Increased FDG uptake
In the ovary

Premenopausal patient without known gynecologic malignant
mean SUV=5.7 ± 1.5
(range 3.8-8.2)

Ovarian cancer
mean SUV=9.1±4
(range 4.5-15.6)

Around ovulatory phase
between the 10th and 25th days of the menstrual cycle

Oligomenorrhea

Endometrial cyst

Figure 1