

PAE VCI209 – ANATOMIA CLÍNICO-CIRÚRGICA NA
ESPÉCIE EQUINA

DINÂMICA DAS ESTRUTURAS DOS DÍGITOS DO EQUINO

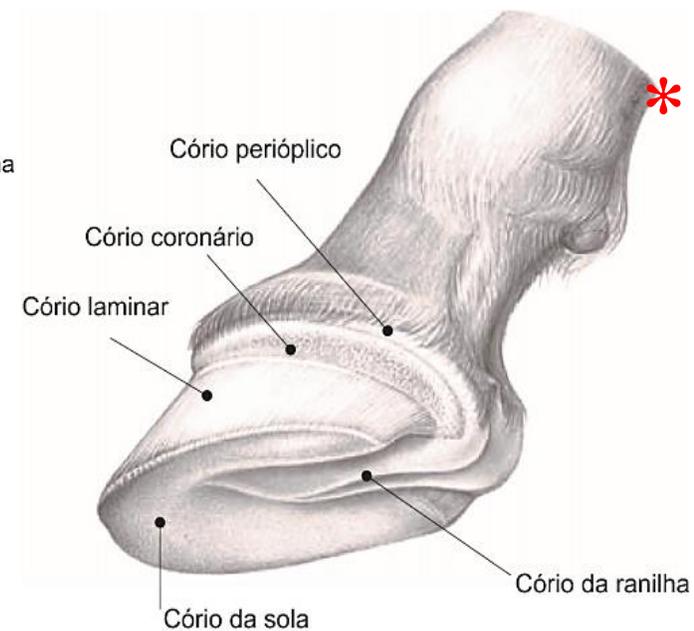
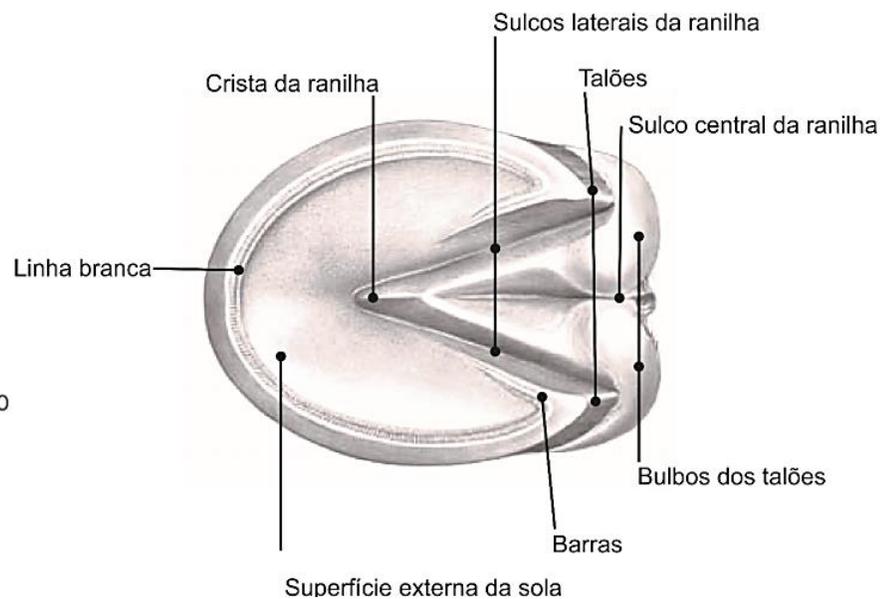
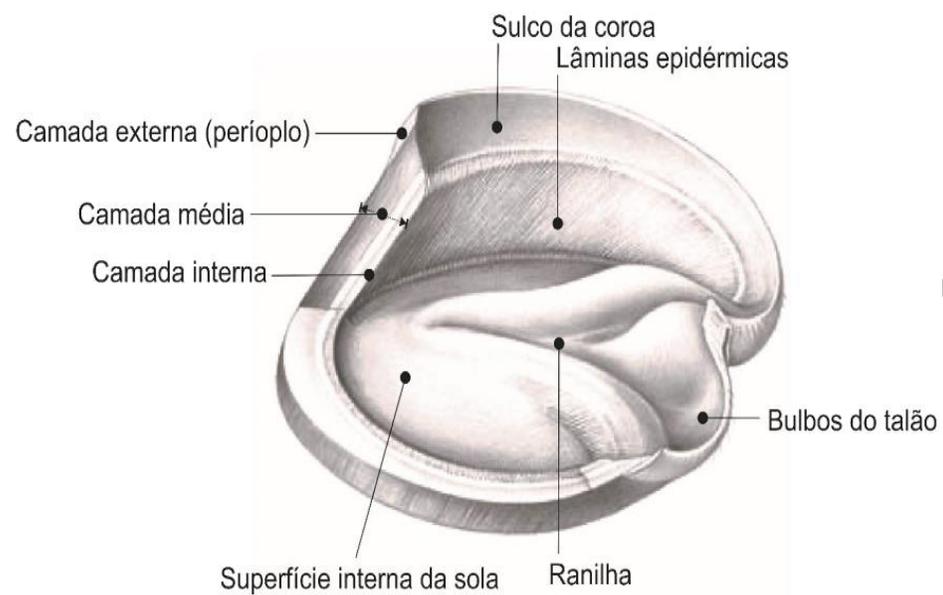
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Médica Veterinária

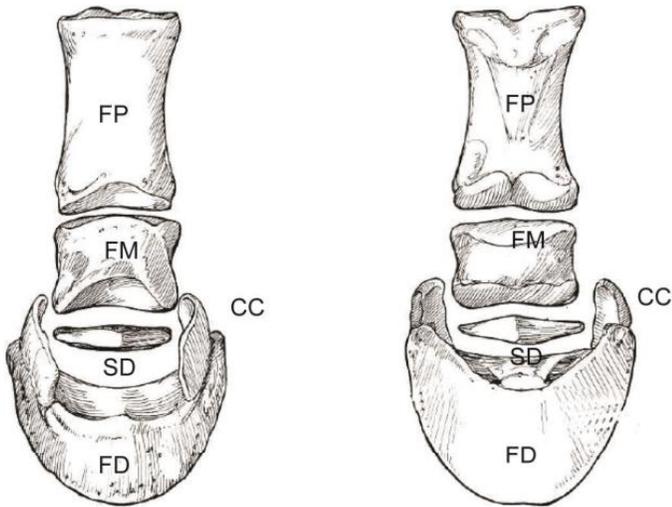
Mestranda (Programa de Pós-Graduação em
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FMVZ/USP)



ESTRUTURAS DO DÍGITO DO EQUINO



ESTRUTURAS DO DÍGITO DO EQUINO



*Claudicações

BIOMECÂNICA

P – Falange Proximal

M – Falange Medial

D – Falange Distal

N – Navicular

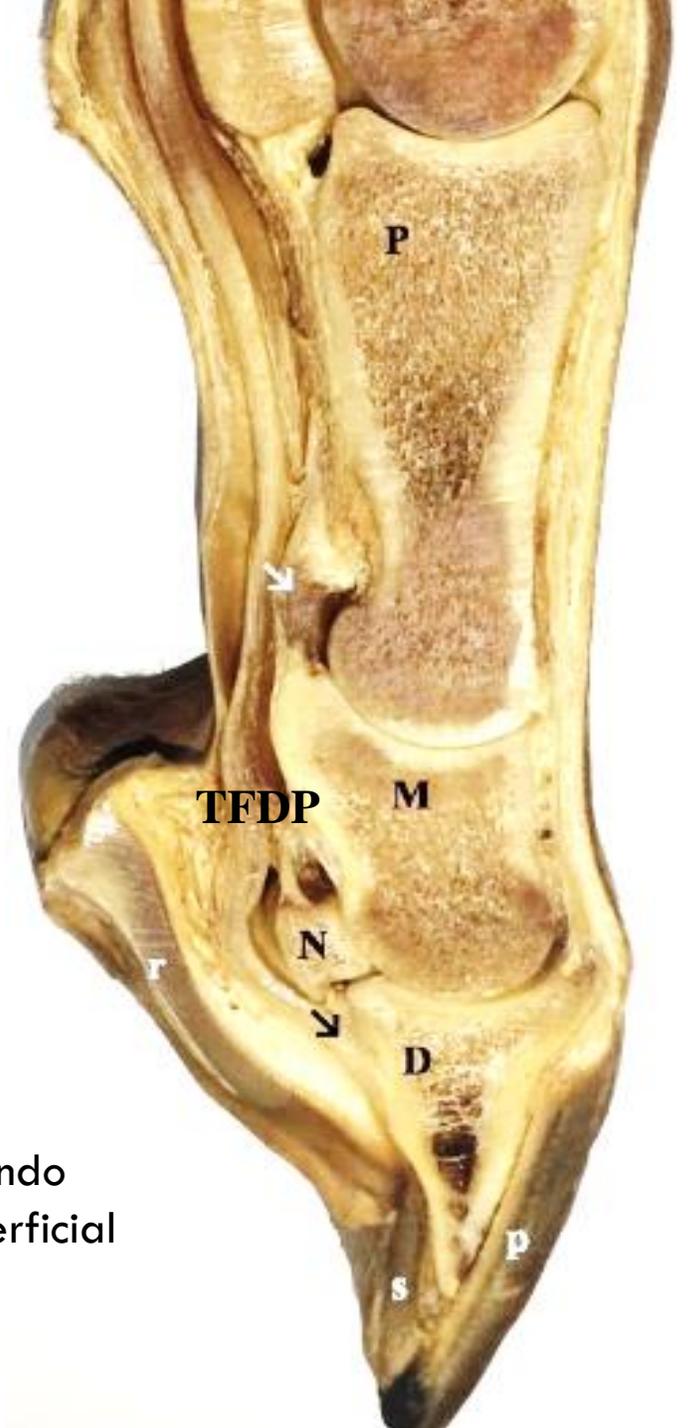
Seta preta – Flexor digital profundo

Seta branca – Flexor digital superficial

p – Parede do casco

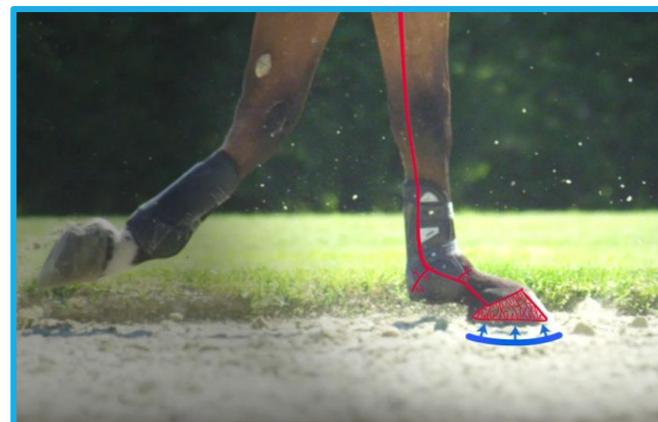
s – Sola

r – Ranilha



BIOMECÂNICA — FASES DAS PASSADAS

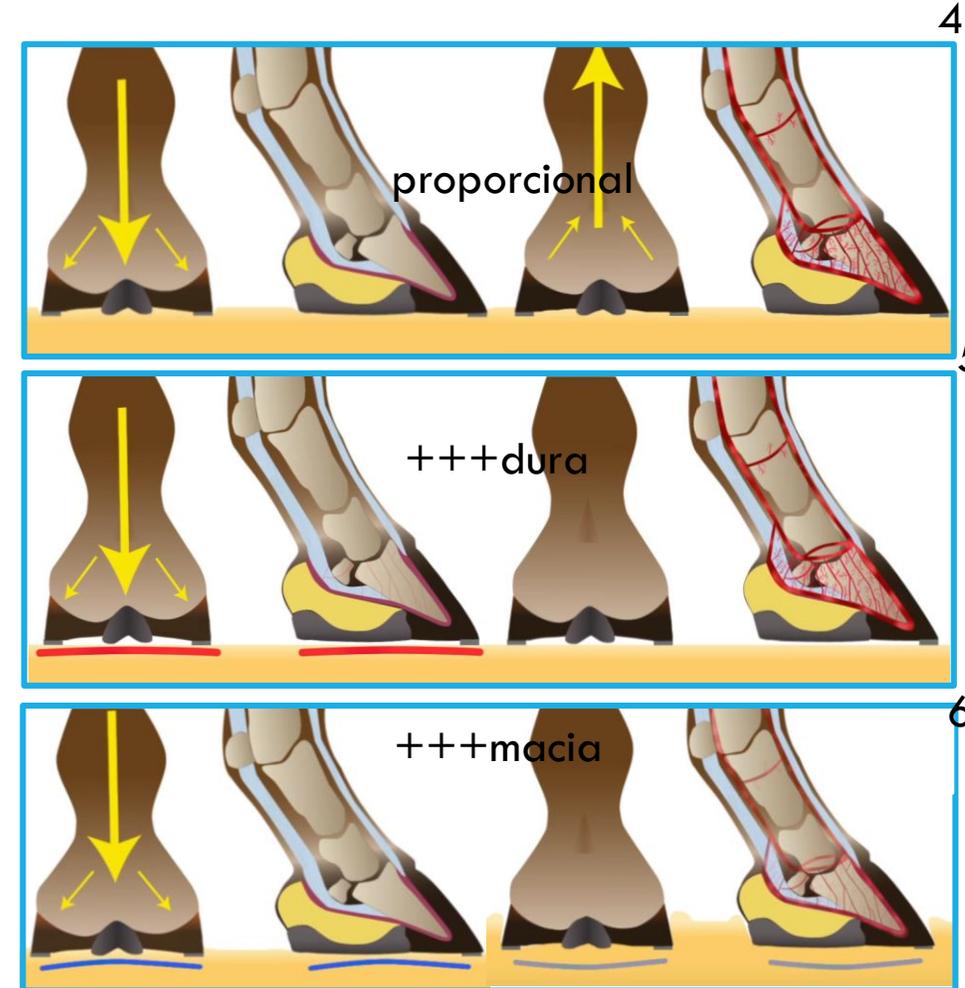
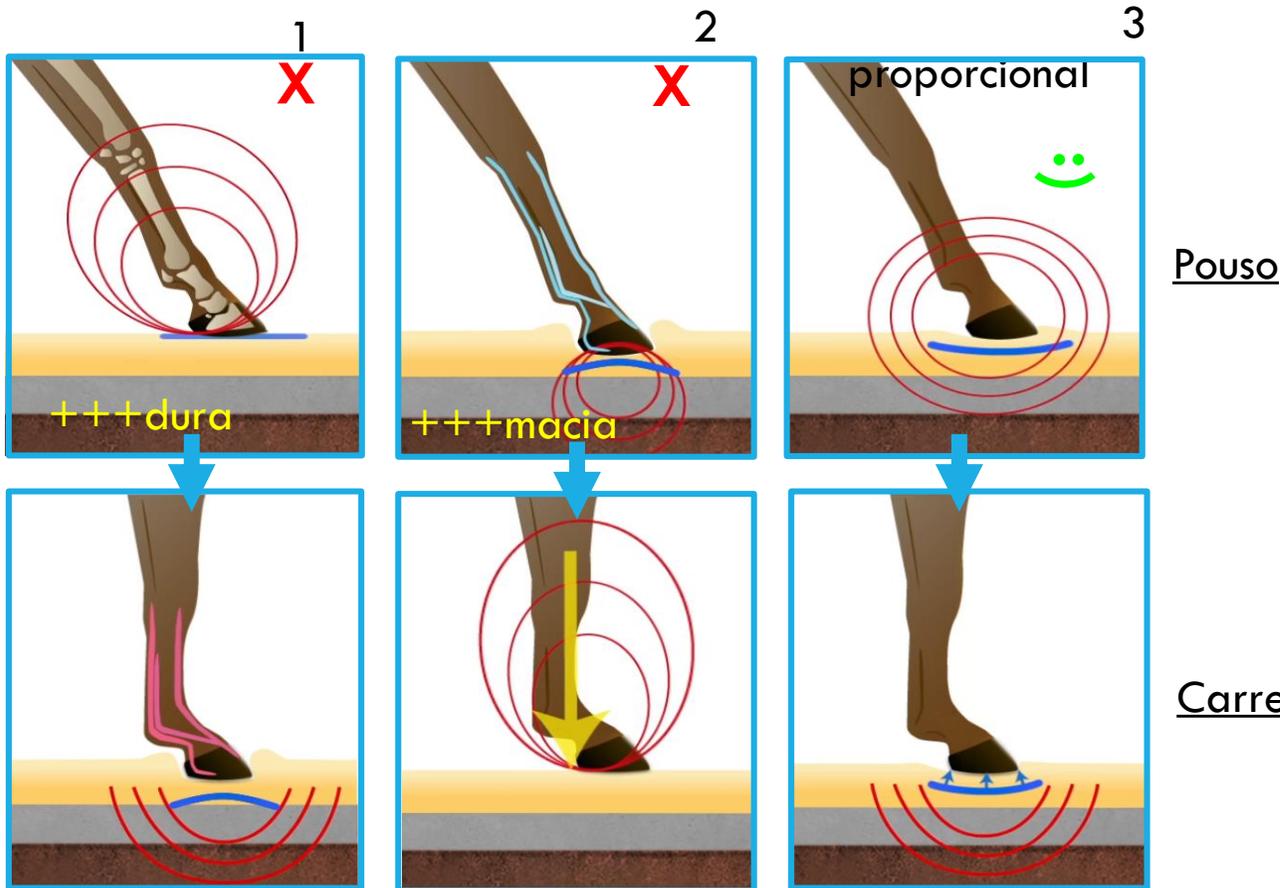
1. Repouso
2. Carregamento
3. Rollover/Push-off



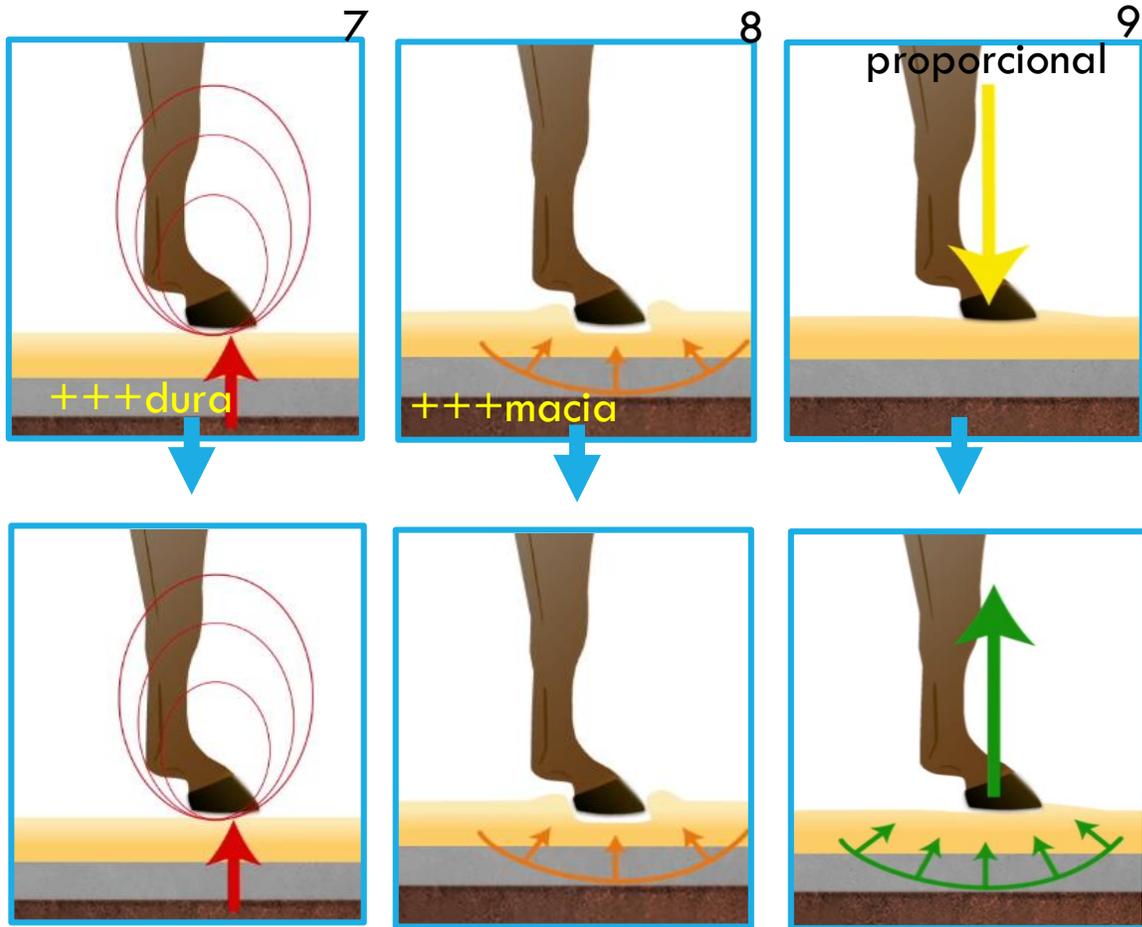
BIOMECÂNICA – SUPERFÍCIES

Ideal: Minimizar a concussão e absorver o choque; fornecer suporte e devolver energia.

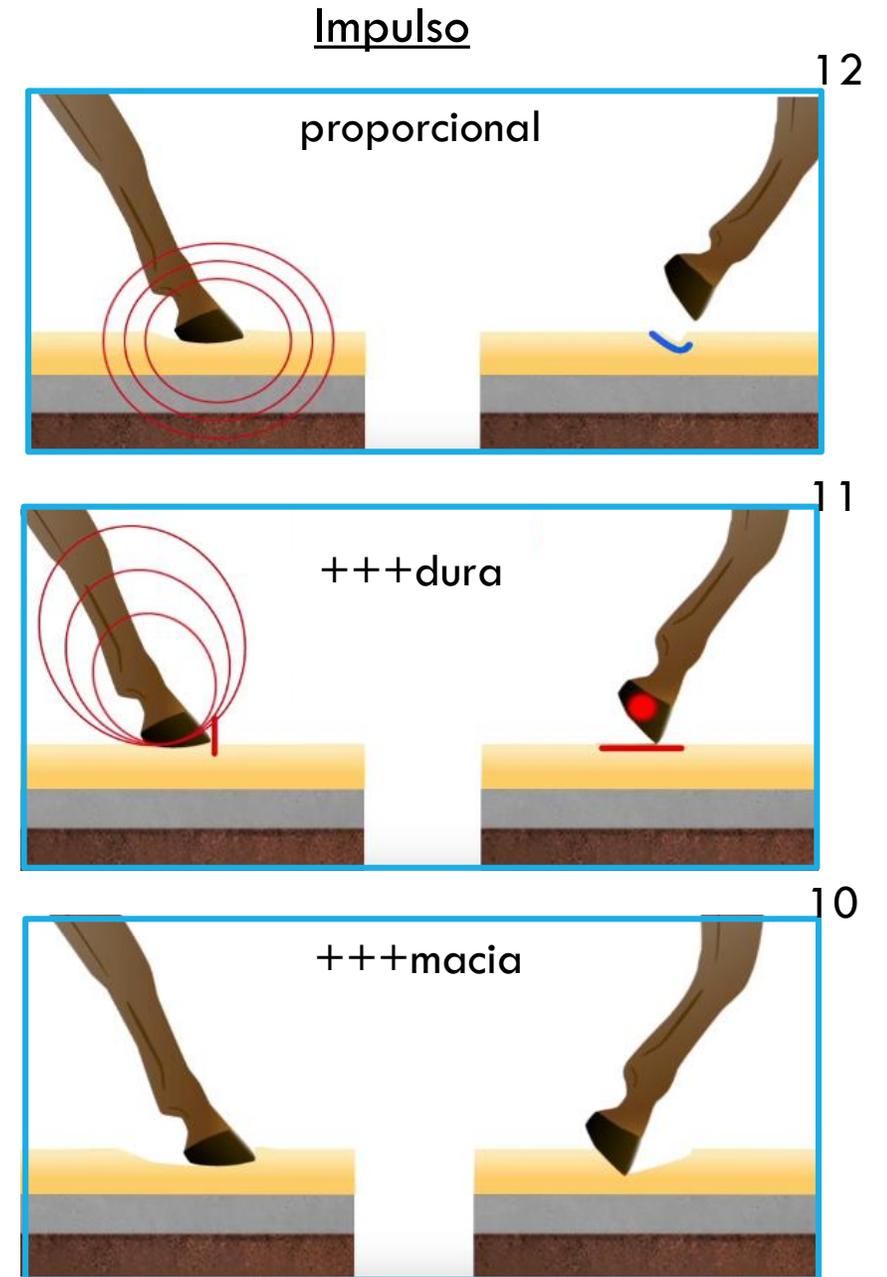
- *Firmeza
- *Amortecimento
- *Concavidade
- *Rebote
- *Aderência.



BIOMECÂNICA – SUPERFÍCIES



Rebote



REFERÊNCIAS

Surfaces and Biomechanics for Lecture (YouTube); link:
<https://www.youtube.com/watch?v=IzMfnYenvCY>

GRAVENA, K.; CALCIOLARI, K.; LACERDA-NETO, J.C. Anatomia do dígito equino: revisão de literatura. Revista Científica de Medicina Veterinária, n.28, 2017.

RIBEIRO, G.H.C. [Seminário] Anatomia, biomecânica e principais patologias do membro distal de equinos: quartela e casco, p.1-19, 2013.