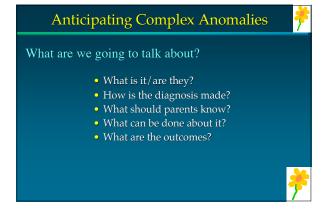
# Anticipating and Managing the Child and Family with Complex Congenital Anomalies Charles J. H. Stolar, M.D. Director, Division of Pediatric Surgery Columbia University, College of Physicians and Surgeons Cornell University Weill Cornell College of Medicine Children's Hospital of New York New York-Presbyterian Hospital

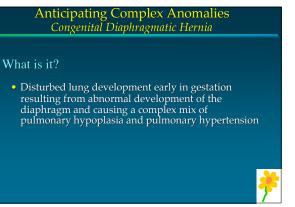
### **Anticipating Complex Anomalies**

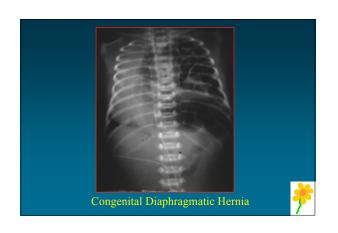
- Why are we talking about this?
  - » Congential anomalies are seldom first diagnosed in the labor room.
  - » Antenatal imaging techniques are increasingly accurate.
  - » Antenatal diagnosis is made increasingly early.
  - » The internet is a huge source of out-of-context misinformation
  - » We are sometimes a huge source of mis-information.
  - » "Doctor" comes from the Latin verb, to teach"
  - » An educated consumer is a happy consumer.

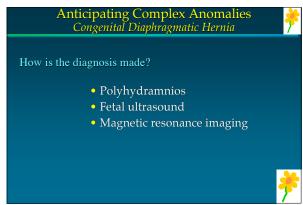


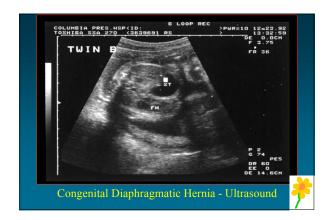




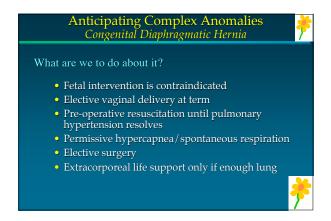




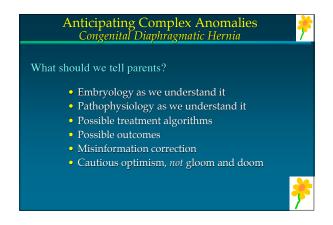


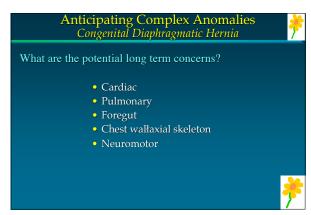


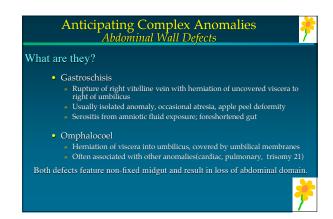


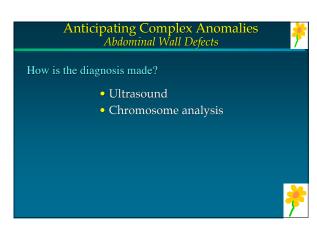


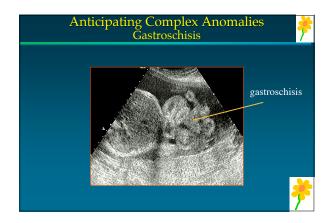


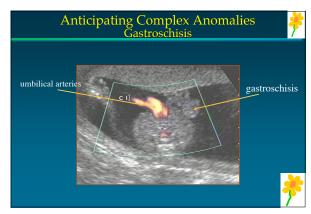


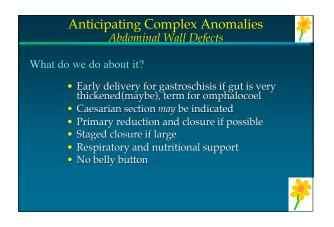


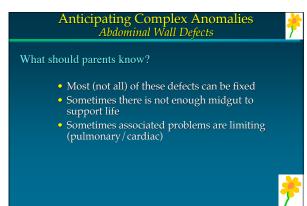






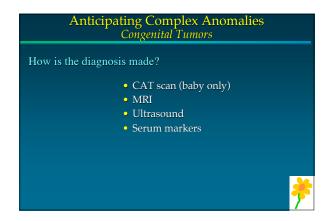


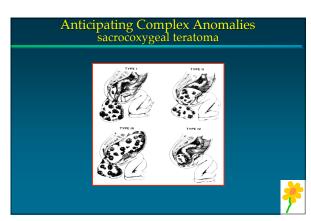


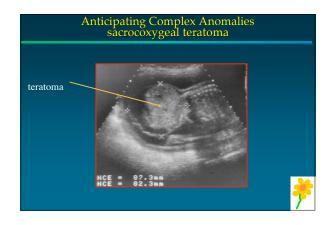


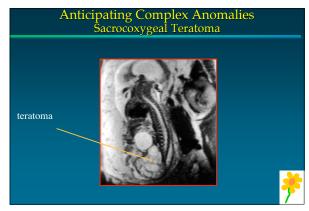


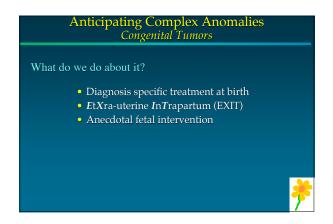


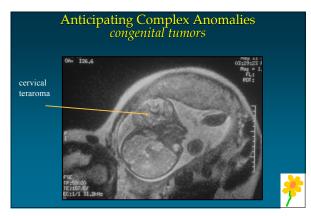


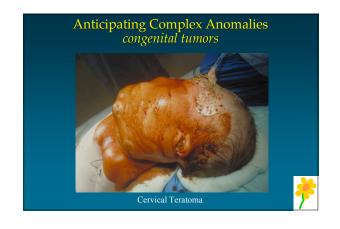




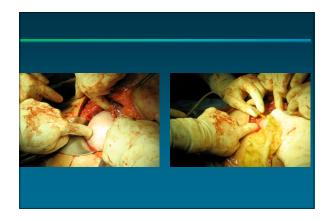


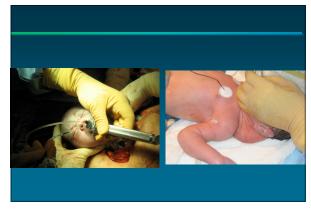


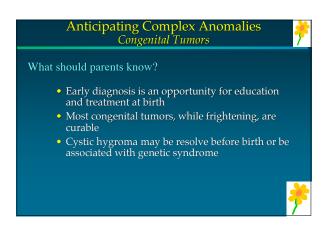


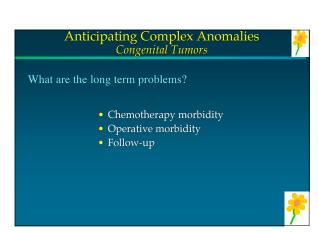


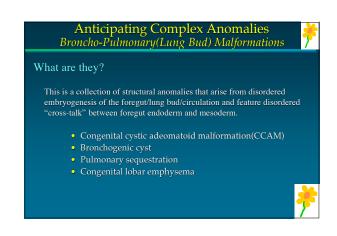


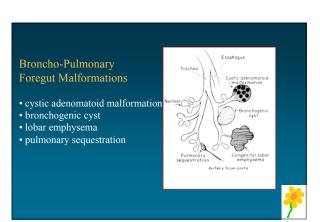


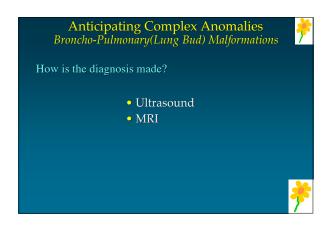


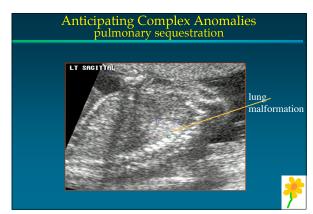




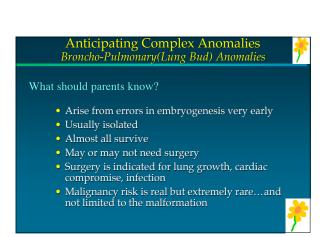


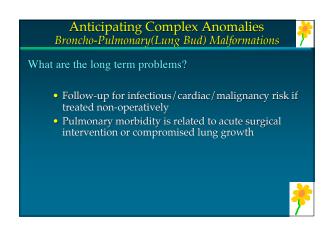




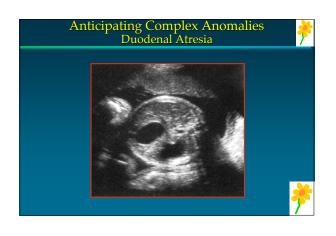












What do the ultrasound findings mean?

- » Often, nothing, ...but sometimes they do
- » Hirschsprung's disease



### What do we do about it?

- » Chromosome analysis on parents and fetus
- » monitor renal images



# inticipating Complex Anomalies Intestinal Abnormalities

## What should parents know?

- Almost all of these diagnoses can be fixed.
- The repair depends on the diagnosis.
- The exact diagnosis can't be made until birth.
- Some of the infants may have life-long nutritional



### **Anticipating Complex Anomalies** Summary



# The important features of antenatal diagnosis are:

- Comprehensive multi-disciplinary consultation
   Parental education regarding what the problem is, where it came from, what can be done, how the story will end
- Correction of misinformationPlan for rare fetal intervention
- Coordination of multidisciplinary care for parents and child
   Plan elective delivery and care for child in a full service facility...as needed







