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Prenatally detected arachnoid cysts: Characteristics and postnatal outcomes

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• **Introduction**

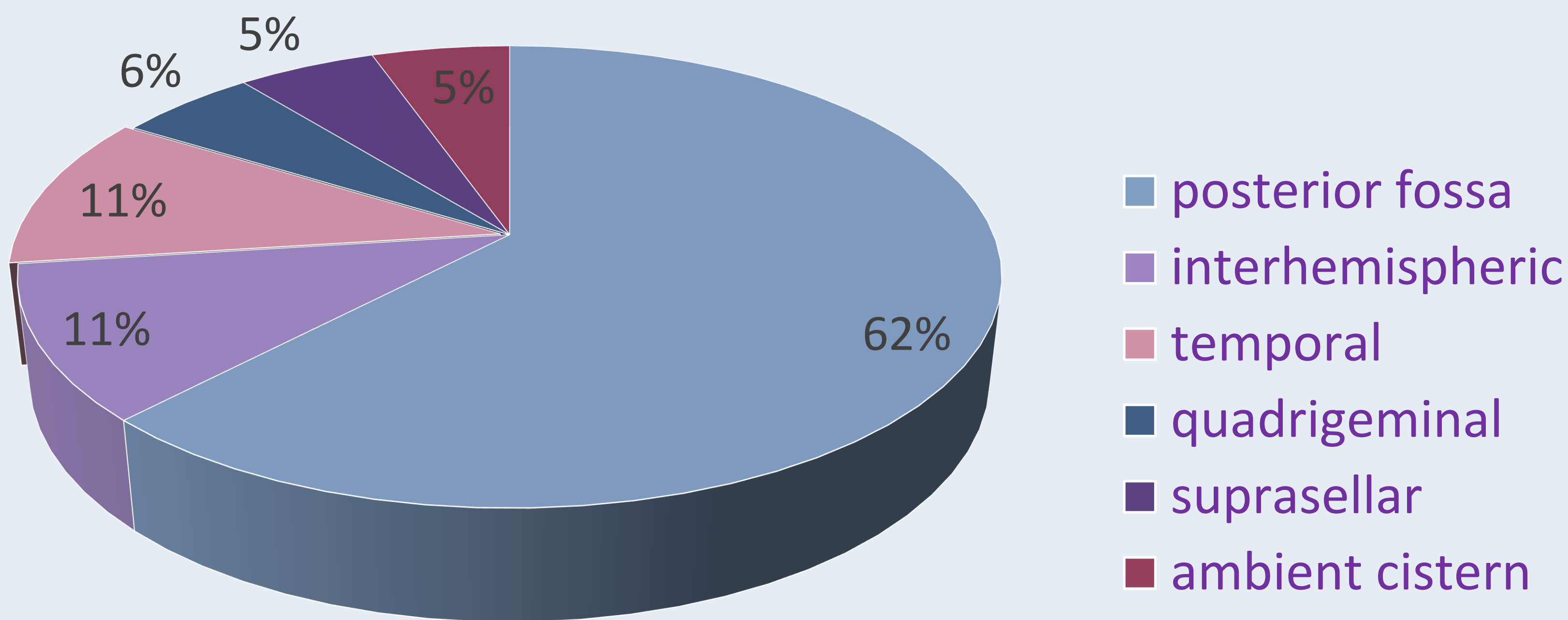
Congenital arachnoid cysts are extra-axial cerebrospinal fluid (CSF)–filled lesions with a prevalence of approximately 1%

• **Methodology**

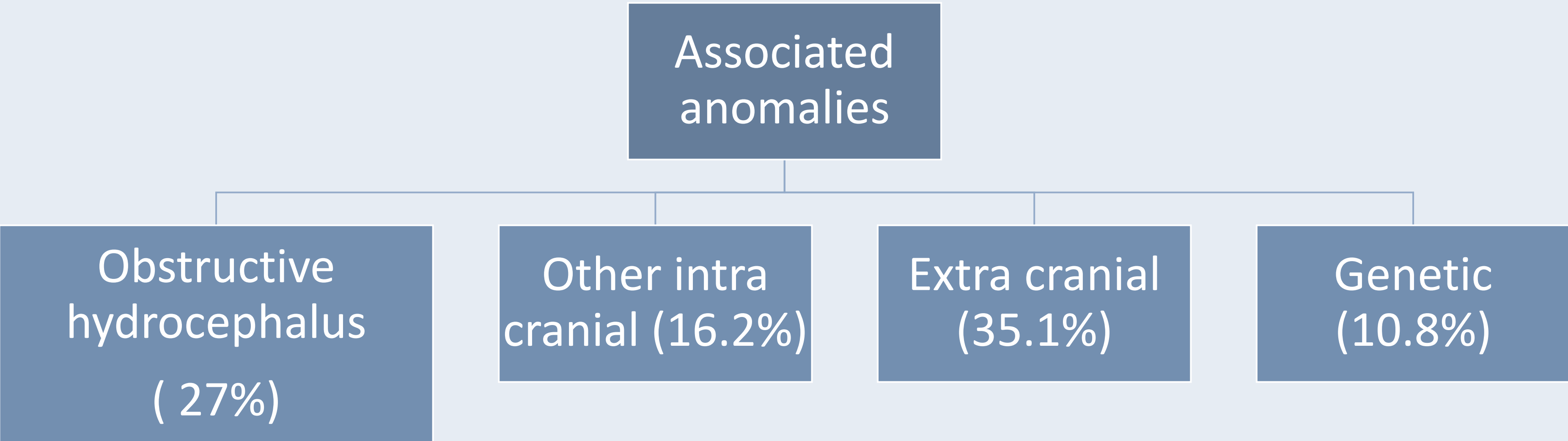
Retrospective study
Fetal arachnoid cysts diagnosed at a single tertiary centre in India between January 2014 and November 2025.

• **Results**

- Total number of cases-37
- Mean Gestational age at detection/ referral- 32 w 5 d
- **Distribution of cyst location:**



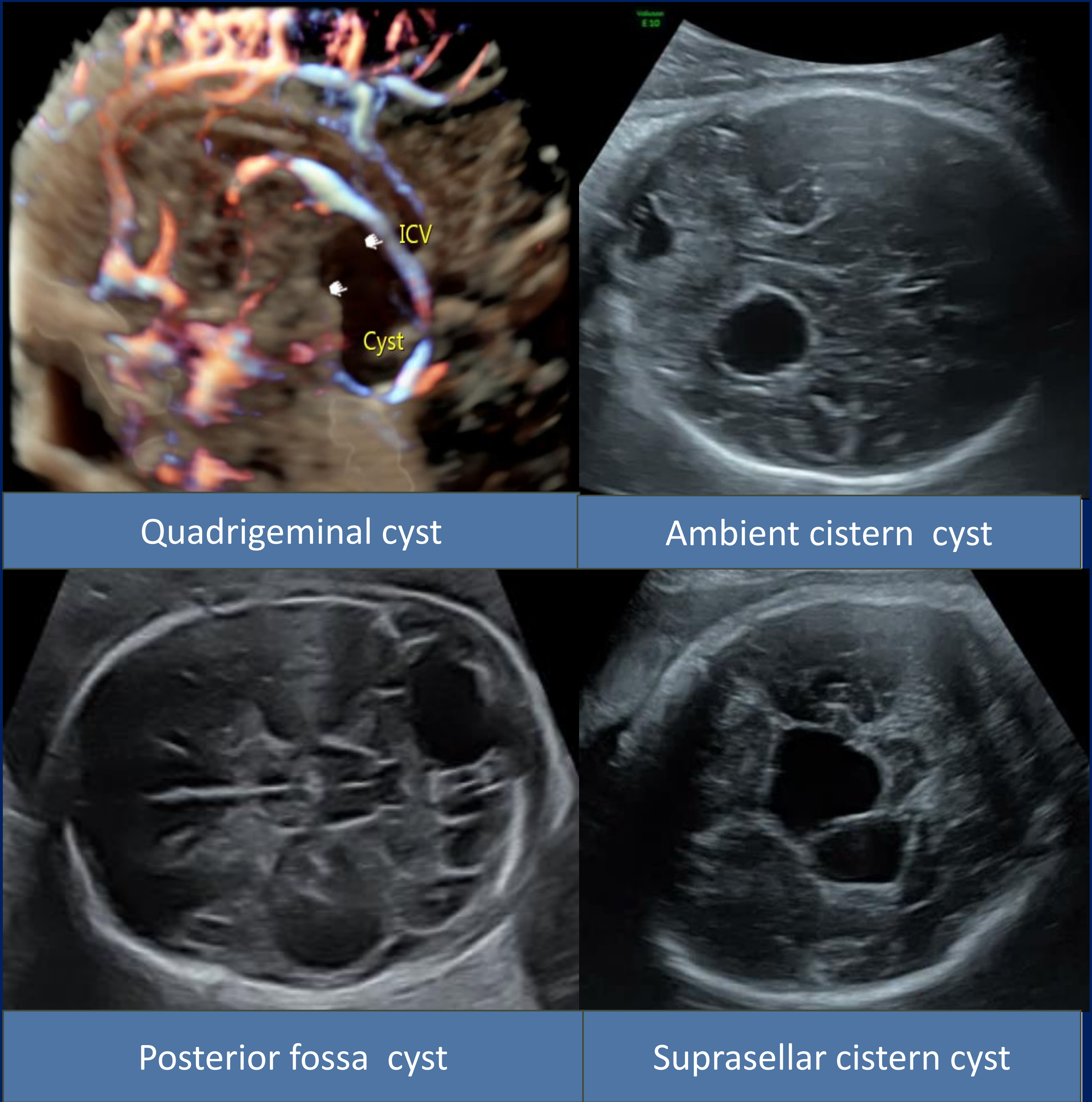
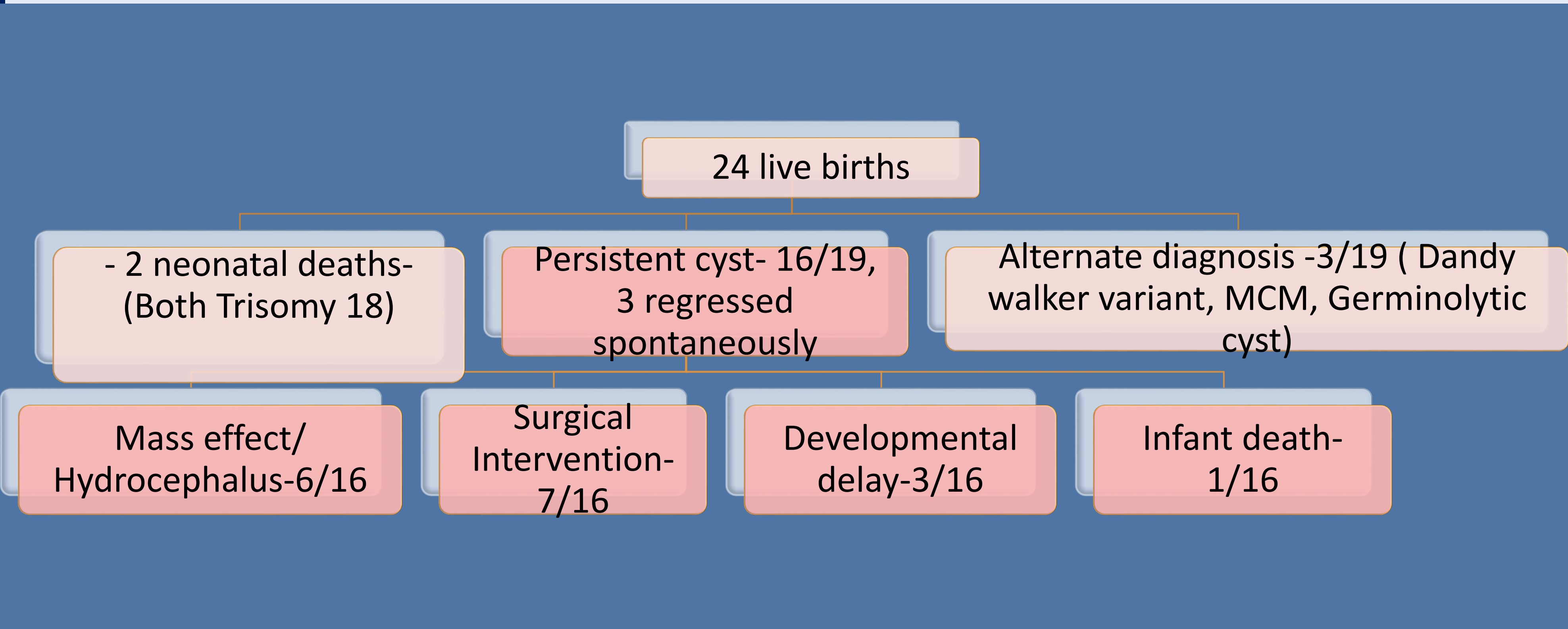
• **Associated abnormalities**



• **Pregnancy outcomes:**



• **Postnatal outcomes:**



• **Conclusion**

- Prenatally detected arachnoid cysts are predominantly benign with favourable neurodevelopmental outcomes.
- Detailed prenatal assessment enables appropriate counselling and facilitates targeted postnatal surveillance and timely intervention.