

EP17.01 – Transperineal intrapartum ultrasound in the diagnosis of cervical buttonhole tear with fetal head descending through the defect

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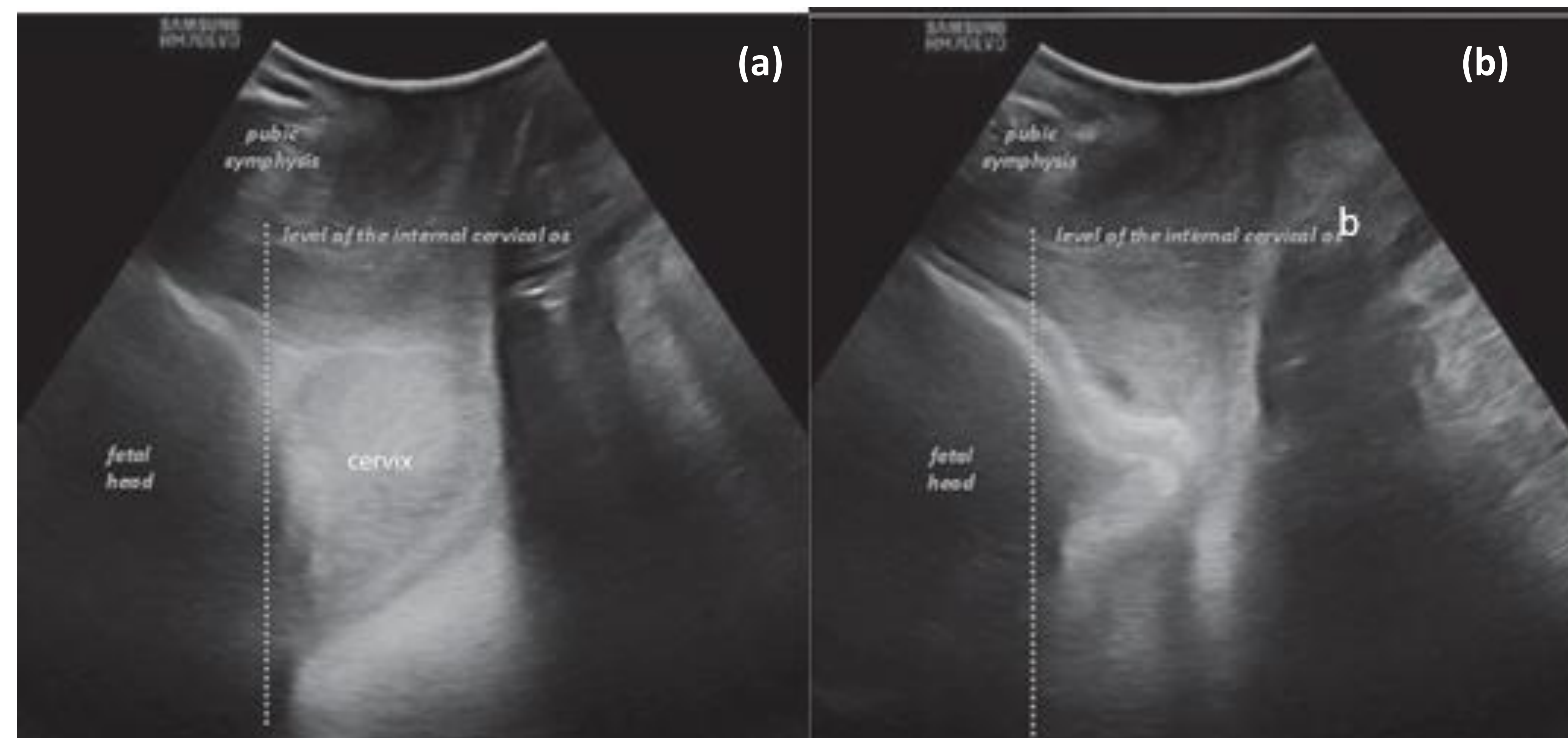
Objective:

To describe the contribution of intrapartum transperineal ultrasound to supporting the clinical diagnosis of a cervical buttonhole tear with the fetal head descending through the defect.

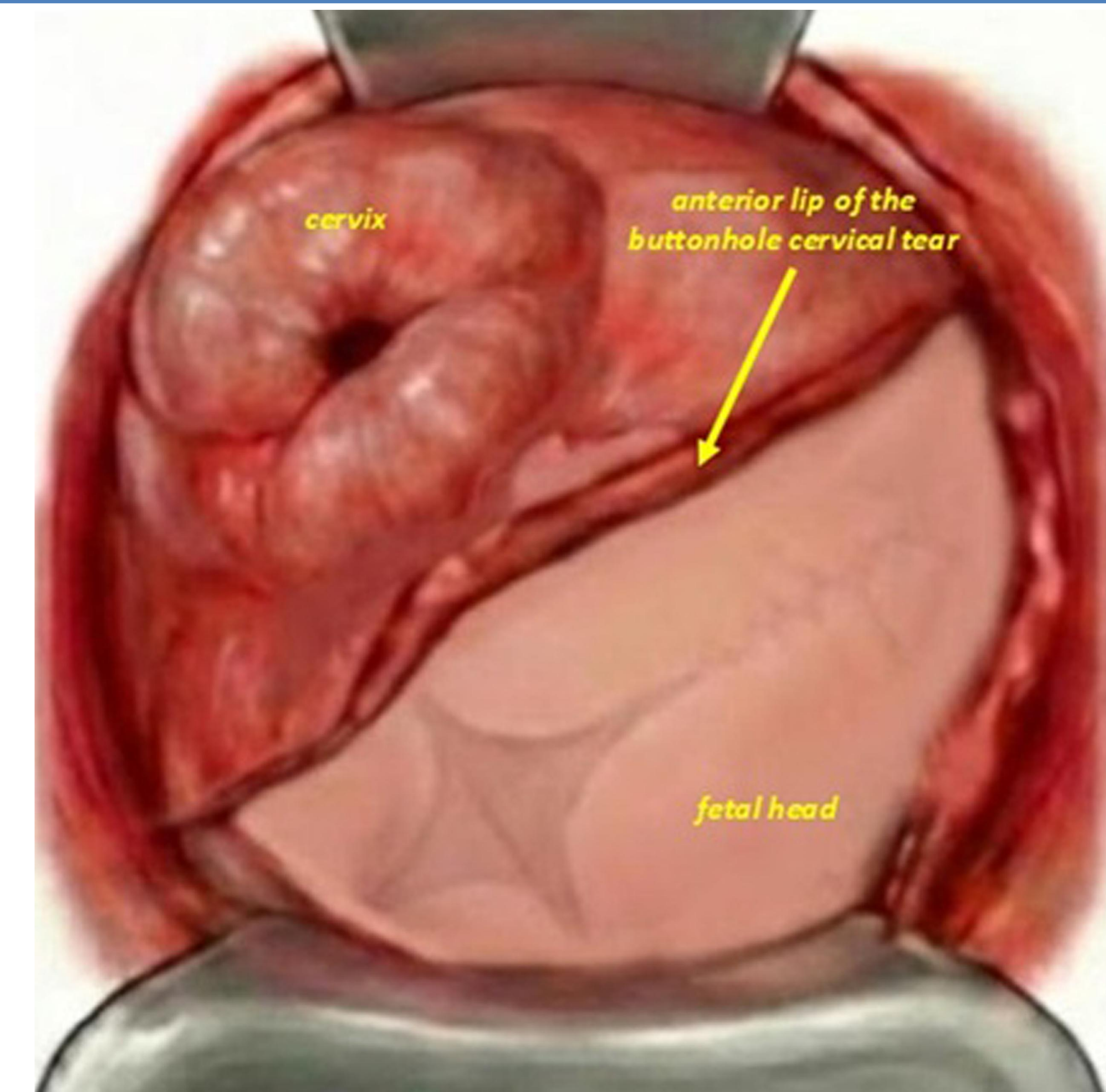
Methods:

This report describes a single case of suspected cervical buttonhole tear during labor. Severe pain despite epidural analgesia limited speculum examination. Transperineal ultrasound was performed in sagittal and axial planes to assess the relationship between the cervix and the presenting fetal head.

Results:



(a) Sagittal: intact cervix; (b) head below internal os.



Anatomical illustration: Head descending through the defect; displaced intact cervix

Conclusions

Transperineal ultrasound supported the clinical diagnosis by demonstrating an intact, displaced cervix beside the descending fetal head. It may assist assessment and decision-making when intrapartum examination is limited.