



Dr. Thurmon Lockhart, PhD¹, Dr. Matthew A. Halanski, MD²

Aditya Misra¹, Vikram Karmarkar¹, Aydin-Kane Vo¹, Carlos Moreno¹, Ethan Langland¹ ¹School of Biological and Health Systems Engineering, Arizona State University, ²Phoenix Children's Hospital





Intraoperative Rotational Guide for Validating Placement of Bone Deformity Correction

BIOMEDICS

Device Manufacturing

Cost Breakdown	
Description	Price
uid used in the spirit level container	\$4.37
used to color the spirit level liquid	\$0.25
attachment/detachment mechanism	\$0.72
d to contain the spirit level liquid	\$1.55
Putting the device together	\$2 Labor
Price per unit to manufacture	\$8.89

Product Specifications

Product Specification	
Description	Range
sable during a surgery in the field?	Yes
nal price range to have high value	10-60\$
es it need specialized training?	Yes
attach to the pins used in surgery?	Yes
it be sterilized for multiple uses?	Yes
Weight of the device	<0.5lbs
Dimensions of the device	<2x4x2in
al minimal degrees of misalignment	1-2 ⁰

Status and Future Work

Future Directions: Explore making this universal for all deformity corrections and multiple devices

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