Accepted Manuscript

Title: Unstable Fragility Fractures of the Ankle in the Elderly; Transarticular Steinmann Pin or External Fixation

Authors: R.P.J. Meijer, J.A. Halm, T. Schepers



PII:	S0958-2592(17)30079-2
DOI:	http://dx.doi.org/doi:10.1016/j.foot.2017.04.007
Reference:	YFOOT 1477
To appear in:	The Foot
Received date:	19-7-2015
Revised date:	25-4-2017
Accepted date:	26-4-2017

Please cite this article as: Meijer RPJ, Halm JA, Schepers T.Unstable Fragility Fractures of the Ankle in the Elderly; Transarticular Steinmann Pin or External Fixation.*The Foot* http://dx.doi.org/10.1016/j.foot.2017.04.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Unstable Fragility Fractures of the Ankle in the Elderly; Transarticular Steinmann Pin or External Fixation

- R.P.J. Meijer ¹ MSc rubenmeijer1990@gmail.com J.A. Halm¹ MD PhD j.halm@rdgg.nl
- T. Schepers² MD PhD t.schepers@amc.nl

¹ Department of Surgery and Traumatology, Reinier de Graaf Hospital, Reinier de Graafweg 3-11, 2625 AD, Delft,

The Netherlands

² Trauma Unit, Academic Medical Center, Meibergdreef 9, 1105 AZ, Amsterdam, The Netherlands

Corresponding Author

R.P.J. Meijer, MSc. rubenmeijer1990@gmail.com

Reinier de Graaf Hospital Delft Department of Surgery and Traumatology

Reinier de Graafweg 3-11, 2625 AD, Delft, The Netherlands

<u>Highlights</u>

- Treatment of ankle fractures in the elderly poses unique challenges
- There is no difference in complications between both fixation types
- Return to pre-injury mobilisation may be more common after external fixation
- There is no data available comparing Steinmann pin and external fixation
- Both fixation types show poor results in fracture reduction

Abstract

Introduction: Because of poor skin conditions and comorbidity open reduction and internal fixation in ankle

fractures is frequently contra-indicated in the elderly. This study reports the results of two temporary fixation

types in fragility fractures in the older patient: transarticular Steinmann pin fixation and external fixation.

Methods: Patients aged over 60 treated with a Steinmann pin or external fixation were retrospectively included.

Patient, fracture and treatment characteristics were collected.

Download English Version:

https://daneshyari.com/en/article/5575808

Download Persian Version:

https://daneshyari.com/article/5575808

Daneshyari.com