

우심방에서 발견된 정맥내 평활근종 1예

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A Case of Intravenous Leiomyomatosis Extending into the Right Atrium

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ABSTRACT

Intravenous leiomyomatosis is a rare entity of benign smooth muscle invading into the lumen of veins. We describe a case of intracardiac leiomyomatosis originating from the right gonadal vein, growing in the inferior vena cava, and extending into the right atrium. A 54 years old woman presented with chest discomfort and syncope four years after the removal of an uterine leiomyoma. The tumor was successfully removed in a two-staged operation using total circulatory arrest with a cardiopulmonary bypass, which proved to be a histologically benign leiomyoma. Although these tumors are histologically benign, they sometimes extend into the cardiac cavity and can cause sudden death due to their incarceration into the atrioventricular orifice. We report this rare case with a review of the literature. (Korean Circulation J 2002;32(9):825-828)

KEY WORDS : Leiomyomatosis ; Heart atrium.

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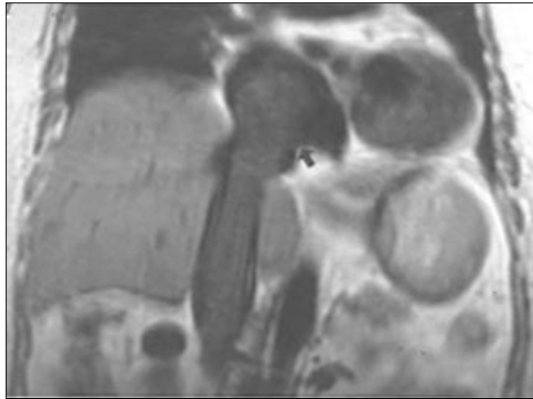


Fig. 3. Coronal T1-weighted MR image (repetition time/echo time = 737/14) shows a tubular shaped soft tissue mass along inferior vena cava and right atrium.

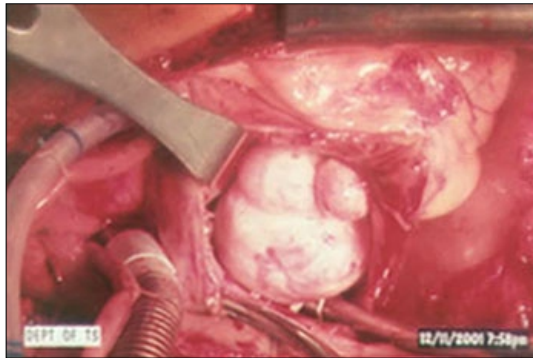


Fig. 4. Intra-operative finding shows the white, elastic, hard mass occupying the right atrium.

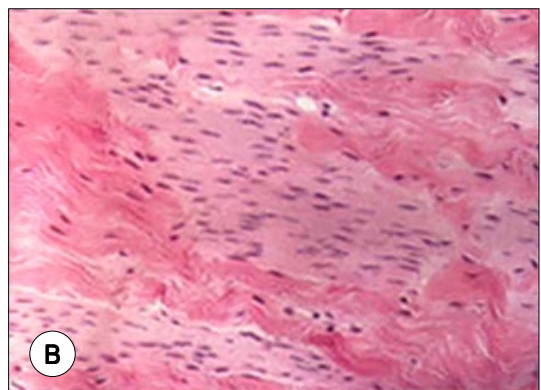


Fig. 5. The appearance of the resected cardiac tumor. A : gross appearance of tumor shows white, elastic hard tumor. B : histologic examination revealed a cellular tumor composed of uniform elongated cells arranged in an interlacing pattern and intermingled with rich collagen bundles without signs of malignancy (H & E, $\times 200$).

(Fig. 1).

3 × 4 cm

(Fig. 2).

2.3 cm,

4.6 cm

(Fig. 3).

가

(Fig. 4).

(Fig. 5). 1

고 찰

(intravenous leiomyomatosis)

가

²⁾

1896 Birch - Hirschfeld

150 가

⁶⁾⁷⁾

1907

40~50 가

⁶⁾

가 가

가

5)
4 가 ,

2 (two staged opera-
tion)
4 가
4 가
가
(vascular seeding) 가
(iliac vein),

가
1 가 2
가 1)⁴⁾
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가
anti - sex 가
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15
4
, 2
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요 약

중심 단어 : ;

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