

좌심실 유출로 폐쇄를 동반한 비후성 심근증 환자에서 두심방 심박조율을 통한 치료 1예

최유식 · 한성식 · 권나영 · 박태진 · 이무용 · 김영권 · 이명용

A Case of Dual-Chamber Pacing Treatment in a Patient with Hypertrophic Cardiomyopathy with Left Ventricular Outflow Tract Obstruction

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ABSTRACT

The management of symptomatic patients with hypertrophic Cardiomyopathy has generally included the use of beta-blockers and calcium channel blockers. Surgical treatment has been attempted for operable patients who have become refractory to medical therapy. However, associated complications, high mortality rate, and high recurrence of symptoms have shifted the treatment focus toward alternative therapy modalities. Recently, a DDD type pacemaker has been introduced as an alternative treatment option. We report a case of a patient with hypertrophic cardiomyopathy treated with dual-chamber pacing. (**Korean Circulation J 2002;32(2):170-173**)

KEY WORDS : Cardiomyopathy, hypertrophic ; Cardiac pacemaker, artificial.

서 론

(hypertrophic cardiomyopathy)

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¹⁾

²⁾

증 례

³⁾

(dual ch -

: , 31 .

amber pacing)

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가 : .

: 가 .
:
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:
:
76%
21, 8.6 mm (70 msec 10 msec 가
/ =2.04)
:
mmHg, 37.5 mmHg
:
Grade II 가
94 mmHg
:
(A - V sequential pacing)
90 msec

Table 1. PG Change by pace maker in hypertrophic cardiomyopathy patient (1997. 5. 31)

AV delay	Peak PG	Mean PG
70 (ms)	67.6 (mmHg)	43.6 (mmHg)
80 (ms)	58.7 (mmHg)	32.4 (mmHg)
90 (ms)	47.3 (mmHg)	31.2 (mmHg)
110 (ms)	72.6 (mmHg)	41.7 (mmHg)
130 (ms)	85.7 (mmHg)	38.5 (mmHg)
No pacing	94 (mmHg)	

AV : atrioventricular, PG : pressure gradient

Table 2. PG Change by pace maker in hypertrophic cardiomyopathy patient (2000. 12. 22)

AV delay	Peak PG	Mean PG
70 (ms)	51.3 (mmHg)	35.1 (mmHg)
80 (ms)	49.8 (mmHg)	27.4 (mmHg)
90 (ms)	49.8 (mmHg)	25.2 (mmHg)
100 (ms)	52.7 (mmHg)	32.9 (mmHg)
120 (ms)	49.8 (mmHg)	27.0 (mmHg)
130 (ms)	55.7 (mmHg)	34.7 (mmHg)

AV : atrioventricular, PG : pressure gradient

49.2 mmHg), DDD

: 5 DDD
. AV delay 90 ms 가
47.8 mmHg, 가 36.9 mmHg 가
(Table 1).

70 msec 10 msec 가

가 가
(Table 2).

고 찰

¹⁾
(asymmetric septal hypertr -
ophy : ASH)
가 1.3 1.5 가

가 (systolic anterior mov -
ement : SAM)

가
가 가 , 15%

, ,
⁵⁻⁸⁾
⁹⁾

¹⁰⁾
가
가 . Hassenstein

11)
Atrial sy -
nchronized right ventricular pacing ¹²⁻¹⁵⁾

(paradoxical motion)

SAM¹²⁾

가 가

DDD

가

가 (mass)¹²⁾¹⁸⁾¹⁹⁾

가

desynchronization

(biventricular pacing)

synchr -

onization

가

가 90 mmHg

50 mmHg

가

가

6 가

가

4

요 약

DDD

50%

중심 단어 :

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