

## Operative Treatment for Jone's Fracture of Professional Soccer Players

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### Introduction

Fourteen feet of professional soccer players with Jone's fracture underwent open reduction and internal fixation with bone graft.

### Material and Methods

The patients were evaluated at a mean of 2 years and 10 months after surgery by clinical examination, subjective patient opinion, mean period until returning to sports and radiography. The operating procedures included open reduction, internal fixation, resection of bone around the fracture site, and bone graft.

### Result

It took an average of 2.8 months to accomplish bone union and 4.5 months to return to previous level of sports. There was no case of delayed union or non-union. At the final follow-up, there was no recurrence and they all could continue to play in the professional league.

### Conclusion

This study demonstrates that open reduction and internal fixation with wide curettage and bone grafting can successfully treat Jone's fracture in high-demand athletes.

**Key word:** Jone's fracture Surgical treatment, Professional soccer player