**Introduction**

Endometriosis is a common gynaecological condition affecting 10% of all reproductive aged women. For many women, diagnosis is delayed, leading to inappropriate therapy and increased morbidity. We propose that an anteverted, retroflexed uterus is related to the presence of significant endometriosis and such a finding should prompt the medical staff to tailor future investigations and therapy to confirm and treat endometriosis.

**Method**

We completed a retrospective cohort analysis of all women who underwent surgery with the Endoscopy Team at King Edward Memorial Hospital during the 2017 calendar year. Each file was reviewed to document the pre operative ultrasound findings regarding uterine lie and the presence and subsequent staging of endometriosis at laparoscopy based on the American Society for Reproductive Medicine (ASRM) scoring system.

**Findings**

In total, 265 women were identified. Of those, there was complete data available 150 women.

In the women who had had an ultrasound, only 14 had an anteverted, retroflexed uterus. In this group, 9 women had endometriosis documented at laparoscopy (64%), with 6 (67%) meeting a criteria of ASRM Stage 3 or 4.

In comparison, only 40% of women with alternate uterine lies had endometriosis found at laparoscopy, with the percentage of those having Stage 3 or 4 disease ranging from 28% (anteverted, anteflexed) to 50% (axial uterus).

**Conclusion**

The anteverted, retroflexed uterus is found more commonly in women with endometriosis, and if seen, should prompt the imaging team to identify other ultrasound features of endometriosis.
Total number of patients who underwent surgery (265)

- No ultrasound or previous hysterectomy (115)
  - Anteverted Anteflexed 108 (72%)
    - Endometriosis at laparoscopy 43 (40%)
      - Stage 3 or 4 18 (42%)
  - Anteverted Retroflexed 14 (9%)
    - Endometriosis at laparoscopy 9 (64%)
      - Stage 3 or 4 6 (67%)
  - Axial 10 (7%)
  - Retroverted Retroflexed 17 (11%)
    - Endometriosis at laparoscopy 7 (41%)
      - Stage 3 or 4 2 (50%)
  - Retroverted Anteflexed 1 (<1%)
    - Endometriosis at laparoscopy 0

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