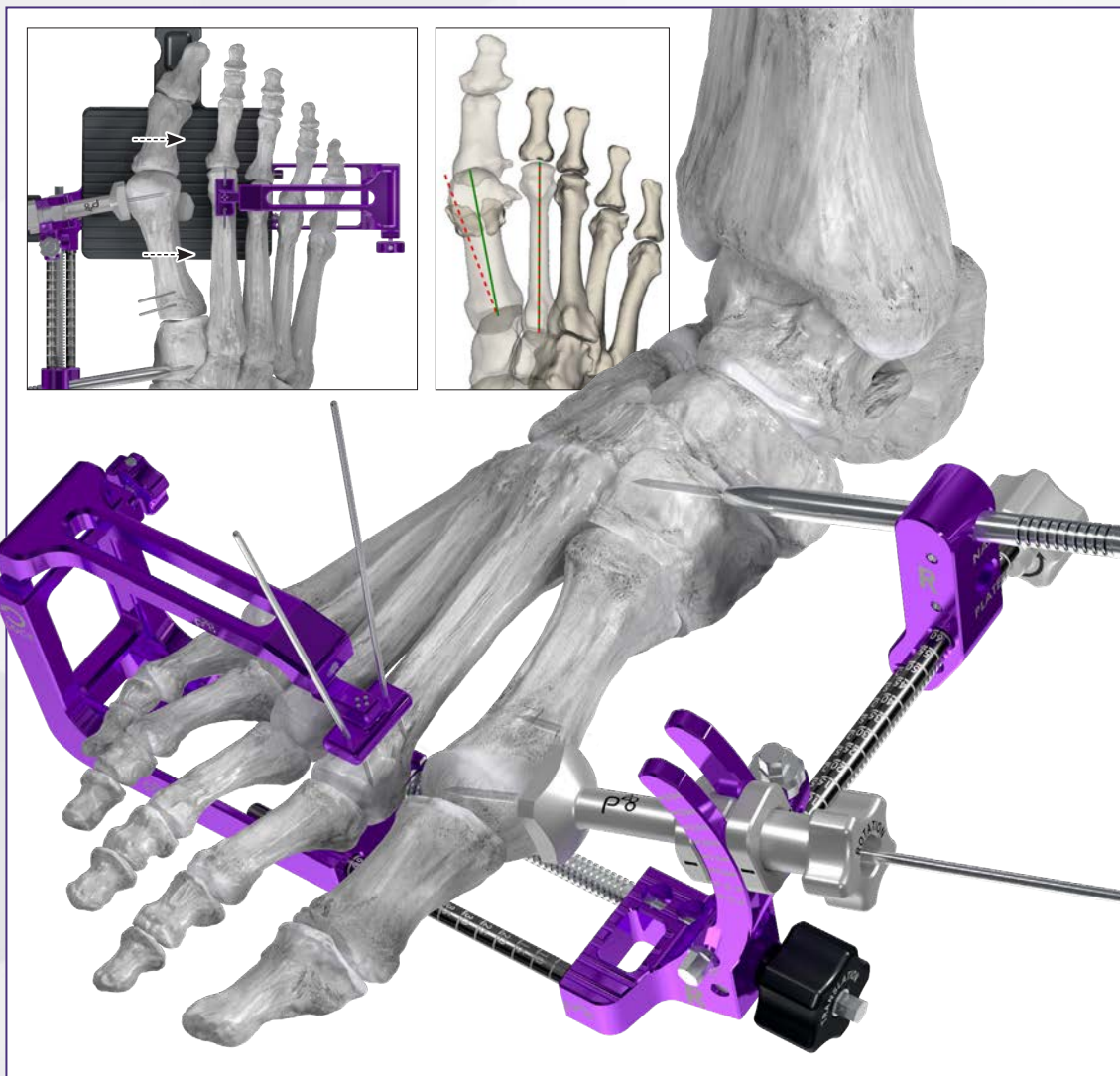




## SMART Bun-Yo-Matic<sup>SM</sup> System



## WHAT IS SMART BUN-YO-MATIC?

SMART Bun-Yo-Matic<sup>SM</sup> revolutionizes preoperative planning and correction for Hallux Valgus with precise patient measurements and powerful visualization tools. Upload X-rays or a weight bearing CT scan for hallux valgus patients to achieve a customized 3D preoperative plan in under ten minutes\*. The plans are supported with the Bun-Yo-Matic<sup>SM</sup> Lapidus Clamp to achieve reproducible Lapidus correction with the ability to control the intermetatarsal angle, correct metatarsal de-rotation, distract the osteotomy for joint preparation, and reduce for fixation according to the plan.

## FEATURES OF SMART BUN-YO-MATIC<sup>TM</sup>

- ▶ Allows for powerful 3D preoperative planning
- ▶ Identifies the recommended Hallux Valgus correction
- ▶ Enhances the ability to assess the 1st TMT joint
- ▶ Detects the presence of abnormal anatomy
- ▶ Measurable correction with the Bun-Yo-Matic<sup>SM</sup> Lapidus Clamp
- ▶ Allows for 3D Analysis from 2D X-Rays

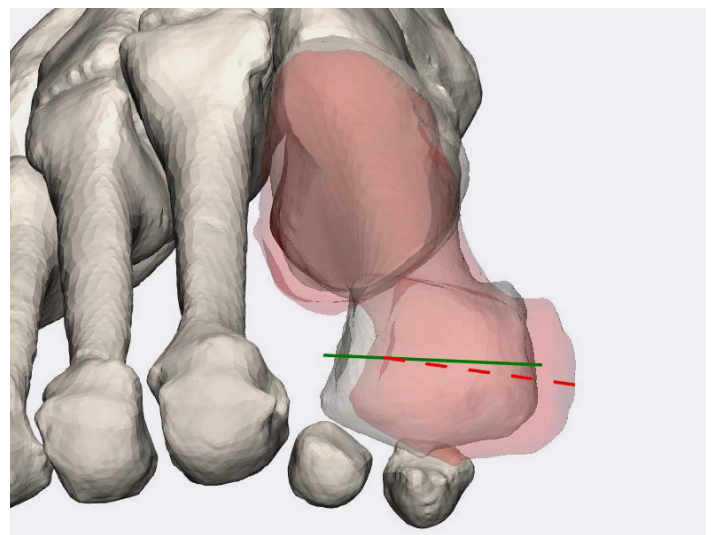
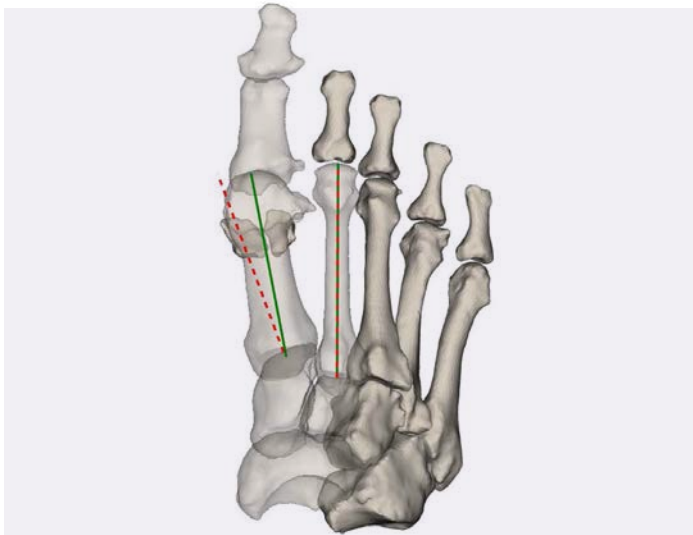
## KEY FEATURES

### Measurement & Axes Generation

Preoperative axes and measurements are generated to provide key measurements to evaluate and correct hallux valgus and associated deformities

### Hallux Valgus Correction Identification

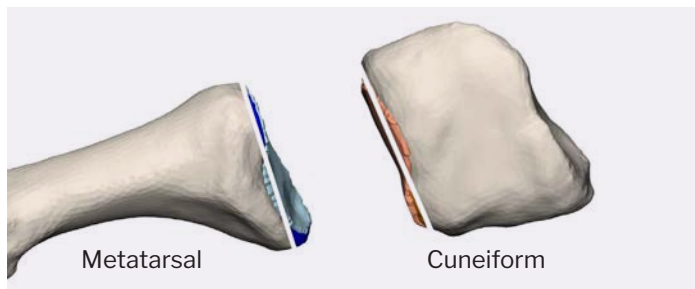
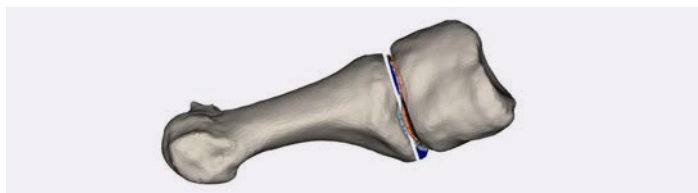
Correction is identified for intermetatarsal angle, hallux valgus angle, distal metatarsal articular angle, and frontal plane rotation



\* Case report generation time will be dependent upon network speed and bandwidth.

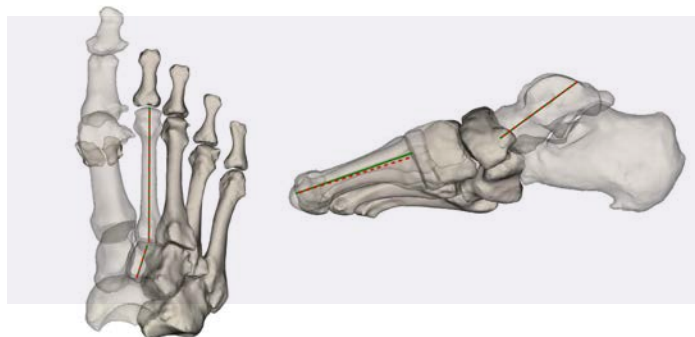
### Enhanced 1<sup>st</sup> Joint Assessment

Visualize the recommended resection of the 1st TMT joint with dorsal and medial oriented views of the cuts on the metatarsal and cuneiform



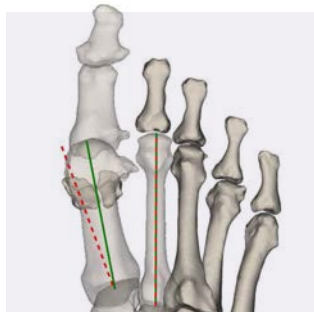
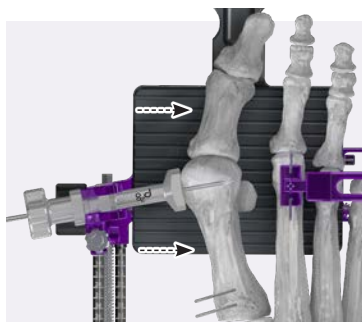
### Abnormal Anatomy Detection

Identify the presence of metatarsus adductus and abnormal sagittal plane alignment

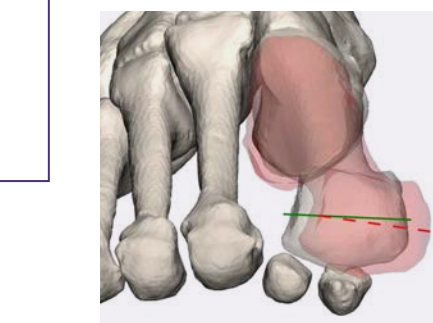
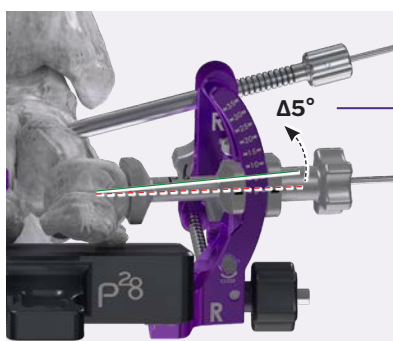


### Measurable Hallux Valgus Correction

Align the intermetatarsal angle and frontal plane rotation to the case report with the Bun-Yo-Matic™ Lapidus Clamp to achieve the desired correction



IMA Adjustment	
1 <sup>st</sup> -2 <sup>nd</sup> Intermetatarsal Angle	
Pre-Op:	15.8°
Target:	9.5°
Bun-Yo-Matic™ Translation: 4 mm	




1 <sup>st</sup> Metatarsal Rotation Adjustment	
Pre-Op:	7.2°
Target:	2.3°
• Bun-Yo-Matic™ Rotation: 5.0°	



## SMART Bun-Yo-Matic<sup>SM</sup> System

**SMBY-BRO-01 Rev A**  
2024-06-19

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