Introduction
Aplasia cutis congenita is a rare skin disorder characterized by localized absence of skin, with or without the absence of underlying structures such as bone. We report a case of aplasia cutis congenita with the absence of scalp and skull.

Case report
• A 37-year-old Japanese multiparous woman was introduced at 32 weeks of gestation because of management of hypertensive disorder and fetal growth restriction. When we examined the head, sagittal and cross-sectional ultrasound (US) scans demonstrated that the scalp and skull was widely absent. In a normal fetus, the skin surrounding the skull generates strong echoes. In the present case, strong echoes were absent for some of the head circumference. Although skull was deformity, brain was covered by cranial arachnoid. Other no major anomalies were demonstrated by US scan. At 35 weeks of gestation, Cesarean section was performed due to indication of severe hypertension and prevention of brain damage.

Conclusion
It is useful to diagnosis congenital skull deformity prenatally from the viewpoint of prevention of brain damage.

A female infant was delivered and her birth weight was 1498g. Her scalp and skull were widely absent about 5*8 cm. Her brain was covered by cranial arachnoid and was seen through cranial arachnoid.