# Toe Injuries

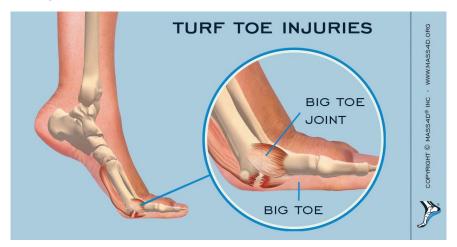
Keith Berrouet, Alexandria Campbell-Ferguson, Connor Hasson, Vincent Ventura

# Background

Of the 26 bones in your foot 14 are in your toes. The big toe is responsible for maintaining balance.

### What is it?

- Can be caused from shoes being too tight or too small.
- Ingrown nails can result from this.
- It can result in dislocations, fractures, and sprains
- There is also the possibility of a bunion and/or corn growing
- A hematoma can form under the toenail (Toe Injuries and Disorders, 2018).



# Signs/Symptoms

#### **Broken Toe**

- Swelling
- Pain/ tenderness
- Redness
- Stiffness
- Bruising
- Ingrown toenail
- Blood under toenail (Cunha, n.d.)



# Population

- Running, toe being stepped on can result in the nail coming off
- Overuse of nail injury can cause a broken toe
- Too much stress is also a factor of why the toe could break

### Treatment/Prevention

- Wear shoes that properly fit
- Splinting
- RICE (Rest, Ice, Compression, Elevation)
- Buddy Taping
- Bone Setting (Berry, 2017, pg 5).
- Stable Non-Displaced= splinting
- Displaced Fractures of Lesser Toes= Family Physician (Volume 68 Number 12, 2003).

## **Sidenotes**

Keanan Evans played with a broken toe in the NCAA tournament and led his team to the elite eight. The team trainer taped his toe and used many different shoe soles.

### Works Cited

- Toes and Injuries. (2018). In *MedlinePlus*. Retrieved from https://medlineplus.gov/toeinjuriesanddisorders.html
- Cunha, J. (n.d.). Broken Toe. In *emedicinehealth*. Retrieved from www.emedicinehealth.com/broken toe/article em.htm
- Hramdin. (2018, April 20). Pro Athletes Play Through Broken Toes | Mend Clinic Urgent Care, Salem. Retrieved from https://www.mendclinic.com/pro-athletes-broken-toes/
- Hatch, R & Hacking, S. (2003). Evaluation and Management of Toe Fractures. In *American Family Physicians*. Retrieved from https://www.aafp.org/afp/2003/1215/p2413.pdf
- Berry, J. (2017). Is it a broken toe. In *MedicalNewsToday*. Retrieved from https://www.medicalnewstoday.com/articles/320203.php