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Conjoined Twins in a 32-Year-Old after in vitro fertilization (IVF) Pregnancy

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Introduction

It's a case of a monochorionic monoamniotic pregnancy (thoraco-omphalopagus) at 12+3 weeks of gestation. These twins present: two separate heads (the heads of the fetus positioned lower shows an anomaly of the posterior cranial fossa). Two chests that as fused on the final portion with two heart that have bigger's malformation. Two stomachs with only one liver. Two scoliotic columns, one bladder, four upper limbs and three lower limbs. The lower fetus appeared smaller respect the other one with fetal hydrops. After the expulsion of the fetuses, they exhibited the same physical characteristics as described by ultrasound.

Conclusion

This case emphasizes the importance of first-trimester obstetric ultrasound, where embryogenesis has not occurred normally or cases where the fetal prognosis is unfortunately unfavorable. Thanks to this tool, we have the possibility to offer the couple the choice to terminate the pregnancy in the first trimester



Figure 1. Ultrasound image of the thoraco-omphalopagus at 12+3 w



Figure 2. picture of the pathological anatomy after the expulsion