

■ ■ ■ ■ ■

•

143

20 .

6 , 14
35 90

58.7 .

가 . 12 24 16.8 .

가 16 , 가 2 ,

가 2 ,

fixed angle blade plate, , gamma titanium alloy stainless steel , 240 mm, 17 mm, 10, 11, 12 mm 11 mm, 6.5 mm, 125, 130, 135 10 mm, 130 .

bending moment가 , 가 , 가

가 .

gamma ,

lever arm 5 cm 17 mm

가 5 cm awl 17 mm

6,18) .

gamma .

8~15% .

1% gamma 1,13) .

가 .

20 .

side standing walker 2~3 bed

가 .

2000 12 2001 12

,

가 , , 10% ,
. 4).
3.8 , 가 . Kyle¹²⁾
가 150 가 가
20.9 20 ,
130.2 128.8 ,
130
. 4.1 mm .
가 2,5,6,15,16),
1 , 가 2
, 가 1
2 ,
1 .
가 .
. Koval^{9,10)}
1
가 , 가
가
Kim⁷⁾
12). ,
, gamma , Park¹⁷⁾
6 가
가 ,
, 가 ,
3,14). gamma 가
, 11,15).
gamma 가

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Abstract**The Result of Proximal Femoral Nailing (PFN®) for Unstable Femoral Peritrochanteric Fracture**

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Purpose: We have used the proximal femoral nailing (PFN®) to evaluate the result of treatment for unstable femoral peritrochanteric fractures.

Materials and Methods: From December 2000 to December 2001, 20 patients who had femoral peritrochanteric fracture were treated with proximal femoral nail (PFN®) in our hospital. The mean duration of follow-up was 16.8 months and average age was 58.7 years old. We evaluated the ambulation time, bone union time, neck-shaft angle, neck screw sliding by follow-up radiography, and studied the intra-operative and post-operative complication.

Results: The average ambulation time was 3.8 days, the mean bone union time was 20.9 weeks, the mean neck shaft angle was 130.2 degree at post-operative time and 128.8 degree at last follow-up time, and the average neck screw sliding distance was 4.1 mm. The intra-operative complication was rotation of proximal fracture fragment in 1 case and displacement of femoral greater trochanter in 2 cases at proximal reaming, and displacement of proximal fracture fragment in 1 case at femoral stem insertion. The post-operative complication was coxa vara deformity in 2 cases and superficial wound infection in 1 case.

Conclusion: We have conclude that the proximal femoral nail (PFN®) could appropriately treat the unstable femoral peritrochanteric fracture and we obtained satisfactory results.

Key Words: Femur, Peritrochanteric fracture, Proximal femoral nail (PFN®)

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