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**Prenatal Three Dimensional Ultrasonography and Expectant Management of Placental Chorioangioma: A Case Report**

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**Abstract**

A 24-year-old Thai woman presented with large for date. Two dimensional (2D) and Doppler ultrasonography revealed a large placental mass with prominent vasculature suggestive of chorioangioma with polyhydramnios. Threedimensional (3D) ultrasonography was used to demonstrate the better images for parental counseling. Close observation with serial ultrasonography was chosen with spontaneous decreasing of amniotic fluid. On the follow up, six months after birth, the baby had hepatic hemangioma, which responded to corticosteroid and propranolol.

Although, there are several invasive therapeutic treatments adopted in the management of chorioangioma. Such procedures can cause serious complications. Expectant management should be another option because large chorioangiomas may have spontaneous infarction that improve fetal hemodynamics and clinical outcomes.

**Keywords:** Chorioangioma, Three dimensional ultrasonography, Expectant management

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