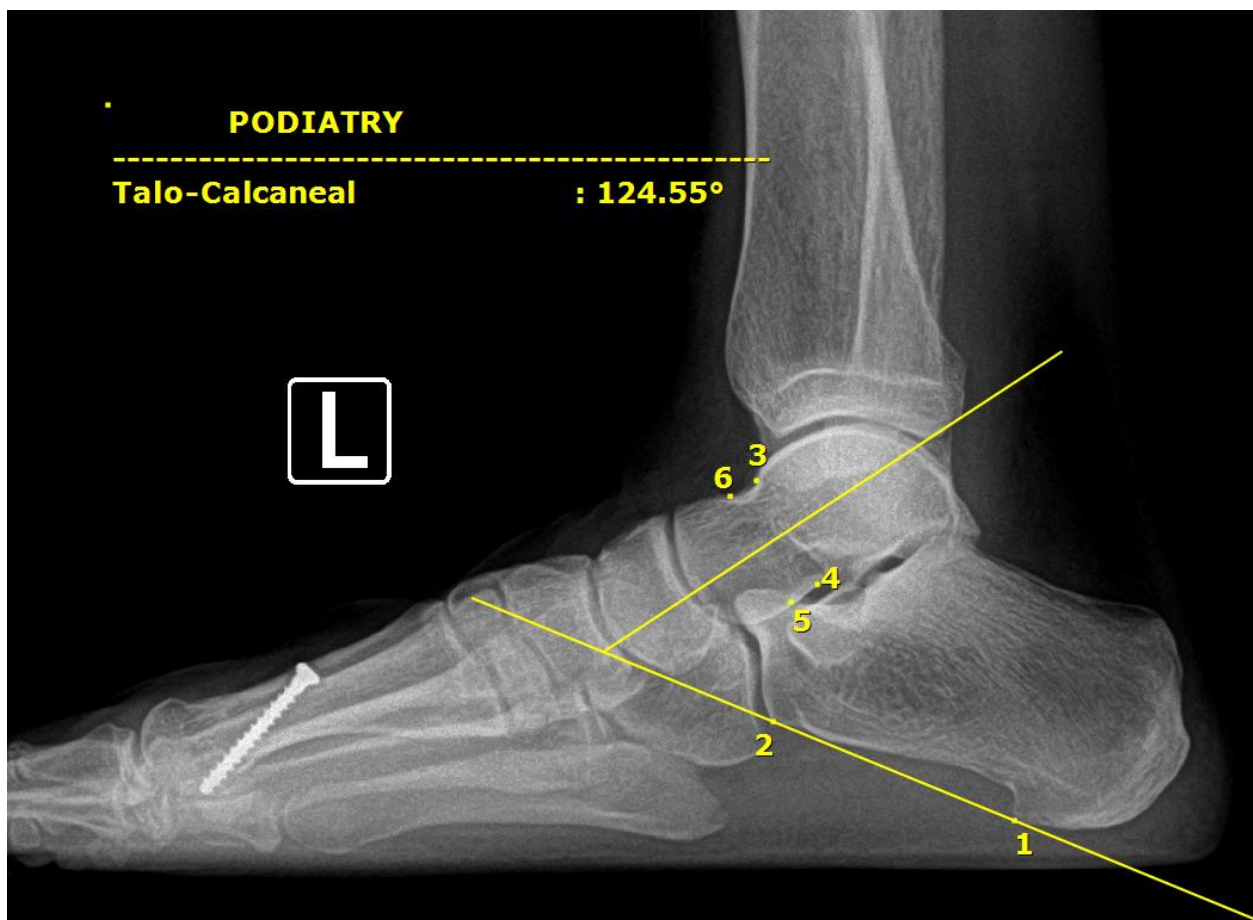


To access the Podiatry tools; open a Patient Study, left click on 2020 logo at the top left which is the Main Menu, then click on PODIATRY and select the tool you wish to plot. After plotting all of your points for a particular tool, go back into the Main Menu and choose PODIATRY, then click CALCULATIONS. Lastly, left click anywhere on the x-ray to show the calculations.

Talo-Calcaneal Angle

6 point tool

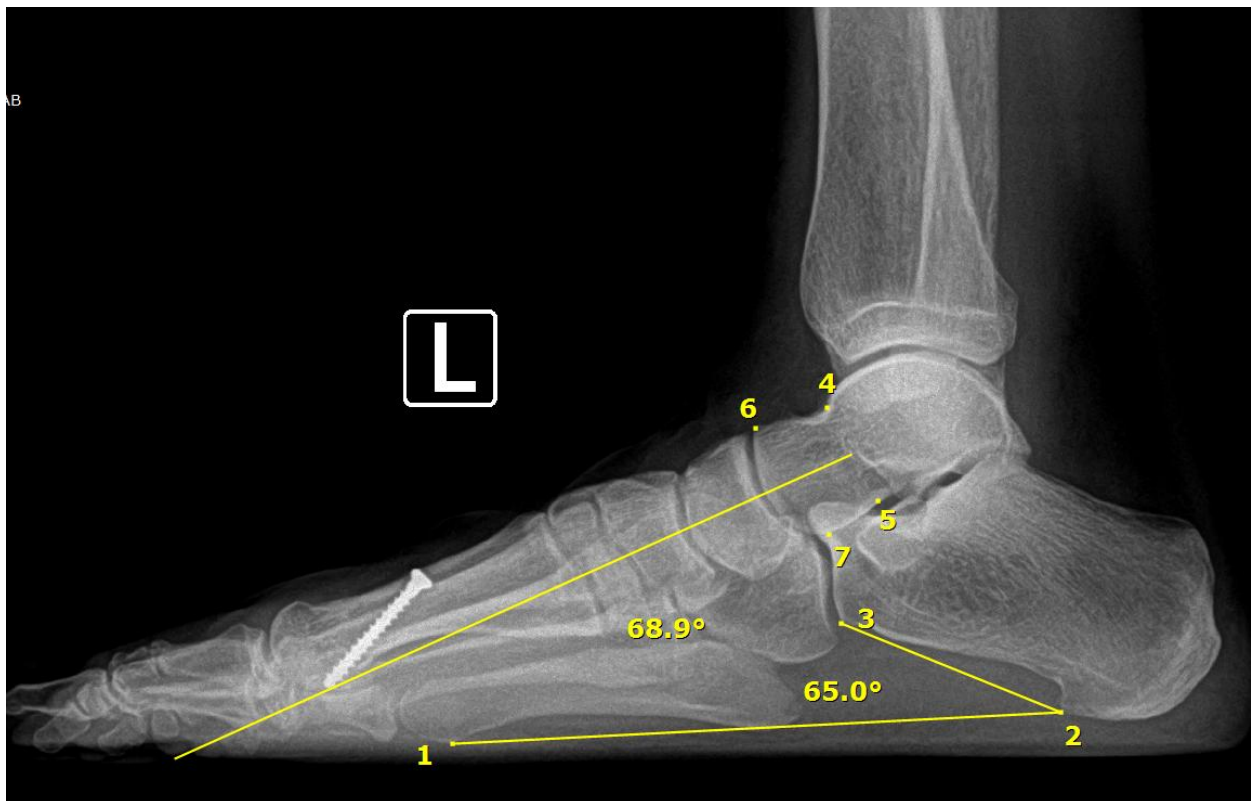
1. Plot a point at the bisection of the calcaneus
2. Plot a point at the anterior dorsal medial aspect of the calcaneus
3. Plot 4 additional points at the effective peripheral articular margins most medially and most laterally on the talar head at its articulation with the navicular (pair most medial followed by most lateral)



Calcaneal Inclination Angle and Talar Declination Angle

7 point tool

1. Plot Anteriorly point at the inferior surface of the head of the fifth metatarsal
2. Plot point on the inferior aspect of the calcaneus, posterior to the calcaneal ridge
3. Plot point at most anterior inferior aspect of the calcaneus
4. Plot point at superior and inferior point on talus neck
5. Plot point at posterior point on talus neck
6. Plot point at superior and inferior point on talus head
7. Plot point at posterior on talus head



Forefoot

20 point tool

1. Plot point at Bisection of shaft of distal phalanx of great toe. (Creates axis of distal phalanx).
 - a. Four points: Distal medial and lateral aspect of shaft, proximal medial and lateral aspect of shaft.
2. Plot point at Bisection of shaft of proximal phalanx of great toe. (Creates axis of proximal phalanx).
 - a. Four Points: Distal medial and lateral aspect of shaft, proximal medial and lateral aspect of shaft.
3. Plot point at Distal Articular surface of first metatarsal phalangeal joint. (2 points).
 - a. Proximal medial aspect of base of distal phalanx joint surface / Proximal lateral aspect of distal phalanx joint surface.
4. Plot point at Proximal Articular surface of first metatarsal phalangeal joint. (2 Points).
 - a. Distal medial aspect of first metatarsal head articular surface / Distal medial aspect of first metatarsal articular surface.
5. Plot point at Bisection of shaft of first metatarsal.
 - a. Four points: Distal medial and lateral aspects of shaft of first metatarsal / proximal medial and lateral aspects of shaft of first metatarsal.
6. Plot point at Bisection of shaft of second metatarsal.
 - a. Four Points: Distal medial and lateral aspects of shaft of second metatarsal / proximal medial and lateral aspects of shaft of second metatarsal.



Transaction of Lesser Tarus

4 point tool work in addition to Forefoot and Calculations to provide Metatarsus Adductus Angle

Points 1-2 Distal medial 1st cuneiform - Proximal medial articular surface of navicular

Points 3-4 Distal lateral Cuboid - Proximal lateral Cuboid

Lesser Tarsal Axis: This is the relationship of the lesser tarsal bones.

- a. Four Points: Distal medial 1st cuneiform / Proximal medial articular surface of Navicular (midpoint now formed of medial wall of lesser tarsus).
- b. Distal lateral Cuboid / Proximal lateral Cuboid. (midpoint now forms lateral wall of lesser tarsus).
- c. Connect midpoints of medial and lateral walls and create a perpendicular to compare to bisection of second metatarsal.

ne: Generation^New^^
 3: 01/01/2012
 : M
 01/26/2012
 e: 15:54:20
 T: 17:10:19
 : RF SYSTEM Lab
 VS: 2610
 UMNS: 3240
 t AP

PODIATRY

Hallux Interphalangeus	: 19.30°
Hallux Abductus	: 2.87°
First Intermetatarsal	: 8.25°
P.A.S.A.	: 0.47°
D.A.S.A.	: 8.53°
Metatarsus Adductus	: 26.05°
Total Adductory Angle	: 34.30°
Metatarsal Parabola	: 127.91°
Metatarsal Protrusion	: -6.28mm



Metatarsal Parabola

3 point tool works together with forefoot and calcs

1. Plot point at center of the first metatarso-phalangeal joint space
2. Plot point at center of second metatarso-phalangeal joint space
3. Plot point at center of fifth metatarso-phalangeal joint space

