

경요골동맥중재술시 발생한 스텐트탈락의 제거 : 8 Fr 유도초와 Forcep을 이용한 새로운 방법

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Removal of Dislodged Stent by Using 8 Fr Sheath and Forcep during Transradial Coronary Stenting

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ABSTRACT

Stent dislodgement or migration is not a rare complication. Its incidence varies from 1.4% to 8% of the cases. When stent migration occurs, the usual treatment or management is to implant stent in the distal peripheral artery or proximal coronary artery. But, probably the best treatment is safe retrieval of the dislodged stent. During the transfemoral coronary intervention, undeployed stent can be more easily retrieved into the guiding catheter with relatively larger guiding catheter luminal space. Also, larger sheath can be changed more easily when the retrieval of stent is difficult. In the transradial coronary stenting, usual size of guiding catheter is 6 Fr, makes it difficult to retrieve relatively bulky stent when deployment of stent fails. We report 2 cases of stent dislodgment during transradial coronary stenting which can be successfully removed by using myocardial biopsy forcep through 8 Fr sheath. These combination could be one of the valuable methods, especially during transradial stenting. (**Korean Circulation J 2000;30(10):1312-1315**)

KEY WORDS : Stent dislodgement · Retrieval · Transradial stenting.

서 론

8% .¹⁻⁴⁾ Kimeneij ⁵⁾

가

(dislodgement) (migration)

1.4 가

(7 8 Fr)

: 2000 4 25

: 2000 9 25

: , 602 - 715 3가 1 가

: (051) 240 - 2976 · : (051) 242 - 1449 (10 13 Fr)

E - mail : kmh60@damc.dauhosp.or.kr 6 Fr

file 가 가 pro -
2
8 Fr (shea -
th) flexible myocardial biopsy forcep

중 레

중 레 1 :
62

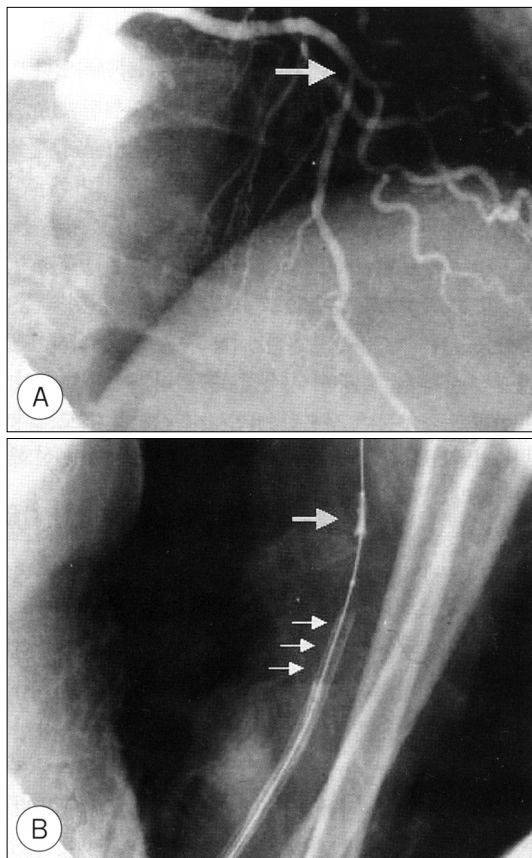


Fig. 1. AP cranial view of the case 1. A : mid-LAD angulated lesion. B : Damaged stent was retrieved (large arrow) through the 8 Fr sheath (small arrows) via radial artery.

lium SPECT ST 가 . Thal -
80%
(ACC/AHA classification, Type B2,

Fig. 1A).

Judkins left type 4 (Scimed/Boston Scientific, Galway, Ireland) 2.5 × 20 mm

Viva balloon (Scimed/Boston Scientific, Galway, Ireland) 8 40
50%

Crossflex 3.0 × 15 mm (Cordis, Miami, FL) (angula -

ted) 가 가
가 가
(migration)

6 Fr 8 Fr 8 Fr Am -
platz "goose neck" snare (Microvena Co., MN)
fle -
xible myocardial biopsy forcep (3.0 Fr, Cook, Bloomington, IN)



Fig. 2. Stent retrieval via retrograde brachial 8 Fr sheath (small arrows) in Case 2. Stent pinched forcep is visible (large arrow). Radial 6 Fr sheath is also noted in the radial side (black arrow).

(Fig. 1B).

고 찰

1

증 례 2 :

61 가

(40 pack.year)

(V4 6) ST

3

(

1

. 6Fr

JL4

(Cordis Britetip, Miami,

FL)

2.5×20 mm

(Scimed/Boston Sc-

ientific, Galway, Ireland)

6

40%

Crossflex 3.0×15 mm

(Cordis, Miami, FL)

1

가

가

가

1.5×20 mm Bandit

(Scimed/Boston Scientific, Galway, Ireland)

profile

가

가

가

가

8-10)가

가

2

Crossflex stent가 6 Fr

6 Fr

8 Fr

3.0 Fr

forcep

2

Bogart and Jung ⁶⁾ 2

snare

Kimeneij ⁷⁾

snare

1 snare

2

snare ¹⁾⁶⁾⁸⁾

technique ¹⁰⁾

, ⁹⁾ double wire

1 2가

8 Fr

. 8 Fr

0.018

3.0

Fr forcep

(Fig. 2).

2

가

(11 14 Fr)

snare forcep

가 가

8 Fr가

가

2

8 9 Fr가

가
Fr forcep

가
가
11) 가

(predilatation)
profile (good tractability)
12)
6 Fr
(deep seating technique)
13)14)
6 Fr
가
가
가
가
2
Kimeneij가 snare
결 론
2 8 Fr forcep

중심 단어 :

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