Sirenomelia, a rare anomaly characterized by fusion of lower extremities, associated with bilateral renal agenesis and anomalies of rectum, sacrum, CVS and abdominal wall. SUA seen commonly. Sirenomelia has strong association with maternal DM.

A G2P1, non diabetic, came for NT scan. The singleton fetus with menstrual age of 11 weeks 2 days showed single limb with fixed extension deformity. There were two femur, two bones in mid leg and a single deformed foot. Mid leg level showed an echogenic twiggy area probably remnant of other leg. Omphalocele and SUA were seen. Amniotic fluid was adequate. Reversal of Ductus Venosus A wave was seen.

Conclusion

Diagnosis of Sirenomelia is easier in first trimester, as severe oligohydramnios later in gestation hampers the views. This case signifies the importance of evaluation of limbs in first trimester.