### Background

- Fetal head engagement prerequisite for operative vaginal delivery
- **Engagement**: largest diameter below pelvic inlet
- Usually when leading bony part is at ischial spines
- **Moulding**: diagnostics vital because leading bony part may be at the ischial spines, while largest diameter is still above pelvic inlet

### Current diagnostic methods

<table>
<thead>
<tr>
<th>Clinical assessment</th>
<th>Angle of progression</th>
<th>Transperineal scan</th>
<th>Moulding problematic</th>
<th>Problem not solved</th>
</tr>
</thead>
</table>

### Method

- Transabdominal sagittal scanning
- Line from superior edge of the symphysis perpendicular to line through the symphysis → portion of fetal head above pelvic inlet can be measured
- Measurement can be translated to vaginal station

### Summary

- New method for transabdominal assessment of fetal station
- Low clinical threshold
- Fills a diagnostic white spot → safer operative vaginal deliveries