

# Bunion correction with the Lapiplasty® system when there is arthritis present



FOOT & ANKLE  
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# Bunion

- Hereditary condition in which a deviation of the first metatarsal and big toe develops over time due to the forces of walking
- **Extremely common**
  - 36% incidence
- Shoes cause irritation and pain, but do not cause the Bunion



Most bunion procedures have a BAD reputation because cutting the metatarsal bone does not fix the problem



**1 in 3**  
patients are **dissatisfied**  
with **traditional results**'

up to **70%**  
of bunion patients have their  
**bunions return over time**'

The Lapiplasty method is makes the alignment normal



# What if there is arthritis in the big toe joint ?



No arthritis



Arthritis of big toe joint:  
This needs to be addressed

# Triplane big toe joint fusion is an excellent alternative when there is arthritis in the big toe

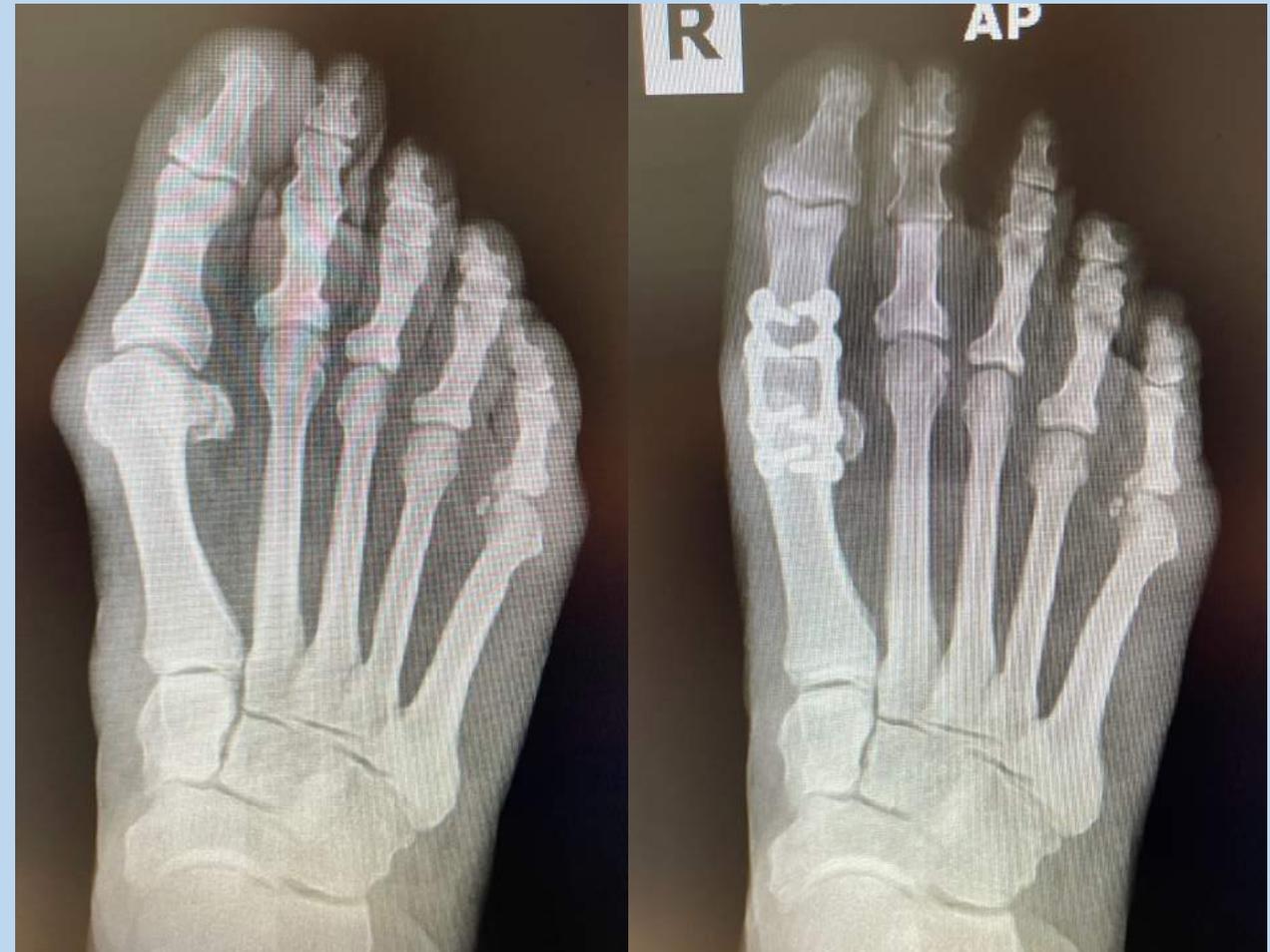
- This procedure treats the bunion and the arthritis simultaneously & prevents big toe joint pain in the future
- The research shows alignment and function are excellent with this procedure



3D Big Toe Joint Fusion

# Studies confirm a wide range of activity is expected after triplane big toe fusion for bunions

- Walking without restrictions
- Running
- Most forms of exercise
- No limitations for work
- Most normal shoes with less than 1.5" heel



# Big toe joint fusion looks & functions excellent

We use the same 3D principles, instrumentation and plating



## Double Arthrodesis (“The Double”)

- Sometimes there is a very severe bunion in addition to big toe joint arthritis and arthritis at the base of the metatarsal
- Both problems need to be addressed to get everything straight and relieve pain
- The “double” is very effective and has a recovery similar to the other Lapiplasty<sup>®</sup> procedures



The “Double” is great for revision of failed traditional bunion procedures



# What are our healing results with Lapiplasty & Fusion?

2018 Study of fusion in 195 of patients

- **97.4 % completely healed**
- One revision for failed plate
- 2% plate removal

Recurrence rate for Lapiplasty®

- **3% in 2017 Study @ 4 centers**
- **1% in 2019 Study done at Midwest Bunion Center**
- Studies on traditional procedures show 25-70% problems

# What To Expect

- An outpatient procedure lasting about an hour
- Usually done with general anesthesia
- We do just one foot at a time, the second side can be corrected after 8 weeks if needed
- Pain is usually minimal to moderate and is controlled with a specific regimen of medications and nerve block
- **6-7 weeks in a walking boot with light activity**
  - Walking 5-10 minutes each hour
- Return to heavy activity and sports after 3 months
- **As with all medical procedures results and recovery timing can vary from person to person**



ON THE STRAIGHT PATH

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