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= Abstract =

**Aorto-Innominate Venous Fistula after Percutaneous Kirschner wire
fixation of the Sternoclavicular Joint Anterior Dislocation**
- A case report -

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Kirschner wire fixation in sternoclavicular dislocation poses a considerable risk of serious early or late complications.

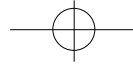
We report a case of Kirschner wire penetration into the innominate vein and aorta, which caused aortovenous fistula and congestive heart failure.

Key Words Sternoclavicular Joint, Percutaneous Kirschner wire fixation, Pin migration

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69-7 (791-100)

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90/50mmHg, 82/ , 22/ , 36.5

continuous maschinary murmur가

4

가

가

(Fig 1),
(grade IV)

2 6

28/19/23mmHg

가

81%

61

6

6

thrill

1.0cm x 1.0cm



Fig 1. Chest radiograph of 6 weeks after Kirschner wire removal operation shows increased pulmonary vascular marking and cardiomegaly.



Fig 2. Immediate postoperative radiograph shows fixation of the right sternoclavicular joint by two Kirschner wires. The lower poles of the Kirschner wires penetrated the innominate vein and aorta.

[illegible]



Markkula¹⁰⁾

Kremens Glauser⁶⁾

Grabski⁵⁾

Norrell¹¹⁾

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Smolle-Juettner¹⁵⁾ Clark²⁾

10)

14)

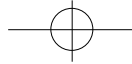
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