EP36.08 Exo-anal imaging of the anal sphincter: a comparison between introital and transperineal image acquisition

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Methods
Three ultrasound volumes of the anal sphincter were acquired in 20 selected women. Two independent sonographers rated the quality of imaging and assessed the sphincteric measurements. Intra- and interrater agreement were assessed by Intraclass Correlation Coefficient (ICC) and Cohen’s Kappa (K).

Results

<table>
<thead>
<tr>
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<th>Method 1</th>
<th>Method 2</th>
<th>Method 3</th>
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</thead>
<tbody>
<tr>
<td>Quality of imaging</td>
<td>good</td>
<td>good</td>
<td>average</td>
</tr>
<tr>
<td>Interrater reliability of measurements</td>
<td>fair to good</td>
<td>poor</td>
<td>fair</td>
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Conclusion
Transperineal acquisition with a convex probe performed better than introital acquisition with a transvaginal probe.

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