

P064

Septate uterus with partial longitudinal vaginal septum diagnosis by combined use of sonography, MR imaging and laparoscopy

Chung-Chang Shen, Te-Yao Hsu, Fu-Jen Huang, Cheng-Chung Liu*, and Shih-Young Chang

Department of Obstetrics and Gynecology, and Department of Diagnostic Radiology*,

Chang Gung Memorial Hospital, Kaohsiung, Taiwan

INTRODUCTION: To evaluate the accuracy of magnetic resonance imaging in assessment of adolescent patients with complex Mullerian anomalies and its contribution towards operative management.

CASE REPORT: A nulligravida was found to have a septate uterus and a vagina with partial longitudinal vaginal septum. The anomaly presented symptomatically, was suggested by clinical examination, and confirmed by gynecologic ultrasound, magnetic resonance imaging and laparoscopic visualization.

RESULT(S): The MRI and physical examination firmly established the diagnosis. The patient was counseled and managed conservatively at first.

CONCLUSION(S): The MRI scan is helpful in evaluation and differentiation diagnosis of the mullerian defects. It can provide better demonstration of genital anomaly than is possible with conventional imaging techniques antenatally.