

Foot assessment & screening for Identification risk

- **Foot assessment**

1. Neurological investigation by monofilament.
2. Peripheral vasculature -DP, PT pulse-ABI
3. Skin, Nail & Callus: Today callus tomorrow ulcer.
4. Foot deformity “Hammer toes, Charcot joint, Claw toes, Bunion, Pronated/Supinated foot etc.”
5. Ulcer classification (Texas U., Wagner)

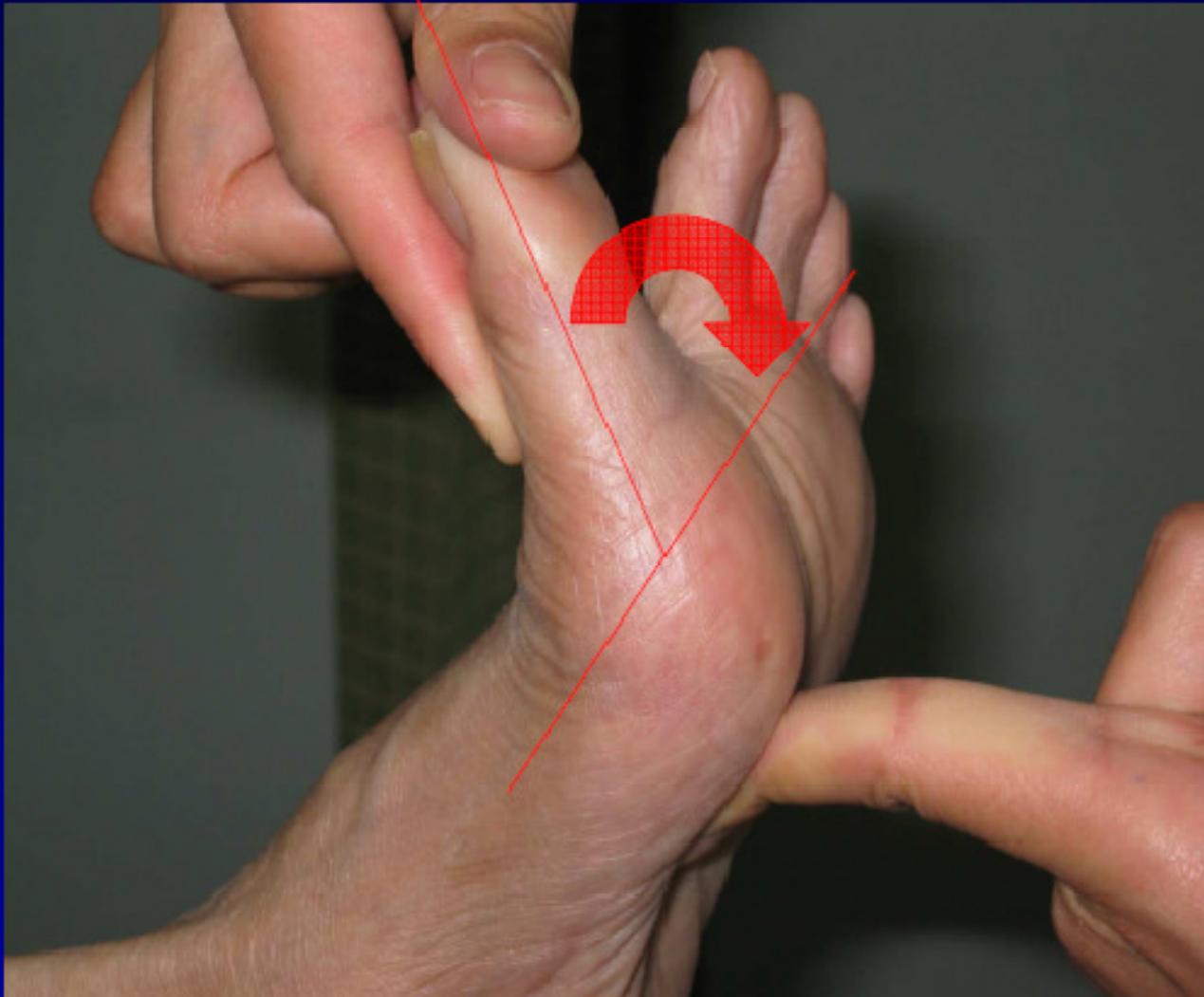
4. Foot deformity

Structural deformities ?

- **Hammertoe**
- **Hallux valgus or bunion**
- **Flat or high-arched feet**
- **Charcot deformities**
- **Post surgical deformities(amputations)**

This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Limited joint mobility?



ROM of first MTP joint : Increase risk of foot
in 50 degree.

This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Deformity : Hammertoe

Prominent metatarsal heads



ulcer



High-arched foot

This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Flat foot



This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Hallux valgus



This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Charcot deformities

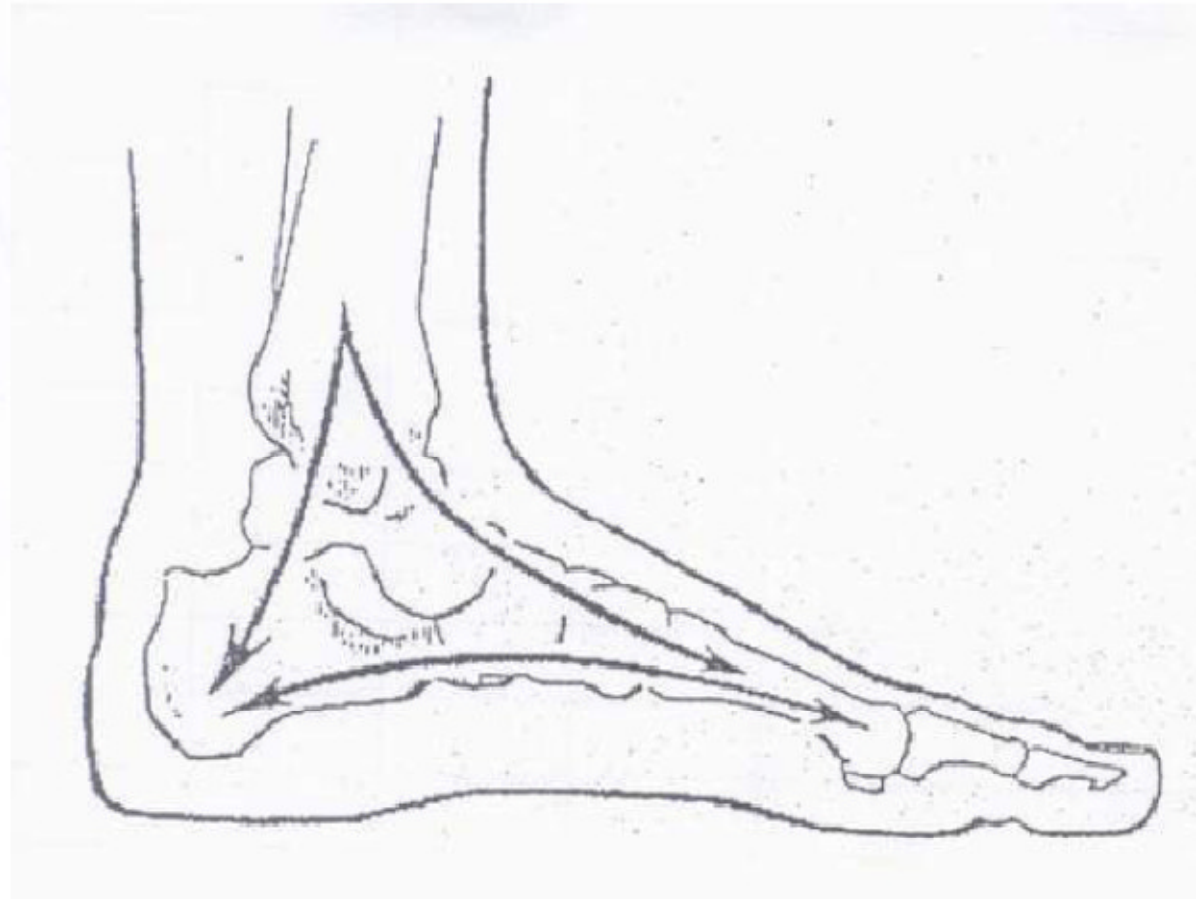


This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

ment bone



Normal biomechanics



This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

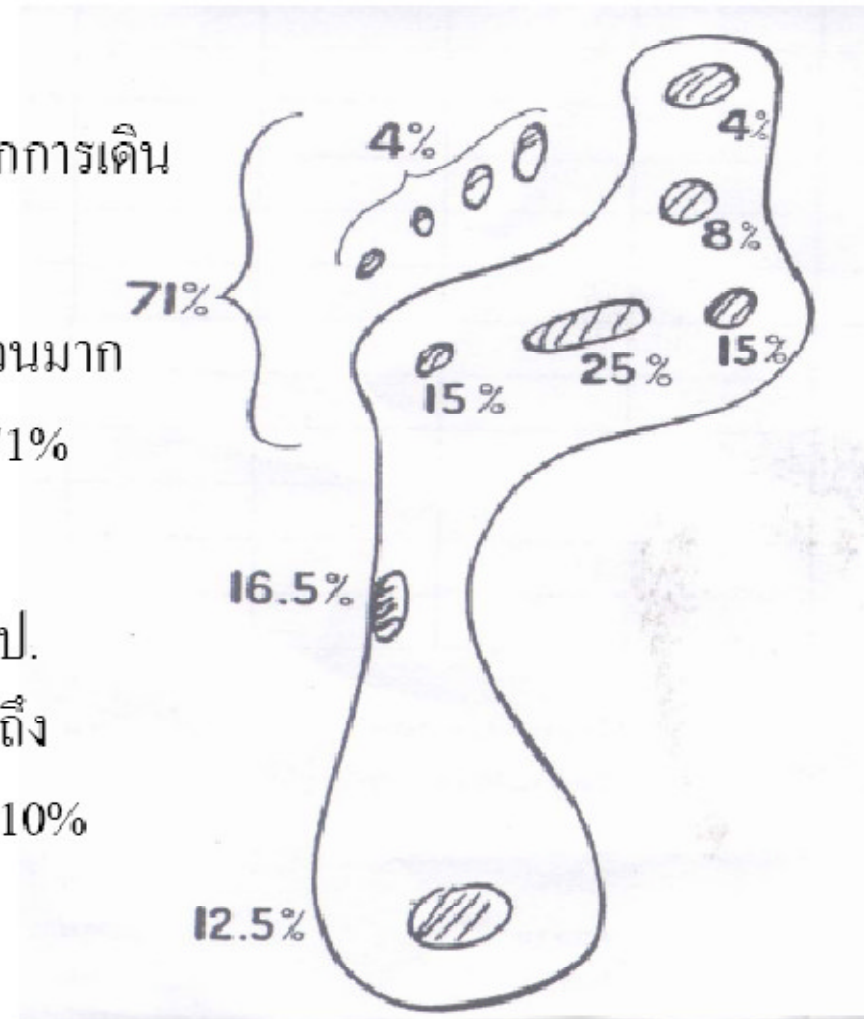


ตำแหน่งแผลของฝ่าเท้าที่พบบ่อย

***Dr.Price** - แผลใต้ฝ่าเท้าเกิดจากการเดิน

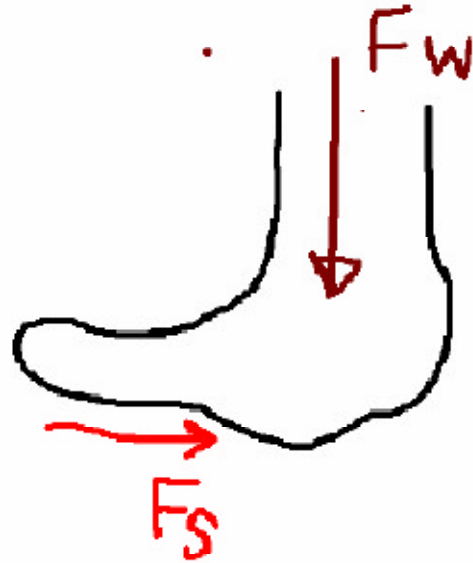
***Dr.Paul Brand** - พบว่าแผลส่วนมาก
เกิดบริเวณส่วนหน้าของเท้าถึง 71%

***Dr.Ernest P.Fritschi** - พบว่าสป.
ส่วนมากเป็นแผลที่ส่วนหน้าเท้าถึง
80% ส้นเท้า 10% ด้านข้างเท้า 10%





Charcot foot biomechanic



สาเหตุที่มักพบแผลบริเวณ กลาง
เท้า เนื่องจากมีแรง 2 แรง กระทำ
ต่อ บริเวณนั้นทุกก้าวที่เดิน



Assessment

Ulcer risk

- Loss of protective sensation(LOPS)
- Deformity or limited joint mobility
- Previous Hx of ulcer or amputation

Amputation risk

- How deep/large is it?
- Infection
- ischemic

Foot evaluation categorized by risk

Category	Risk profile	Evaluation frequency
■ 0	No neuropathy	Annual
■ 1	Neuropathy (LOPS)	Semi-annual
■ 2	Neuropathy, deformity and/or PAD	Quarterly
■ 3	Previous ulcer or amputation	Every 1-2 mo

Foot assessment & screening for Identification risk

- **Foot assessment**

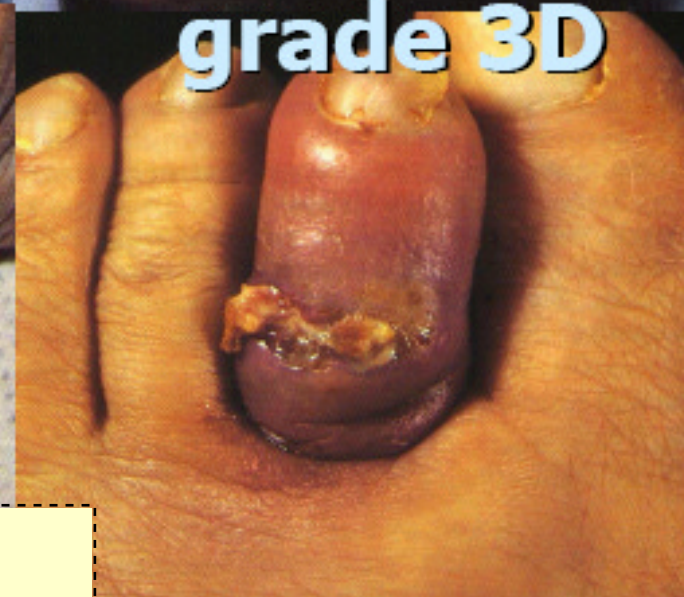
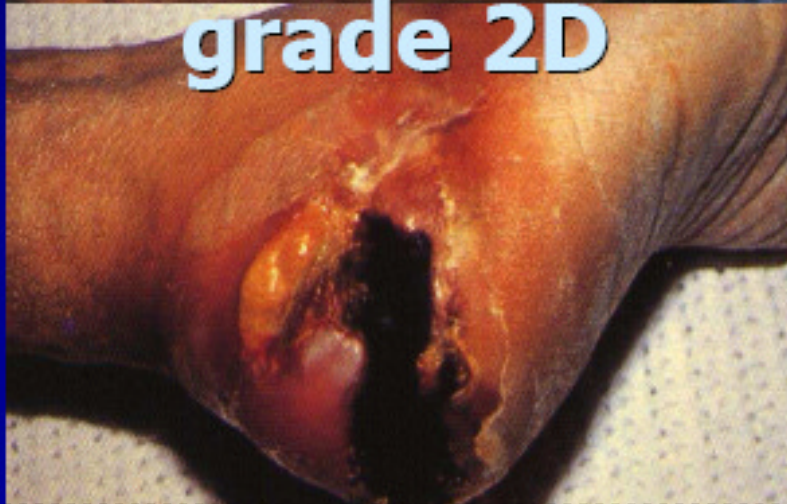
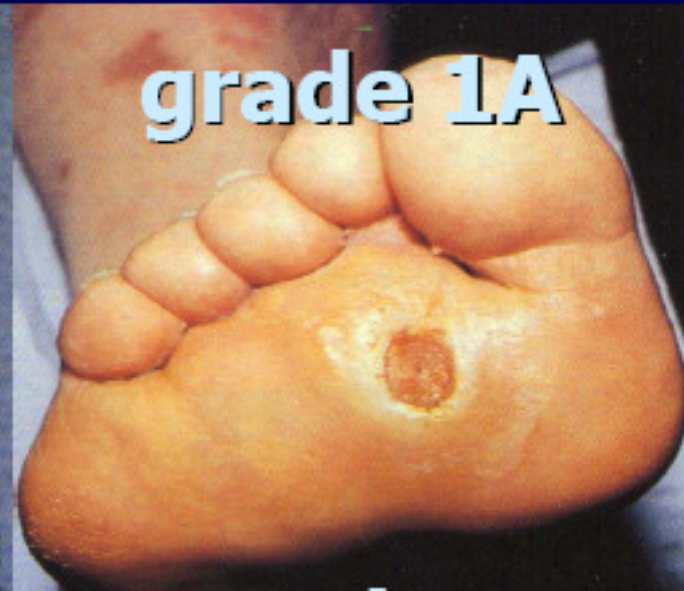
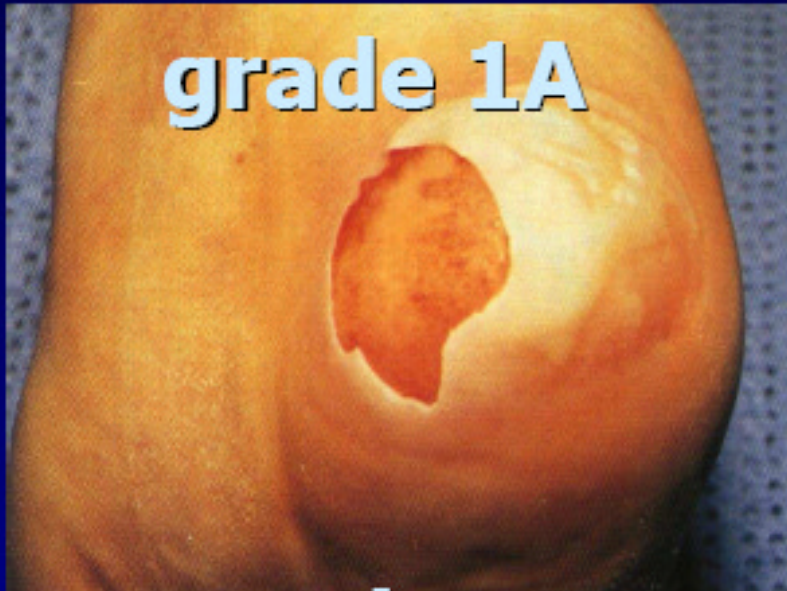
1. Neurological investigation by monofilament.
2. Peripheral vasculature -DP, PT pulse-ABI
3. Skin, Nail & Callus: Today callus tomorrow ulcer.
4. Foot deformity “Hammer toes, Charcot joint, Claw toes, Bunion, Pronated/Supinated foot etc.”
5. Ulcer classification (Texas U., Wagner)

5.Ulcer :for Treatment

University of Texas wound classification

Stage	0	1	2	3
A	completely epithelization	superficial wound	involve tendon or capsule	involve bone or joint
B	with infection	with infection	with infection	with infection
C	with ischemia	with ischemia	with ischemia	with ischemia
D	with infection and ischemia	with infection and ischemia	with infection and ischemia	with infection and ischemia

University of Texas Wound classification



This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

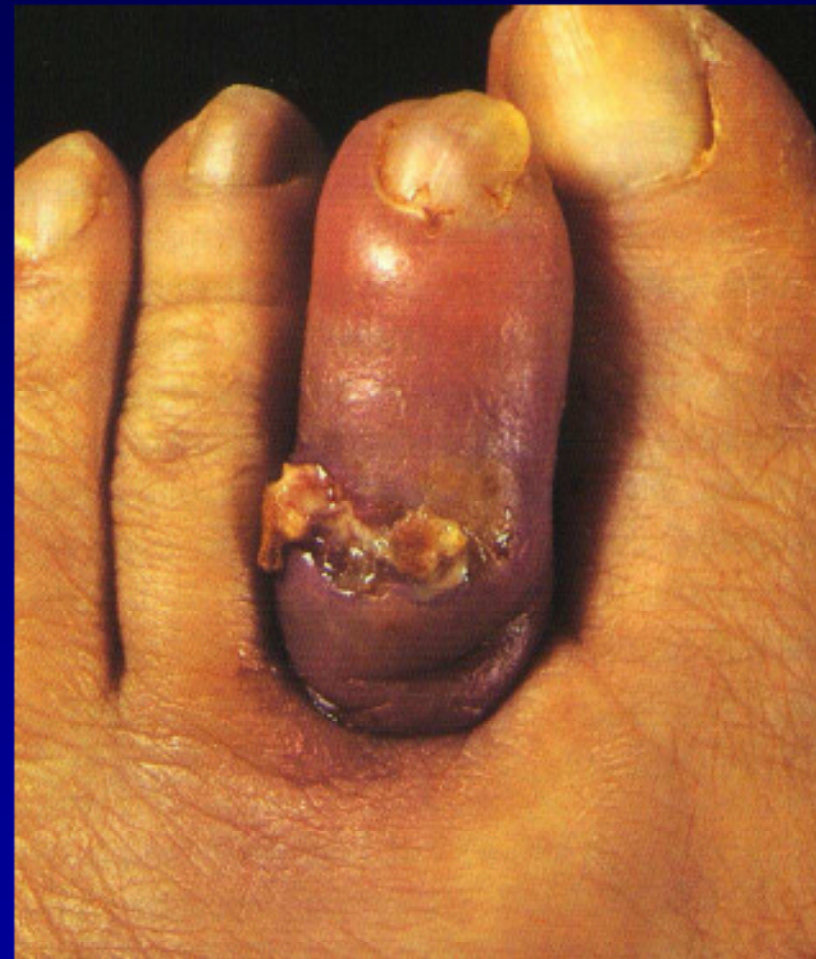
Probe to bone test



A positive PTB is probably quite helpful in diagnosing bone infection

This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Is it infected?



This document was created with the trial version of Print2PDF!
Once Print2PDF is registered, this message will disappear!
Purchase Print2PDF at <http://www.software602.com/>

Osteomyelitis

เป้าหมายของการดูแลรักษา foot care

- Reduction of amputations
- Prevention of ulceration.

StrategicStrategic

1. Foot assessment & screening for Identification risk
2. Wound care /Rapid treatment for all foot problems
-Cleansing & Off-loading Techniques
3. Protective Footwear
4. Foot education Program/Foot care

Treatment of ulcer

1. Wound care
2. Rest/off loading techniques
3. Rehabilitation -Therapeutic/
Preventive surgery and
Reconstructive
Surgery/Conservative treatment

1.Wound care

- Evaluate wound
- Removing the hard skin and dead tissue. debridement
- Treatment of infection.
- Cause of wound
 - ischemia
 - neuropathy
 - infection