

Present status of OB/GYN cancer treatment and the role of imaging

Thursday, 4 September 2014 16:45 (25 minutes)

Improvement in treatment for gynecological carcinoma makes it possible to offer optimal and personalized treatment. Pretreatment staging is crucial to plan the best treatment strategy. Gynecological cancer staging is based on clinical examination and histological findings. However, many diagnostic methods are entered into clinical practice. Between the more sophisticated imaging techniques, magnetic resonance imaging and computed tomography are considered the optimal methods in staging uterine and ovarian carcinoma, due to the high accuracy in the assessment of local extension of the disease and distant metastases. Ultrasound has gained increased attention in recent years: it is faster, cheaper and more widely available than other imaging techniques and high accuracy in detecting tumour presence as well as in evaluating the local extension of the disease has been reported. Both magnetic resonance imaging/ computed tomography and ultrasound are often used together, in order to achieve the assessment of the whole body, a more accurate detection of pathological lymph nodes and metabolic information of the disease.

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Session Classification: Combined prostate/OB/GYN and endoscopic session