

### **The New Prognostic-Therapeutic Index for Diabetic Foot Surgery - Extended Analysis**

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#### **Abstract**

*Background:* The disproportionate surgical indication in patients with diabetic foot, as well as the large number of major amputations of the pelvic limb have created the necessity of conceiving a therapeutic-prognostic index to guide the physician in establishing the adequate surgical indication. The aim of this analysis is to extend a former research published in 2014, regarding the new prognostic-therapeutic index used in the diabetic foot pathology, that included 929 patients.

*Methods:* We have analyzed a number of 1221 patients, that were admitted at the Surgery Clinic of the Cantacuzino Hospital, between January 2013 and June 2015, suffering from diabetes mellitus and associating diabetic foot lesions.

*Results:* The new therapeutic-prognostic index has been calculated for the retrospective lot, resulting into a concordance between the actual surgical intervention and the prognostic index of 79.4%; for the patients evaluated prospectively we have found a confirmation of the relation between the performed surgical intervention and the forecasted surgical intervention, of 86,8%.

*Conclusions:* The new therapeutic-prognostic index is of a major usefulness in recommending an adequate therapeutic conduct correlated to the severity of the lesion, especially in facilities where the pathology of the diabetic foot is less known.

**Key words:** diabetes mellitus, diabetic foot, prognostic-therapeutic index