

Supplemental Figure 1: Diagram of the Brannock device and its features.

Before using the device, the moveable arch length pointer and width adjuster are positioned at their slid back and at their widest point, respectively. The patient stands with the heel flush to the heel cup and equal weight distributed between the two feet. Toe length is determined by measuring to the end of the longest toe, while arch length is measured using the arch length pointer and positioning it against the ball joint of the foot. Shoe size is determined based on both heel-to-toe measurement and arch measurement. Width is measured by using the width bar, which is positioned firmly against the edge of the foot. The device is then re-positioned such that the other end is used to measure the opposite foot.

