

BY ORTHOGRID[®]



Advanced, real-time fluoroscopic grid technology designed to enhance intra-operative decision making in Total Hip Arthroplasty (THA).

REVEAL

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WHAT

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While fluoroscopy has shown to have a positive impact on patient outcomes when utilized during Total Hip Arthroplasty (THA), there is one aspect of this technology that is greatly misunderstood: image distortion.

S-DISTORTION is the most prevalent type of distortion and is caused by unseen continuously variable Electromagnetic Forces (EMF). Distortion can cause up to 19 mm in variation from one side of field of view to the other.⁷

Fluoroscopic image distortion cannot be detected with the naked eye and could potentially influence surgeons to make incorrect adjustments, affecting outcomes negatively. When utilized for THA, one study found that grid overlay technology contributed to increased accuracy and precision of implant component placement.⁶

ADVANCED FLUOROSCOPIC GRID TECHNOLOGY

DESIGNED TO ENHANCE INTRA-OPERATIVE DECISION MAKING IN TOTAL HIP REPLACEMENT

Universal C-arm manufacturer compatibility

Reveals hidden fluoroscopic distortion

Integrates with current surgical workflow

Interfaces with existing hospital equipment

Open platform - compatible with all implant systems

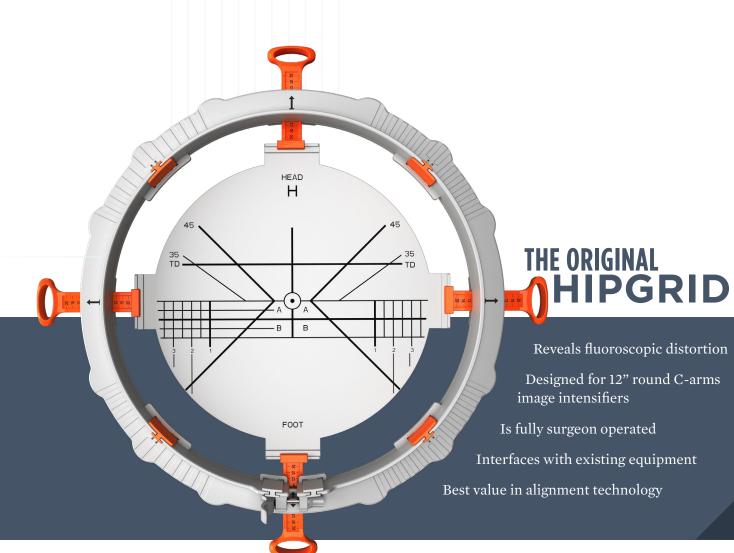
Now available for 9" and 12" image intensifiers





DISTORTION REVEALING & FULLY SURGEON OPERATED

HIPGRID HAS BEEN ENGINEERED WITH SIMPLICITY IN MIND, ALLOWING FOR SEAMLESS INTEGRATION INTO THE TOTAL HIP REPLACEMENT WORKFLOW. UNIVERSAL BOA' Fit Attachment System BOA's fine tune fit provides simple, secure, and universal fit for all 9" C-arm image intensifiers.



THE ALL NEW HIPGRID NINE Iesser visible in

Designed to be used with a 9" C-arm when both lesser trochanters are not visible in the field of view and the surgeon desires to compare 2 AP hip views, utilizing the Tear Drop Target surgical technique.



HEAD

HIPGRID 9" AND 12" AID IN DETERMINING

PELVIC PITCH[™]

PELVIC OBLIQUITY

ACETABULAR CUP POSITION

HIP OFFSET

LEG LENGTH RESTORATION

35

LEG LENGTH

TD

HEAD

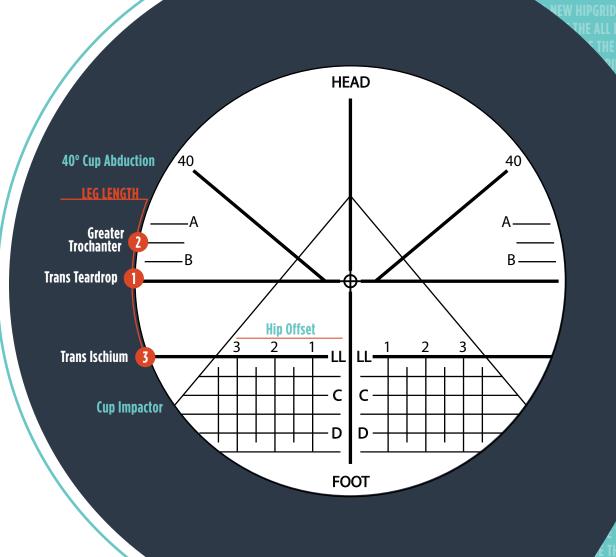
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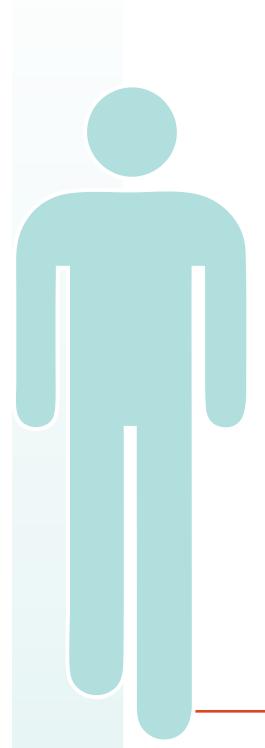
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HIP OFFSET

2



Both HipGrid 9" and 12" empower surgeons to more fully evaluate component positioning and anatomical alignment intra-operatively. ALL NEW HIPGRID NINE THE ALL NEW HIPGRID NINE



70% of readmissions are attributed to **STABILITY & ALIGNMENT ISSUES** in primary THA surgeries¹

average READMISSION RATE | 10.5% at 90 DAYS after Primary THA¹

average COST OF A READMISSION | \$36,068 due to a surgical complication²

DISLOCATION is the main indication for revision for a THA surgery at 17.3%³

average total charge for REVISION THA SURGERY | \$77,852³

78% of arthroplasty surgeons have been named in at least 1MALPRACTICE LAWSUIT⁴

average INDEMNITY PAYMENT | \$386,1535 for negligent THA

OVERCOMING **CLINICAL COMPLICATIONS**

FLUOROSCOPIC GRID STUDY RESULT A fluoroscopic grid in supine THA⁶

LEG LENGTH +/- 10mm 00%

CUP ABDUCTION 30-50

HIP OFFSET

INCREASED EFFICIENCY WITH A DECREASE IN PROCEDURE TIME BY -15MIN





83% without



COMPETITIVE MARKET ANALYSIS



OUTPATIENT SOLUTIONS **ENHANCE YOUR C-ARM'S FUNCTIONALITY**

OrthoGrid provides exceptionally cost-effective tools for physicians to enjoy better intra-operative feedback while avoiding the unaffordable costs and reoccurring fees of complex and unwieldy robots.

PRICED TO DELIVER THE INDUSTRY'S BEST VALUE

From our advanced digital PhantomMSK Hip Technology to our Original HipGrid, OrthoGrid's products provide:

CLINICAL VALUE

Enhances fluoroscopic visualization to assist in component positioning and anatomic alignment to maximize postoperative hip stability.

ECONOMIC VALUE

Designed to assist the surgeon in preventing common causes of complications and re-operations in THA as well as the associated costs of readmissions, additional medical treatments, and potential legal fees.

INSTITUTIONAL VALUE

Integrates seamlessly with existing hospital equipment & surgical procedures to potentially save time and obviate the need for expensive medical navigation products.



aim for perfection^m

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