

Tuesday, February 12, 10:10AM-11:45AM  
Plenary Session

***Defects of the Ventral Wall and Related Complexes***

Moderator: Angela Lin, Massachusetts General Hospital, Boston, MA

**Congenital Diaphragmatic Hernia**

**Barbara Pober**, Harvard Medical School, Boston, MA

Congenital diaphragmatic hernia (CDH) is a common birth defect with a birth prevalence of ~1/3000. It continues to be associated with high perinatal morbidity of 30-50%. CDH is increasingly the focus of study since growing recognition that it, like many other common birth defects, has strong genetic determinants.

During this talk I will elaborate on the following aspects of CDH:

- 1- Definition of CDH;
- 2- Distinction from other diaphragmatic abnormalities (eg, eventration and sac type hernia); and
- 3- Epidemiology (e.g., sidedness, mortality, isolated versus complex); and
- 4- Potential dietary and teratogenic risk factors

Evidence underscoring the genetic nature of CDH will also be reviewed, including common chromosome abnormalities, single gene disorders, and CDH mouse models.

Finally, clues to assist in the abstraction of records and classification of cases with CDH will also be presented.