

Accepted Manuscript

The significance of neutrophil-lymphocyte ratio, platelet-lymphocyte ratio and lymphocyte-monocyte ratio in predicting peripheral arterial disease, peripheral neuropathy, osteomyelitis and amputation in diabetic foot infection

Tuna Demirdal, Pinar Sen

PII: S0168-8227(18)30602-8
DOI: <https://doi.org/10.1016/j.diabres.2018.08.009>
Reference: DIAB 7481

To appear in: *Diabetes Research and Clinical Practice*

Received Date: 12 April 2018
Revised Date: 10 July 2018
Accepted Date: 13 August 2018

Please cite this article as: T. Demirdal, P. Sen, The significance of neutrophil-lymphocyte ratio, platelet-lymphocyte ratio and lymphocyte-monocyte ratio in predicting peripheral arterial disease, peripheral neuropathy, osteomyelitis and amputation in diabetic foot infection, *Diabetes Research and Clinical Practice* (2018), doi: <https://doi.org/10.1016/j.diabres.2018.08.009>

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.



Title: The significance of neutrophil-lymphocyte ratio, platelet-lymphocyte ratio and lymphocyte-monocyte ratio in predicting peripheral arterial disease, peripheral neuropathy, osteomyelitis and amputation in diabetic foot infection

Running Title: Diabetic foot infections

Tuna Demirdal¹; Prof., Pinar Sen¹; M.D.

¹:Izmir Katip Celebi University Ataturk Training and Research Hospital, Department of Infectious Diseases and Clinical Microbiology

Corresponding Author:

Pinar Sen, M.D., Izmir Katip Celebi University Ataturk Training and Research Hospital, Department of Infectious Diseases and Clinical Microbiology

E-mail: pinarozdemirsen@gmail.com

Adress: Izmir Katip Celebi University Ataturk Research and Training Hospital 35360, Karabaglar/Izmir, Turkey.

Tel: +905058946042, **Fax:** +902322431530

Conflict of interest: None declared.

Acknowledgments: None declared.

Abstract

Aims: The aim of the study was to evaluate the value of neutrophil to lymphocyte ratio(NLR), platelet to lymphocyte ratio(PLR) and lymphocyte to monocyte ratio(LMR) in predicting peripheral arterial disease, peripheral neuropathy, osteomyelitis and need for amputation in diabetic foot infection(DFI).

Methods: A total of 280 patients were analyzed retrospectively. The NLR,PLR and LMR were evaluated statistically in DFI.

Results: A total of 280 patients were enrolled in the study. PLR was significantly higher in osteomyelitis and NLR was found higher in peripheral arterial disease in DFI

Download English Version:

<https://daneshyari.com/en/article/10137879>

Download Persian Version:

<https://daneshyari.com/article/10137879>

[Daneshyari.com](https://daneshyari.com)