

osseous metaplasia 1

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=Abstract=

A case of endometrial osseous metaplasia of a referred endometrial cancer patient

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Endometrial osseous metaplasia is a rare condition. The etiology and pathogenesis remain controversial. In most cases, the development of this condition is observed to be related to the history of abortion, either spontaneous or therapeutic and also, frequently associated with menstrual irregularity and endometritis. Patients usually present with secondary amenorrhea, irregular menstruation, pain, and dysmenorrhea. The authors recently experienced a case of endometrial osseous metaplasia of a referred endometrial cancer patient who had no history of abortion at all. We report this case with a brief review of the literature.

Key Words : osseous metaplasia, endometrial cancer

I.

Endometrial osseous metaplasia : , 27
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: 14 , 4
6 , 20
7
:
: Gravida 0, para 0, abortion 0
: 22 (Diamicron)
endometrial osseous me- ,
taplasia 1 . 96

가 : 가 ,
: 96 12 2 7

adenocarcinoma

: 12.2 g/dl,
Hct. 37.5 %, 6146/mm³ , 9
mg/dl, Alkaline phosphatase 135 U/L, 3.4
mg/dl , 192 mg/dl, 4+
가
: MRI endometrial cavity
junc-
tional zone

Fig 1. Endometrioid adenocarcinoma, nuclear grade 2, architectural grade 1 showing confluent glands lined by stratified cells with relatively uniform cells. (Hematoxylin & Eosin stain, x200)

adenocarcinoma, nuclear grade 2, architectural grade 1 with squamous differentiation (adenoacanthoma) (Fig 1.) complex hyperplasia with atypia osseous metaplasia (Fig 2.)

Fig 2. Endometrioid adenocarcinoma showing focus of benign osseous metaplasia within the stroma. Several such foci were noted. (Hematoxylin & Eosin stain, x200)

radical-superoxide dismutase system5), 6), 2

78)

2

Endometrial osseous metaplasia

1 3

1),

multi-

potential stromal cell metaplastic change23),

endometrial osseous metaplasia

4),

49,10.

endogenous

superoxide

endometrial metaplasia

endochondral ossification

911).
 mixed mesodermal tumor
 89,12).
 가 3,13),
 가 3),
 3).
 , 9,11,14), 1
 가 14,15).

가 가 ,
 가 가
 ultrasound-guided hystero-
 scopy가 1),
 resectoscope
 3,14,15).
 9,16),
 3).
 endometrial osseous metaplasia

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