

## Arthroscopic Treatment of Acetabular Labral Tears - 2-7 Years Follow Up -

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### Introduction

To compare the treatment effect between patients performed arthroscopic partial labrectomy (Group I) and conservative managed patients (Group II), which were diagnosed to acetabular labral tear for hip pain.

### Material and Methods

We studied 45 cases (Group I) who were managed with hip arthroscopic treatment and 21 cases (Group II) with conservative treatment among the patients diagnosed as acetabular labral tear from March,1995 to June,2001. All cases have achieved mean 49 months (28 to 84 months) follow-up. We examined and compared limping degree (normal;1, mild;2, moderate;3, severe;4, not able to walk;5), JOA pain score (intermittent or continuous severe;0, intermittent mild or rare severe;1, rare mild; 2, no pain; 3) and an individual satisfaction (excellent, good, fair, poor) in two group.

### Result

The mean age of 66 patients was 41 years, and male: female was 29: 37. Mean duration of pain was 10.9 month, and most common cause of tears was degenerative, and then traumatic. Limping score was 2.18 in group I and 1.81 in group II initially, but 1.39 in group I and 1.52 in group II at last follow-up. JOA pain score was 0.67 (initial), 2.23 (post operation) and 2.03 (last follow-up in group I, and 1.45 (initial), 1.58 (last follow-up) in group II. About individual satisfaction, group I showed 85% excellent and good, but group II did 29% satisfaction and 71% fair or poor. 6 numbness by pudendal neuralgia appeared after operation, but all symptoms were disappeared during follow-up.

### Conclusion

In group I, Arthroscopic treatment showed satisfactory results of limping, pain and individual satisfaction. In group II, Conservative treatment did not show effective results. In the event, hip arthroscopic treatment was an effective method for acetabular labral tear, when it was achieved a mid-term follow-up

**Key word:** Acetabular labral tear, Arthroscopic treatment, 2~7 years follow up