



Conferința „PREVENȚIE 2020”



26 Februarie 2020

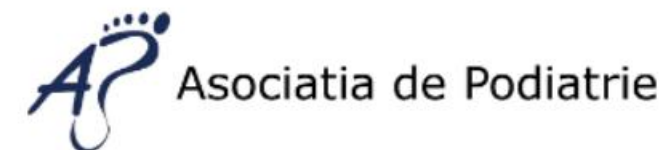
Hotel Pullman, sala New York

Noțiuni de Biomecanica piciorului - cu aplicații pentru recomandarea în farmacii a încălțăminteii la pacienții cu DZ

Dr. Ing. Daniel Petcu,

Pedorthic Art, www.pedorthicart.com

Clinica de Podiatrie București, www.clinicapodiatrie.ro



Compliance Blog - R.J. Hedges & Associates

Why Independent Pharmacies Should Have a Diabetic Shoe Program

Tue, Dec 11, 2018 / by Becky Templeton

Tweet Share Like 13 Share

Regardless of the ailment, independent pharmacies should always be asking the same question: How can we best serve the market and the patients who are suffering? When it comes to diabetes, there absolutely is a market for products and services. It's estimated that more than 100 million adults in the United States have diabetes or prediabetes, and that estimate is getting larger by the year.

BEGIN ENROLLMENT FOR YOUR PHARMACY'S DIABETIC SHOE PROGRAM.

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The screenshot shows the Arianna Medical Pharmacy website. The header includes a navigation menu with links for Home, About Us, Services, Employment, Appointment, Blog, and Contact Us. The main content area features a blog post titled "Guidelines when Selecting Diabetic Shoes" by Louise Savoie, dated July 23, 2019. The post includes an image of a person's feet in black diabetic shoes and a list of recommendations. On the left side, there is a sidebar with a menu of services: Prescription Medications, OTC Medications, Medical Supplies & DMEs, Shingles & Flu Shots, Diabetic Shoes, and More Services.

REGULATIONS FOR THE PRESCRIPTION OF FOOTWEAR AS MEDICAL DEVICE

DANIEL PETCU*, VIORICA ROȘCULEȚ

INCDTP - Division: Leather and Footwear Research Institute, 93 Ion Minulescu St., Bucharest, Romania, email: crispinian.ro@gmail.com, icpi@icpi.ro

Received: 27.02.2017

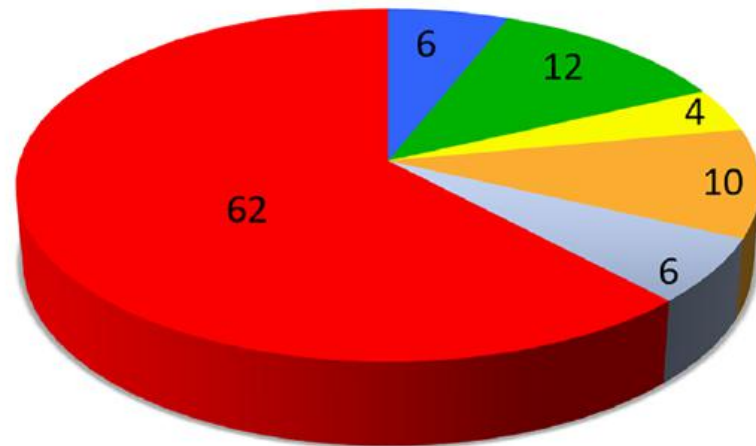
Accepted: 17.03.2017

https://doi.org/10.24264/lfj.17.1.8

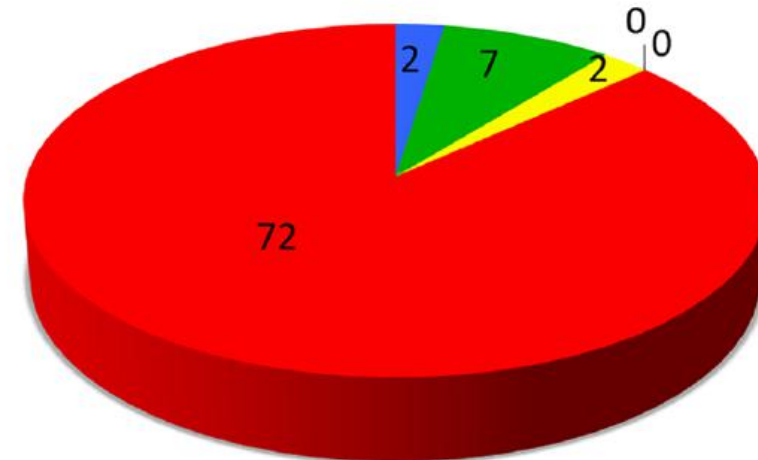
A complete description of the “**prescription**” concept is provided by the **pharmacology field**, the stages of the magistral preparation/drugs’ prescribing process and the one of the custom-made medical devices could be considered similar. Thus, in the medicine field the prescription represents an instruction, respectively the mean of communication between the prescribing doctor and the pharmacist achieved through a written document

Constitutive elements of the medical prescription - “superscriptio” - contains the header,

- “inscriptio”
- “invocatio”
- “prescriptio” (“ordinatio” / “compositio”)
- “instructio”
- “subscriptio” - “adnotatio”

RESEARCH ARTICLE**The future of prevention of diabetic foot ulcer: A paradigm shift from stratified healthcare towards personalized medicine**Jaap J. Van Netten^{1,2}  | James Woodburn³ | Sicco A. Bus¹ **RCTs on diabetic foot disease, 2010-2014**

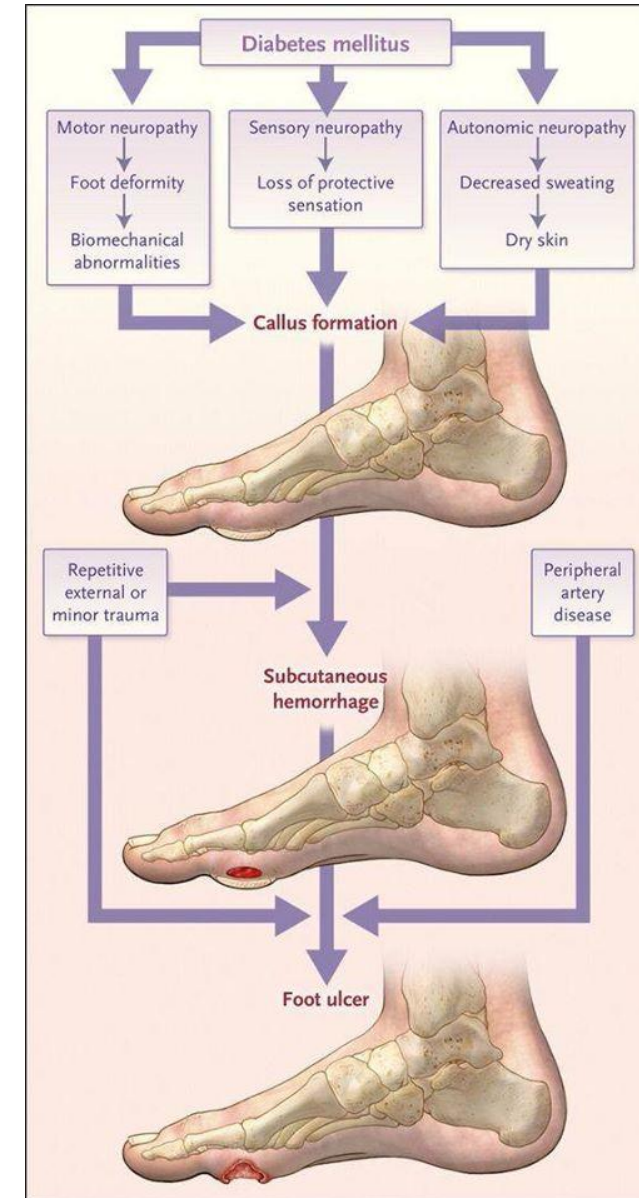
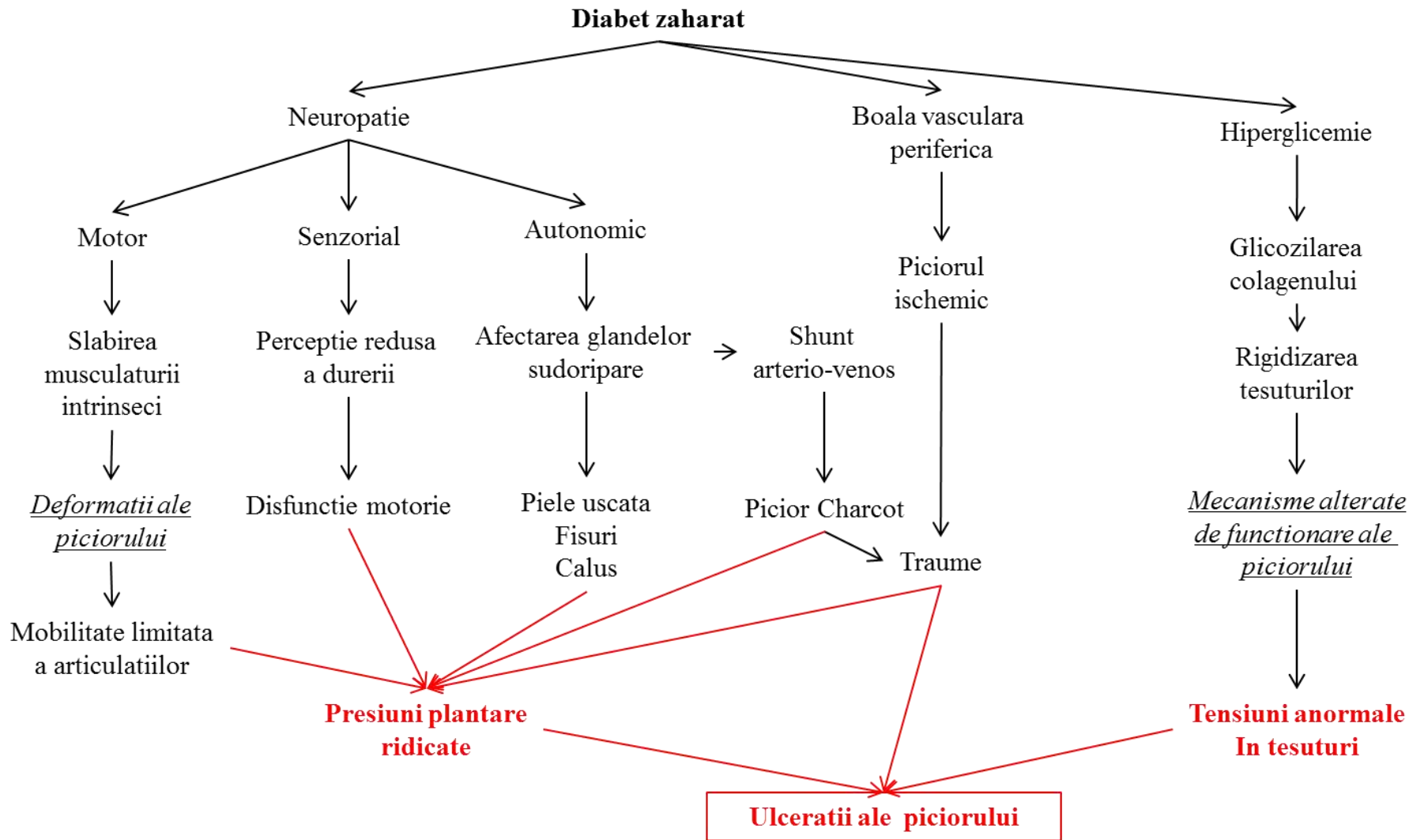
 Ulcer prevention (n=6)  Pre-signs / foot function (n=12)
 Glucose control (n=4)  Neuropathy and PAD (n=10)
 Behaviour, Mental, QoL (n=6)  Ulcer healing (n=62)

(A)**RCTs on diabetic foot disease in 2015-2019**

 Ulcer prevention (n=2)  Pre-signs / foot function (n=7)
 Glucose control (n=2)  Neuropathy and PAD (n=0)
 Behaviour, Mental, QoL (n=0)  Ulcer healing (n=72)

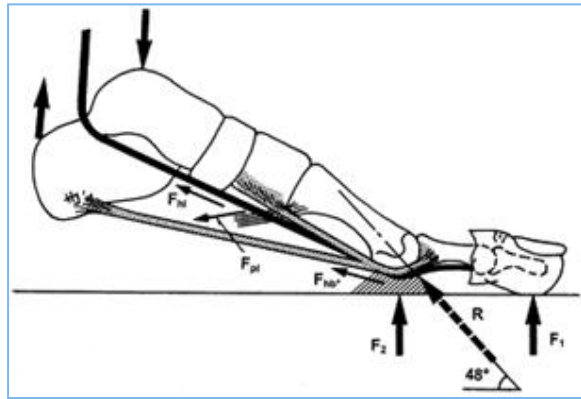
(B)**FIGURE 1** Primary outcome of RCTs in the field of diabetic foot disease

Cauzele apariției ulcerelor piciorului



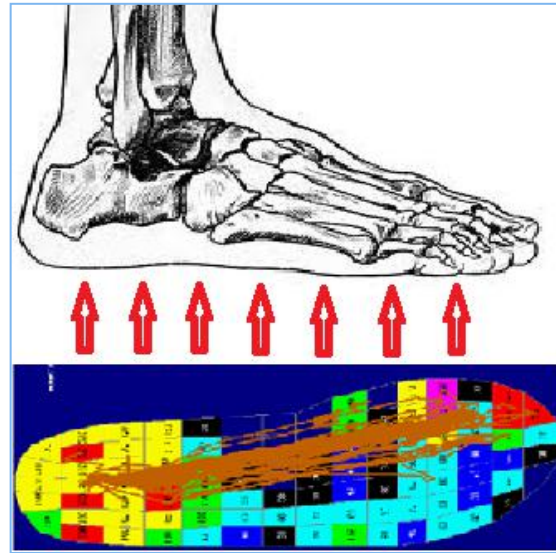
Biomecanica

reprezinta stiinta care studiaza actiunea si efectele produse de fortele externe si interne ce actioneaza asupra unei structuri biologice



Sistemul de forte interne si externe ce actioneaza in faza de propulsie asupra primei raze

1



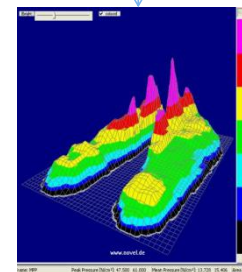
Distributia presiunilor la interfata picior – suprafata de sprijin

2

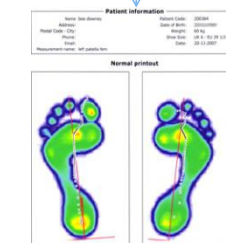
Laborator de biomecanica



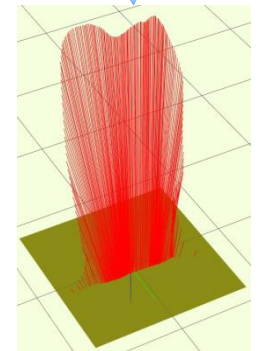
2



3



4



Incaltaminte diabet



Tipuri de orteze :

-Ortezele functionale pentru picior sunt orteze proiectate pe baza de prescriptie avand rolul de a modifica functiile articulatiilor piciorului si membrului inferior in timpul activitatilor sub sarcina,



-Ortezele acomodatice, sunt orteze pe baza de prescriptie , proiectate pentru a modifica marimea si evolutia in timp a incarcarii suprafetei plantare a piciorului aflat sub sarcina,



-Ortezele acomodativ-functionale combina proprietatile celor doua tipuri descrise mai sus.



- Ortezele pentru diabet. Acestea reprezinta dispozitive detasabile, proiectate pentru a realiza un contact total cu suprafata plantara a piciorului, obtinute din materiale cu densitati diferite in conformitate cu conditia patologica a pacientului. Scopul lor este acela de a realiza o distributie cat mai uniforma a greutatii pe suprafata plantara a piciorului pentru a reduce presiunea din zonele de risc (PFOLA)





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Va multumesc pentru atentie!

Dr. Ing. Daniel Petcu,

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