Prenatal Diagnosis and Management of Congenital Cystic Adenomatoid Malformation (CCAM)

Sonographic Surveillance

CCAM volume/head circumference ratio (CVR)

Ellipsoid Volume = \( \text{height} \times \text{width} \times \text{length} \times 0.523 \)

\[
\text{CVR} = \frac{\text{AP} \times \text{TRV} \times \text{length} \times 0.523}{\text{Head circumference}}
\]

(all measurements taken in centimeters)

- **> 1.6** at risk for hydrops and warrants evaluation two to three times a week
- **1.2 – 1.6** evaluation initially twice weekly, then weekly depending on growth and mass effect
- **< 1.2** evaluation at two week intervals depending on gestational age and growth