

FETAL CIRCULATION

There are several main differences between adult and fetal circulation. Information is in the HUMAN DEVELOPMENT chapter of the textbook. [pages 452-454]. Answer and learn the following

- 1) What is the job of the oval opening?

- 2) What is the job of the venous duct?

- 3) What is the job of the arterial duct?

- 4) How do you tell the umbilical artery from the umbilical vein just by looking at a diagram?

- 5) What differences are there between blood in umbilical artery vs. umbilical vein [direction of flow & composition of blood]

- 6) What is the job of the placenta?

- 7) HOW does the placenta do its job [focus on structure]?

- 8) **Label the diagram [on back of this page]. There is an excellent diagram in your textbook to use.**

- 9) **In the diagram, colour vessels having oxygenated blood RED, deoxygenated blood BLUE, mixed blood PURPLE, and mixed blood with less oxygen BLUEY-PURPLE. [Use text diagram and/or internet pictures to help you].**

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