

Concluding message

We found no association between defects observed on tomographic ultrasound below the plane of minimal hiatal dimensions and indices of increased hiatal area on Vaslalva or bladder neck descent on Valsalva. This implies that defects observed below this plane are either irrelevant for pelvic organ support or artefactual. The latter may be due to the fact that the reference plane used by us is Euclidean, i.e., flat, while the true hiatal plane may be non- Euclidean, i.e., warped. We propose to ignore imaging information obtained below the plane of minimal hiatal dimensions when diagnosing avulsion injury of the puborectalis muscle.

References

1. Ultrasound Obstet Gynecol 2005; 25: 580-585
2. Ultrasound Obstet Gynecol 2007; 29: 329- 334
3. Ultrasound Obstet Gynecol 2008; 31: 201-205

<i>Specify source of funding or grant</i>	Betty Byrne Henderson Foundation, Brisbane, Queensland
<i>Is this a clinical trial?</i>	No
<i>What were the subjects in the study?</i>	HUMAN
<i>Was this study approved by an ethics committee?</i>	Yes
<i>Specify Name of Ethics Committee</i>	Sydney West Area HREC
<i>Was the Declaration of Helsinki followed?</i>	Yes
<i>Was informed consent obtained from the patients?</i>	Yes