

“Beyond the Uterus”- Pontine Haemorrhage A Rare Occurrence in Pregnancy

Deshmukh Gargi ¹ , Kakade Aniket ²
Bharati Vidyapeeth Medical college and Research centre, Pune, Maharashtra, India

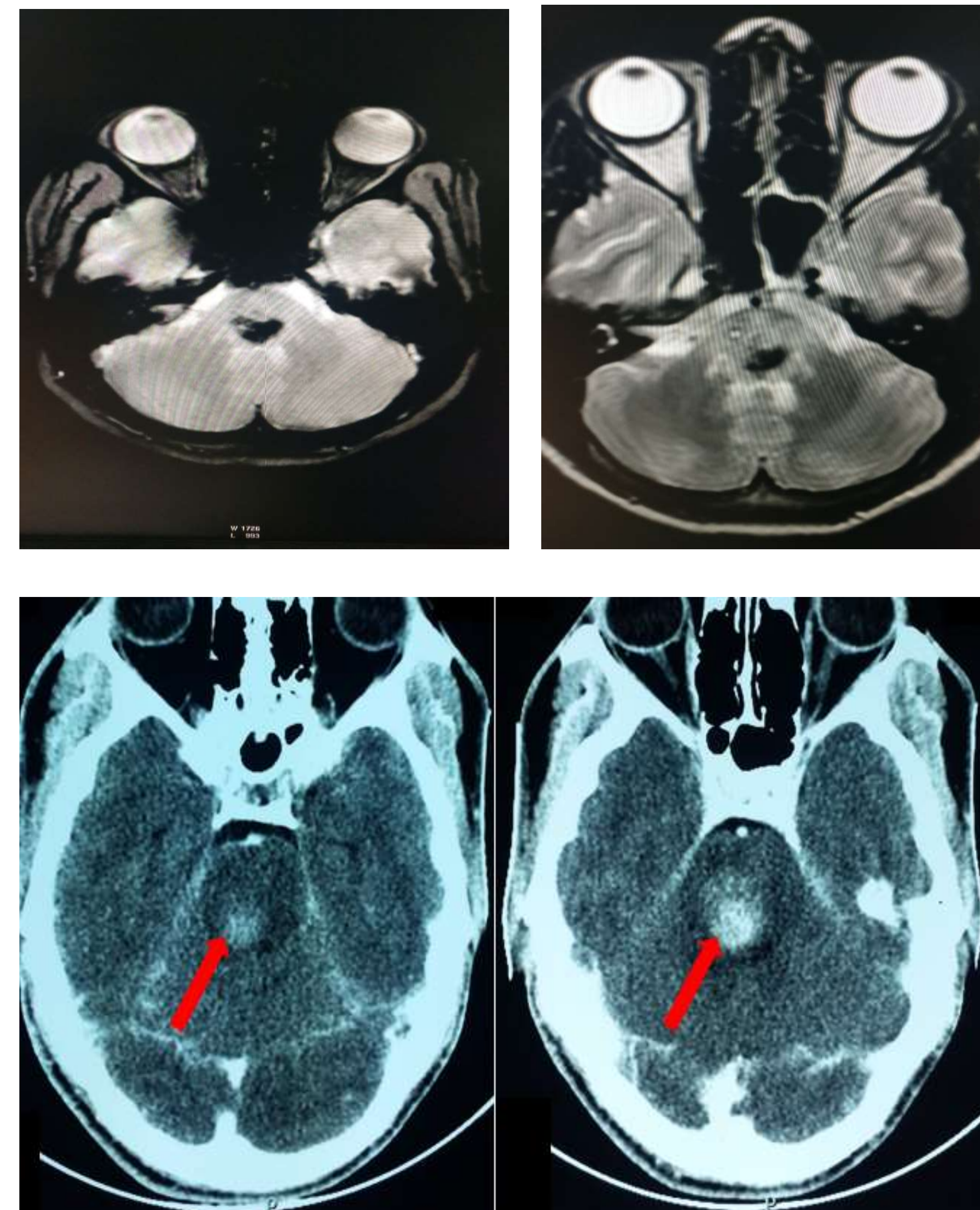
Introduction

Pontine haemorrhage is a rare but life-threatening neurological event during pregnancy, often associated with hypertensive disorders or arteriovenous malformations. we report a case of Pontine Bleed at 28 weeks in a primigravida, managed conservatively with good outcomes.

Case Report

- A 20-year-old primigravida at 28+2 weeks presented with facial numbness, headache, hearing difficulty, and slurred speech. She was drowsy but responsive, with a normal GCS, stable vitals, no hypertension, and a reassuring fetal status.
- MRI brain revealed an acute pontine hemorrhage. A multidisciplinary team (MDT) comprising obstetrics, neurology, ICU, and radiology initiated conservative management.
- On Day 2, she experienced a seizure; GCS decreased to 13/15. Romberg’s test was positive, but motor and sensory exams remained intact.
- She was managed in the ICU with IV tranexamic acid, mannitol, steroids, and continuous maternal and fetal monitoring.

Imaging



MRI Brain –Abnormal Signal In The Dorsal Pons In The Midline And Both Sides. Acute Pontine Bleed With Surrounding Oedema - 16.5x16.8x12.5mm (Left side Day 1), MRI 19.7x19.2x20.2 mm (Right side- Day 2). No Extension In The Ventricular System.

Discussion

- Neurological symptoms, especially headache, should be considered as warning signs.
- Management of ischemic stroke during pregnancy requires Multidisciplinary care from obstetrics, neurosurgery, neurology and critical care.
- We successfully managed a pontine haemorrhage with the MDT Approach.

Conclusion

- Prompt diagnosis and timely multidisciplinary care are key to maternal and fetal safety.
- Highlights the need for vigilance in pregnancy-related neurological emergencies.
- Understanding risk factors, causes, and differentials is essential.
- Enables effective management of high-risk obstetric cases.

Reference

- Men-Jean Lee ; Jose biller(cerebrovascular disorders complicating pregnancy)
- J.K. Wildman, B.H. Rimawi / Case Reports in Women's Health 21 (2019) e00097