Introduction

- Management of SUI is based on assessment of anterior descent (hypermobility) often on videourodynamics (VUDS)
- MRI defecating proctography (MRI-DP) is gaining popularity in assessing patients with significant pelvic floor dysfunction, but has not been used for (recurrent) SUI assessment.
- We compared bladder neck descent observed on these two modalities.

MRI-DP assessment

Pubococcygeal line (PCL): level of pelvic floor

Normal position of:
- Bladder base (black arrow)
- Vaginal vault (white arrow)
- Anorectal junction (star)

MRI-DP anterior descent assessed by bladder neck position relative to pubococcygeal line

Results

- No correlation between bladder neck descent on VUDS and MRI-DP

Conclusion

- First ever description of MRI proctography to assess descent in recurrent SUI
- Poor correlation with Blaivas-Olsson classification
- May be useful to guide further intervention in SUI patients.
- But further investigation needed to establish additional utility over VUDS