

# Bridging two lives: Prenatal management of conjoined twins – A case-based perspective

**Mas Irfan Jaya Mahamooth<sup>1,2</sup>, Buvanes Chelliah<sup>1</sup>, Rathimalar Kerisnan<sup>1</sup>, Vikneswaran Chendirasagaram<sup>1</sup>, Siti Sarah Ahmad<sup>1</sup>**

<sup>1</sup>Maternal Fetal Medicine Unit, Hospital Tunku Azizah, Kuala Lumpur, <sup>2</sup>Maternal Fetal Medicine Unit, Hospital Al Sultan Abdullah UiTM, Puncak Alam, Selangor

## ABSTRACT

**Introduction:** Conjoined twins represent one of the rarest and most complex congenital anomalies in perinatal medicine, with an incidence of 1 in 50,000 to 1 in 200,000 live births. Their management demands precise prenatal diagnosis, multidisciplinary coordination, and sensitive parental counselling. **Objective:** This video presentation aims to illustrate our experience with regards to the challenges, strategies, and ethical considerations involved in the prenatal management of conjoined twins through a case-based narrative. **Materials and Methods:** We present the journey of three cases of conjoined twin pregnancies diagnosed at our fetal medicine unit. High-resolution ultrasonography and fetal MRI were employed to delineate the extent of anatomical fusion and organ sharing. A multidisciplinary team—including maternal-fetal medicine specialists, paediatric surgeons, neonatologists, and radiologists—collaborated to formulate a comprehensive antenatal and postnatal care plan. **Conclusion:** This case underscores the pivotal role of early diagnosis, multidisciplinary teamwork, and compassionate care in optimising outcomes for conjoined twin pregnancies. Through this visual narrative, we hope to inspire deeper understanding and empathy among practitioners managing such rare and demanding clinical scenarios.