



GU

SY09-2

## **MR Screening and Monitoring for Leiomyoma and Adenomyosis: Updates**

**Jungjae Park**

Chungnam National University Hospital, Korea

MRI is an important imaging tool for diagnosis and monitoring of uterine leiomyomas and adenomyosis, providing high-resolution images. MRI offers anatomical and functional images for assessing size, location, inner characterization for them. For uterine leiomyomas, MRI based characterization is crucial for treatment plan and also for evaluating therapeutic response after specific treatment. MRI is also useful for determining coexisting conditions of adenomyosis in patients with myomas, because it may influence on the patient's prognosis. Differentiating between various types and identifying the subtype is helpful for determining treatment plan and monitoring the treatment response of uterine adenomyosis. The MRI features of adenomyosis include a thickened and ambiguous junctional zone and the presence of T2-bright foci within myometrium, which represent endometrial glands.

*Keywords: Leiomyoma, Adenomyosis, MRI, Diagnosis, Monitoring*