Accepted Manuscript

Title: Proliferative and osteogenic differentiation capacity of mesenchymal stromal cells: Influence of harvesting site and donor age

Authors: Wolf Christian Prall, Maximilian Michael Saller, Anna Scheumaier, Timo Tucholski, Sara Taha, Wolfgang Böcker, Hans Polzer

PII: S0020-1383(18)30316-4

DOI: https://doi.org/10.1016/j.injury.2018.06.024

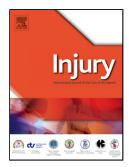
Reference: JINJ 7726

To appear in: Injury, Int. J. Care Injured

Accepted date: 19-6-2018

Please cite this article as: Prall WC, Saller MM, Scheumaier A, Tucholski T, Taha S, Böcker W, Polzer H, Proliferative and osteogenic differentiation capacity of mesenchymal stromal cells: Influence of harvesting site and donor age, *Injury* (2018), https://doi.org/10.1016/j.injury.2018.06.024

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

Proliferative and osteogenic differentiation capacity of mesenchymal stromal cells: Influence of harvesting site and donor age

Wolf Christian Prall*^{1,2}, Maximilian Michael Saller*¹, Anna Scheumaier¹, Timo Tucholski¹, Sara Taha¹, Wolfgang Böcker¹, Hans Polzer¹

1) Experimental Surgery and Regenerative Medicine (ExperiMed), Department of General, Trauma and Reconstructive Surgery, Munich University Hospital, Ludwig-Maximilians-University (LMU), Nussbaumstr. 20, 80336 Munich, Germany

2) Paracelsus Medical University (PMU) Salzburg, Strubergasse 21, 5020 Salzburg, Austria

*these authors contributed equally to this work

Corresponding author:

Hans Polzer, M.D.

Experimental Surgery and Regenerative Medicine (ExperiMed)

Department of General, Trauma and Reconstructive Surgery

Munich University Hospital

Ludwig-Maximilians-University

Nussbaumstr. 20, 80336 Munich, Germany

Hans.Polzer@med.uni-muenchen.de

Phone: +49-89-4400-52511

Keywords

Human mesenchymal stromal cell, proliferation, osteogenic differentiation, donor site, autologous bone graft, iliac crest, proximal tibia

Download English Version:

https://daneshyari.com/en/article/8944774

Download Persian Version:

https://daneshyari.com/article/8944774

<u>Daneshyari.com</u>