

Hysteroscopic management of abnormal uterine bleeding in virgins with hymen preservation

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Objectives

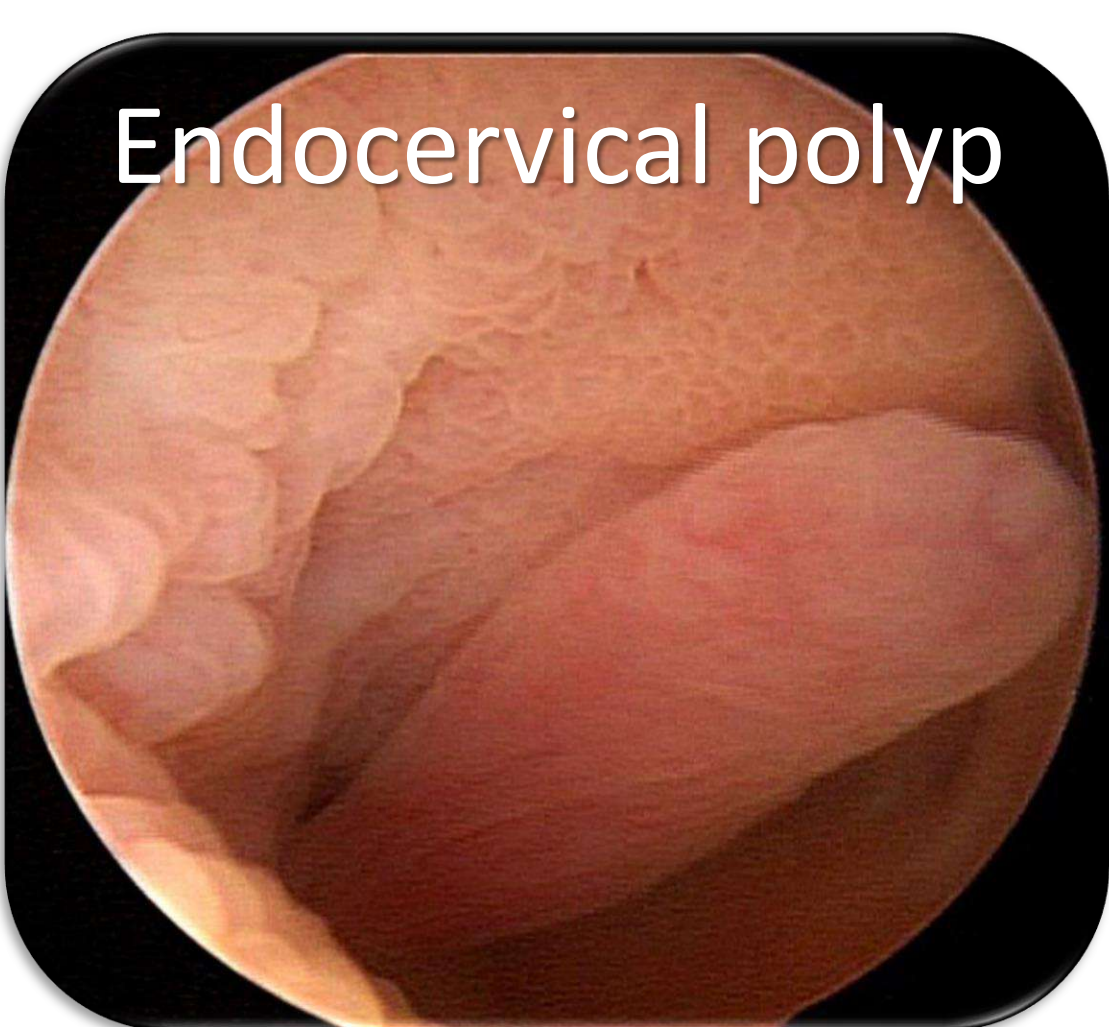
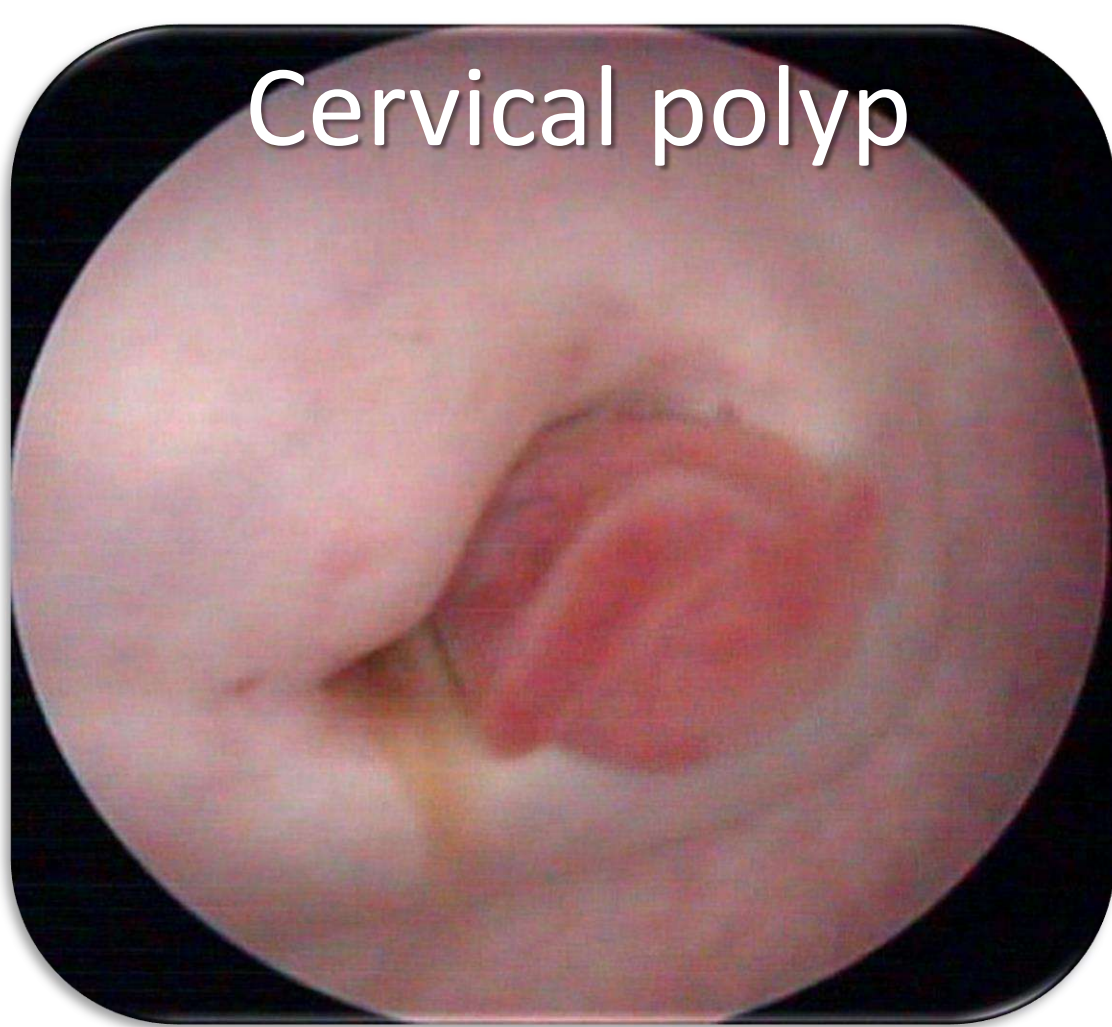
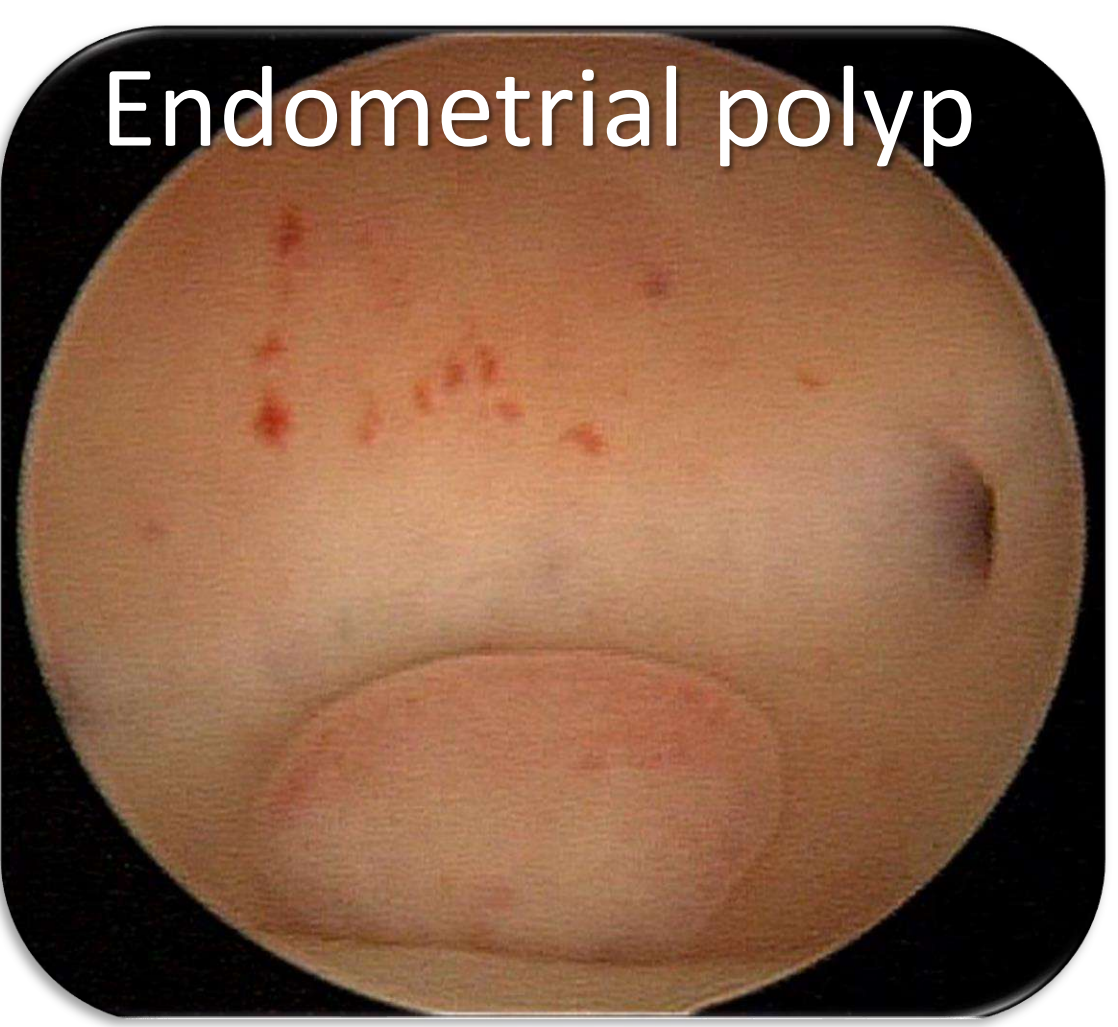
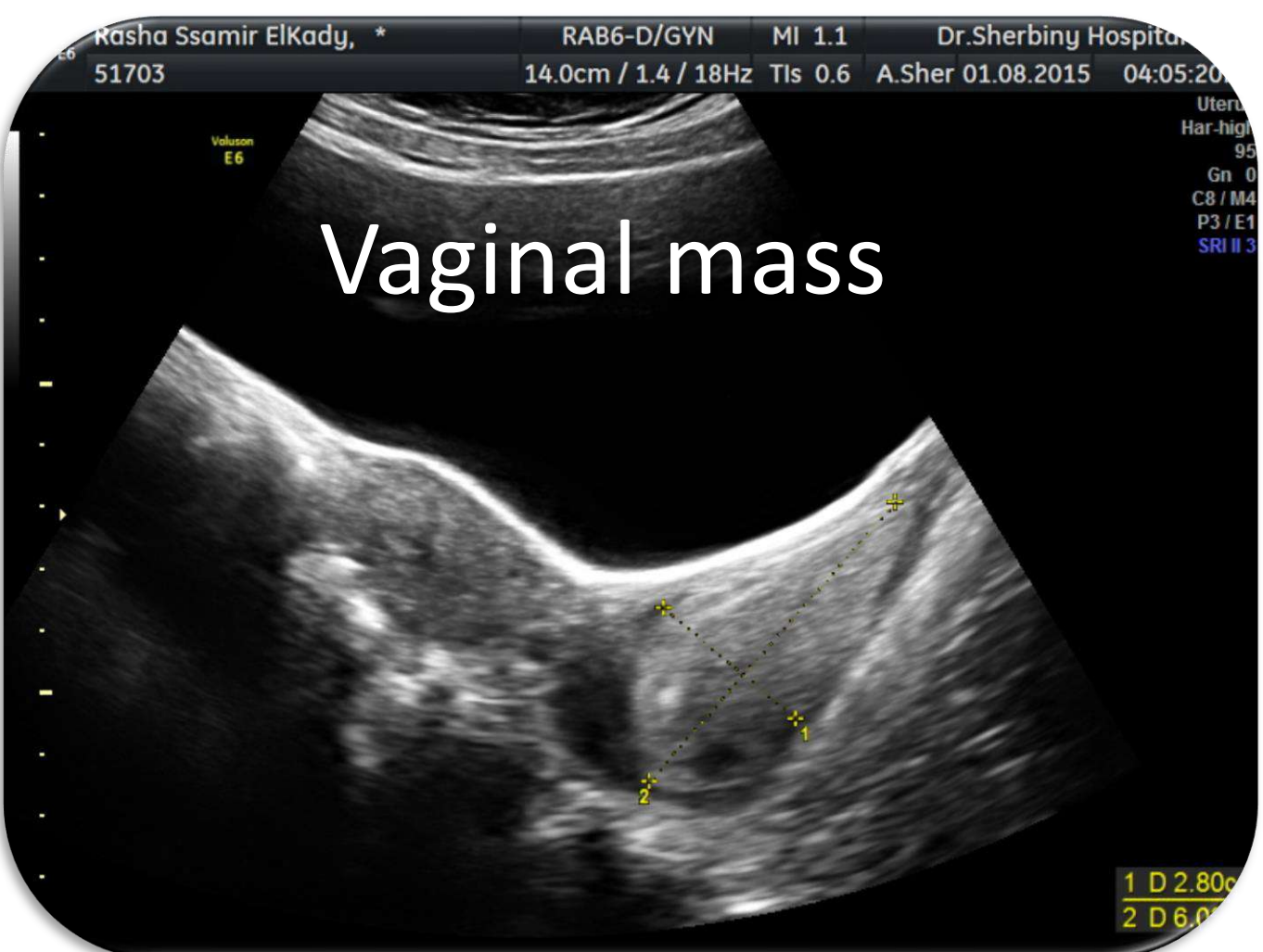
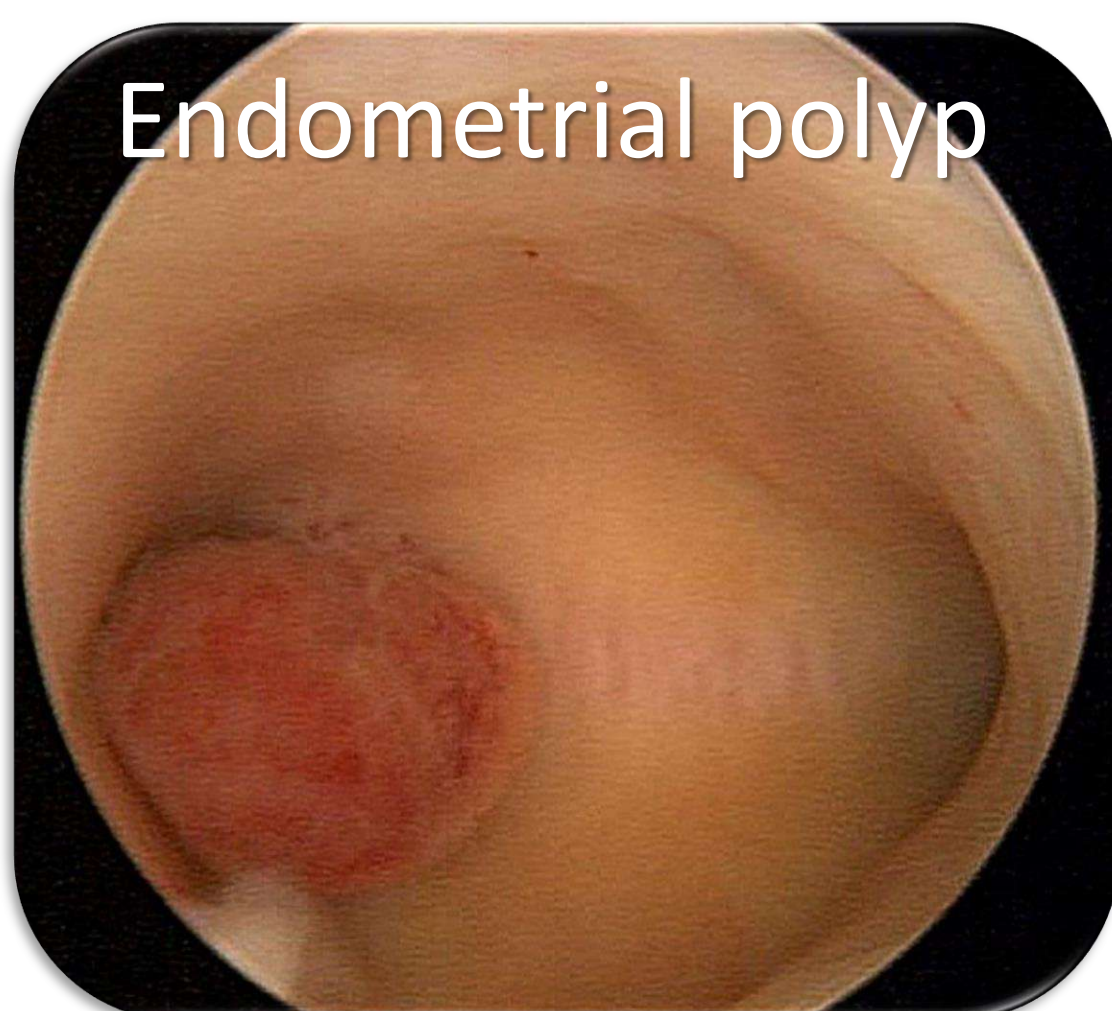
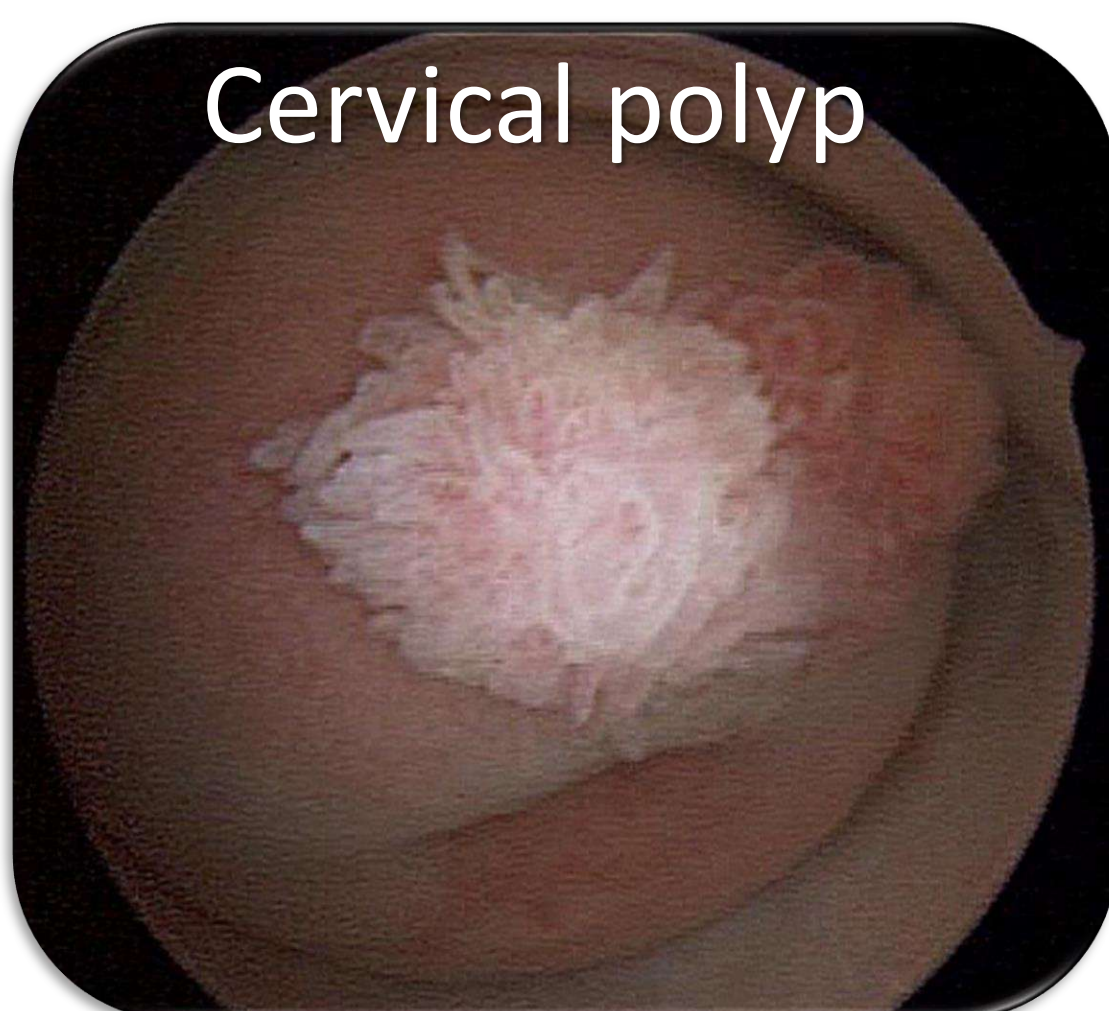
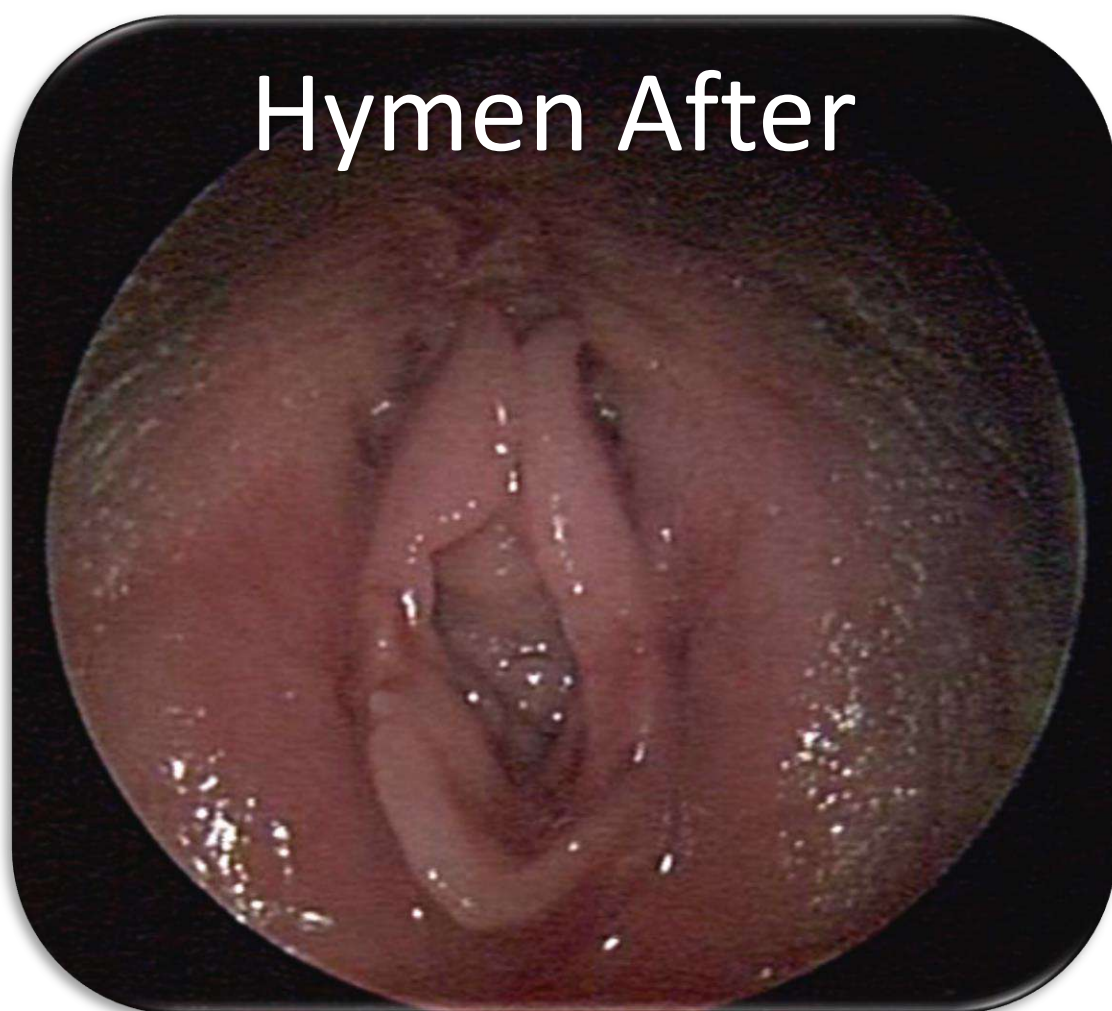
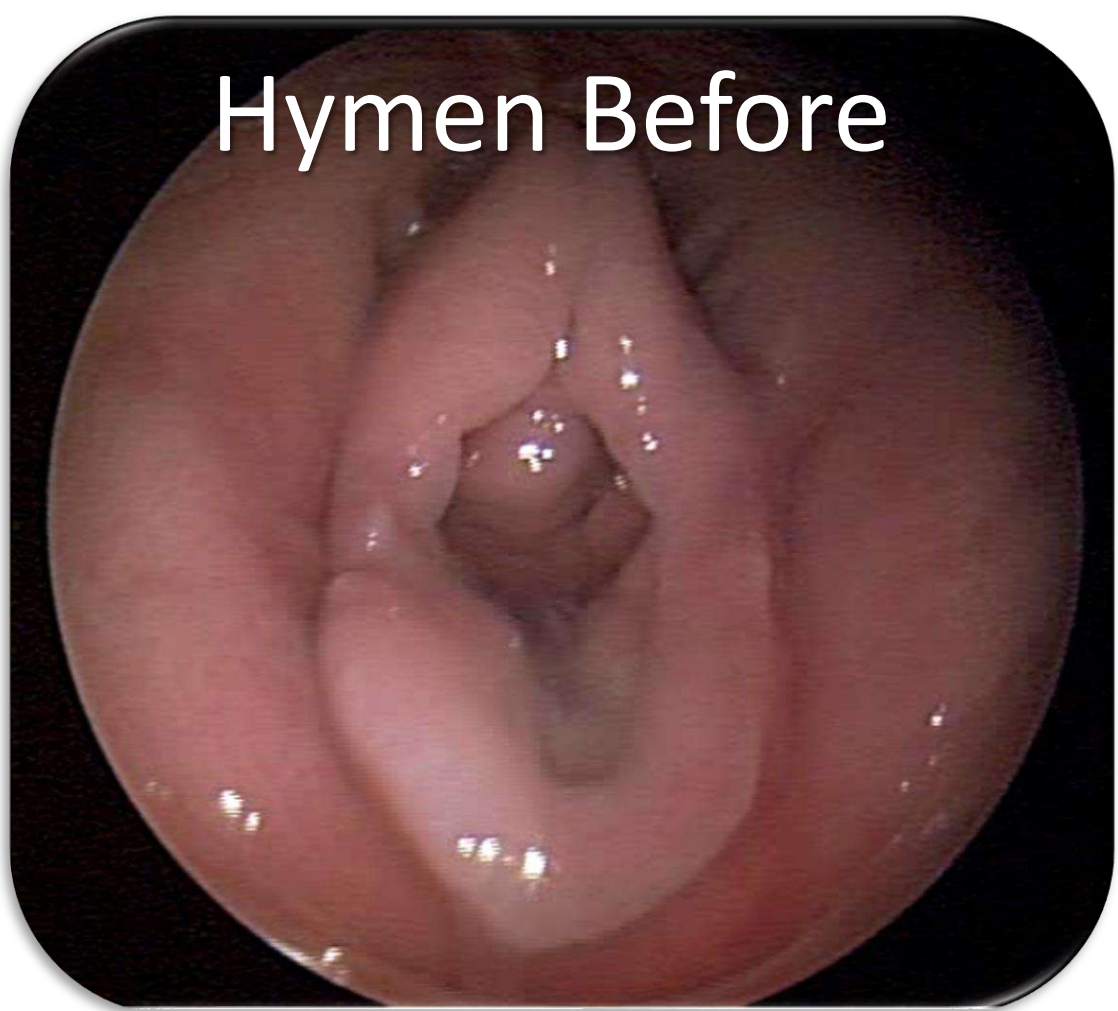
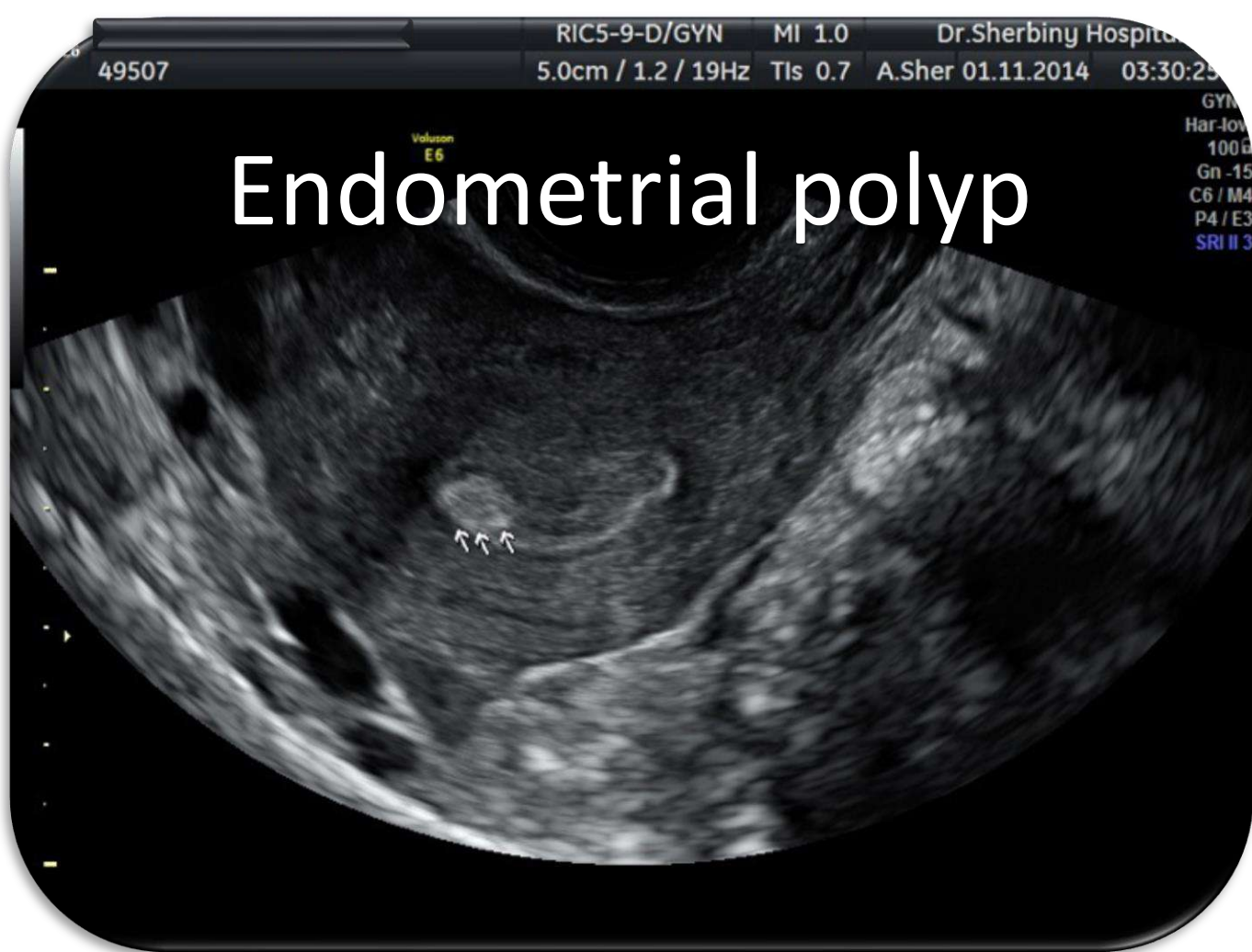
To assess the value of office hysteroscope in diagnosis and management of abnormal uterine bleeding in virgins with keeping the hymen intact without tears.

Introduction

Abnormal uterine bleeding (AUB) is a common disease which can lead to several health, psychiatric and social problems especially in virgins. The use of office hysteroscope is beneficial for such patients to save the integrity of the hymen and to manage the organic lesion either vaginal, cervical or uterine

Methods

- Fifty three virgin cases complaining of persistent AUB not responding to medical or rational hormonal treatment were recruited.
- Postmenstrual transabdominal and trans-rectal sonography revealed 12 patients with no organic lesions, 36 patients had cavitary polyps, 4 had cervical polyps and one case with a mass occupying the vagina
- Mean age was 31.5 years
- Mean endometrial thickness was 9.8 mm
- Mean BMI of the patients was 33.2 kg/m2
- All cases underwent diagnostic office vaginoscopy and hysteroscopy.
- Patients with no organic lesions, only endometrial biopsy was done using 5-Fr cold biopsy grasper while all polyps were removed using 5-Fr cold scissors.
- Histopathology examination was done for all specimens.



RESULTS

- Hymen was intact in all cases.
- All the patients were discharged within 24 hours with minimal bleeding which stopped within 10 post-operative days.
- Post-operative pain was treated by oral analgesics. Histopathology examination revealed:
 - 12 cases with endometrial hyperplasia with no atypia.
 - 5 cases having normal proliferative endometrium
 - 35 Polyps were all benign.
 - Only one case revealed moderately differentiated endometrial carcinoma (Villo-glandular type)

CONCLUSIONS

- Office hysteroscope is an excellent modality for diagnosis and treatment of organic causes of AUB in virgins with hymen preservation.