



Education Topics

Dr. Waters is available to lecture, teach academic and continuing education courses, and give workshops on many topics in Perinatal Pathology. Recognizing that the requirements and time considerations of institutions vary, Dr. Waters's presentations can be tailored to suit particular needs. The following is a list of sample topics with brief objectives:

Gross Placental Pathology

- To describe abnormalities of the membranes
- To expose clinically significant changes in the umbilical cord
- To illustrate abnormalities of the placenta

Twins and Higher Multiples

- To elucidate the development of twins
- To differentiate whether zygosity can be determined by gross exam and when it cannot
- To describe twin-twin transfusion and related complications

Indications for Placental Pathology

- To itemize College of American Pathologist recommended guidelines
- To illustrate simpler standards
- To understand rationales for universal examination

Placental Pathology Associated with Risks of Cerebral Palsy and Neurologic Impairment

- To detect chronic placental changes indicating weeks of stress
- To demonstrate subacute placental changes indicating days of stress
- To differentiate acute changes in hours or less of the birth

Abnormalities of Placentation: Previa, Accreta, etc

- To classify abnormal locations of the placenta, i.e. previa
- To distinguish abnormal depths of penetration of the placenta, i.e. accreta
- To contrast extrachorial placentation: circummarginate v. circumvallate

Infection and Inflammation of the Placenta

- To summarize the etiologic agents for ascending infections
- To recognize causes of bloodborne infection
- To explain villitis of unknown etiology (VUE)

Please contact Dr. Waters if you are interested in having her provide educational services at your institution.