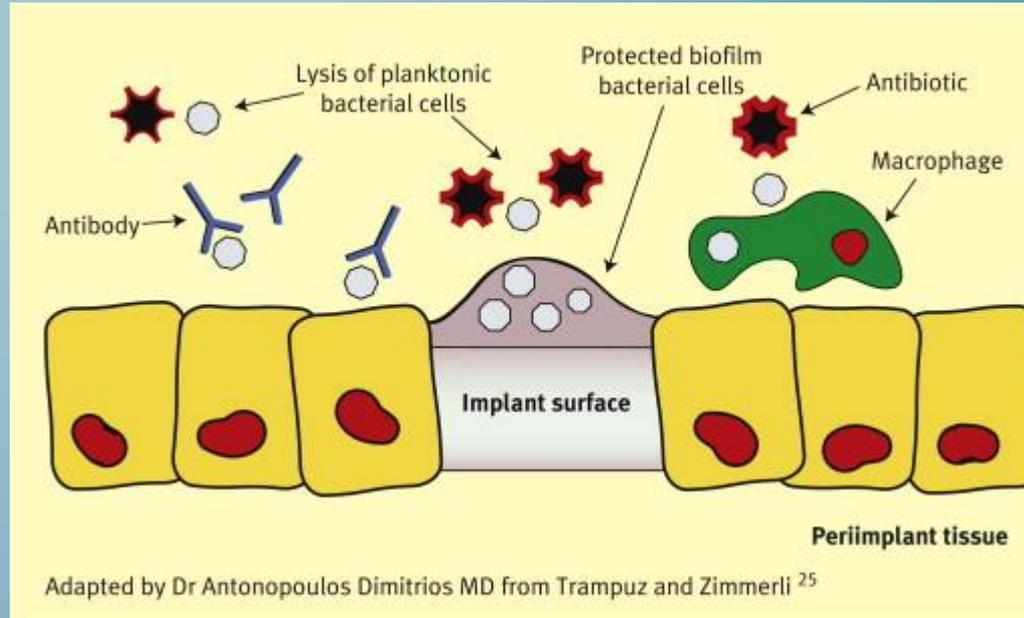
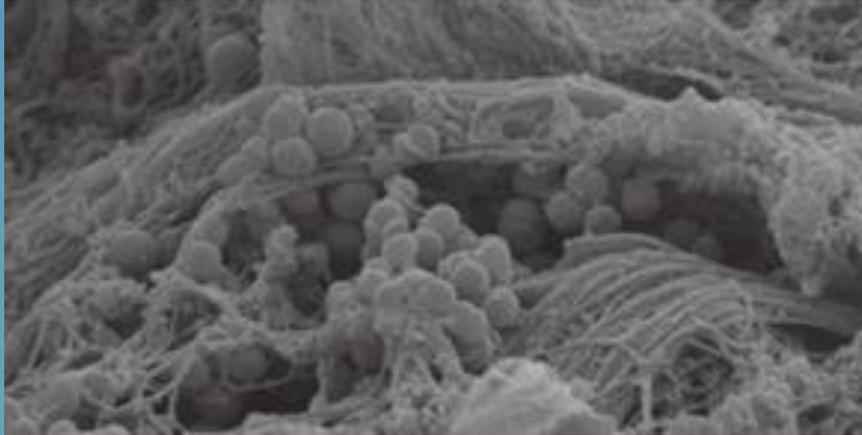


ПАЗЕТЕ МЕКИТЕ ТЪКАНИ ОКОЛО КОСТТА, ПАЗЕТЕ ПЕРИОСТА, ПАЗЕТЕ СВЪРЗАНИТЕ С КОСТТА ФАСЦИИ И СУХОЖИЛИЯ!



Standard incision starts 2cm below the joint line midway between the ant and post aspect of the tibia and is 5-6 cm in length

БАКТЕРИАЛНА СЛЕДОПЕРАТИВНА ИНФЕКЦИЯ



WINDOW OF OPPORTUNITY

for host cells,
local / systemic ATB

