Understanding physiology of the fetus, placenta, and newborn is fundamental for safe obstetric and neonatal care. This DVD contains five videos analyzing critical aspects of fetal development and transition to newborn.

**Titles:**

1. **FETAL CIRCULATION**
   The fetal circulation is designed to maximize oxygen delivery to the brain and return less-oxygenated blood to the placenta. This video provides a visual path of that process.

2. **TRANSITIONING FROM FETUS TO NEWBORN**
   At birth the fetus leaves its dependency on placental oxygen to begin air breathing as a newborn. This video illustrates that process.

3. **IMAGING THE FETAL HEART**
   Ultrasound now provides insight into the function of the fetal heart. This video illustrates components of a normal fetal heart and provides examples of abnormalities in cardiac structure and function.

4. **EXAMINING THE PLACENTA**
   Successful fetal development requires a healthy, functioning placenta. This video presents examples of normal and abnormal placentas.

5. **NUTRITION AND PREGNANCY- FOLIC ACID**
   Normal neurologic development in the fetus depends upon adequate maternal folic acid intake in the preconception period and early first trimester. This video explains the relationship between folic acid intake and the development of a neural tube defect.