

Name:

Date:

Period:

Do Now# 2-12

Homework: 2-12

Aim: How do blood vessels differ?

Vocabulary: (6)

- 1. Artery
- 2. Vein

- 3. capillaries
- 4. Valve

- 5. pulse rate
- 6. blood pressure

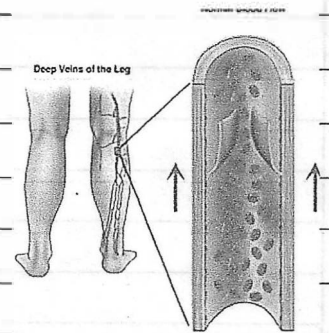
What is an artery?

- Carry blood away from the heart.
- thick walled.
- thick muscle present.
- Elastic. (flexible)
- No valves.

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Prevent backflow of blood.

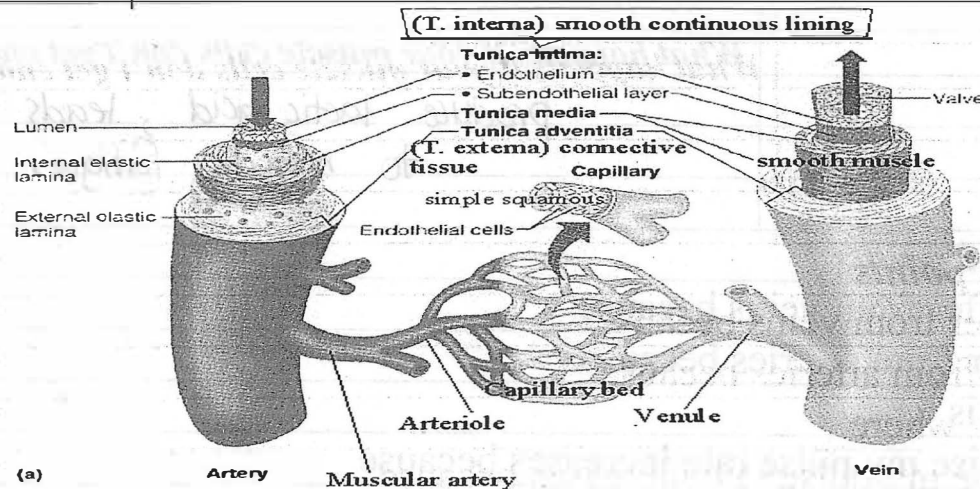
What is a vein?

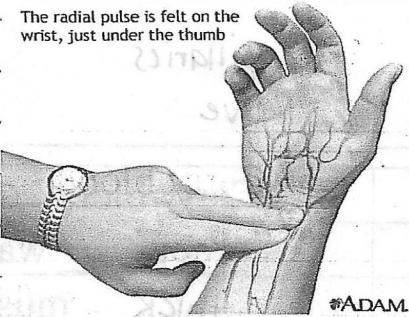
- Carry blood into the heart.
- Thin walled.
- Thin muscles.
- Non elastic.
- Valves present.



What is a capillary?

- Connects small arteries and small veins.
- Wall has one layer of cells. (very thin)
- Where exchange of gases between the blood and tissues occur.



Questions/Main Ideas:	Notes:
<p>What is a pulse?</p>	<p>Rhythmic constriction and contraction of the <u>artery</u>.</p> <p>The radial pulse is felt on the wrist, just under the thumb</p> 
<p>What is blood pressure</p>	<ul style="list-style-type: none"> • Pressure exerted by <u>blood</u> against the walls of the <u>artery</u>. • 120/80 is the <u>normal</u> blood pressure.
	<p>What is the relationship between heart beat and pulse beat?</p> <p>The number of times the heart beat, the same number of times the pulse beat.</p>
	<p>Why will your pulse rate increase after exercise?</p> <p>cells need more oxygen</p>
	<p>What happens if your muscle cells don't get enough oxygen?</p> <p>produce lactic acid, leads to muscle fatigue</p>

Summary: 2 points

Arteries differ from veins because

Veins differ from arteries because

Capillaries is where

After exercise my pulse rate increases because