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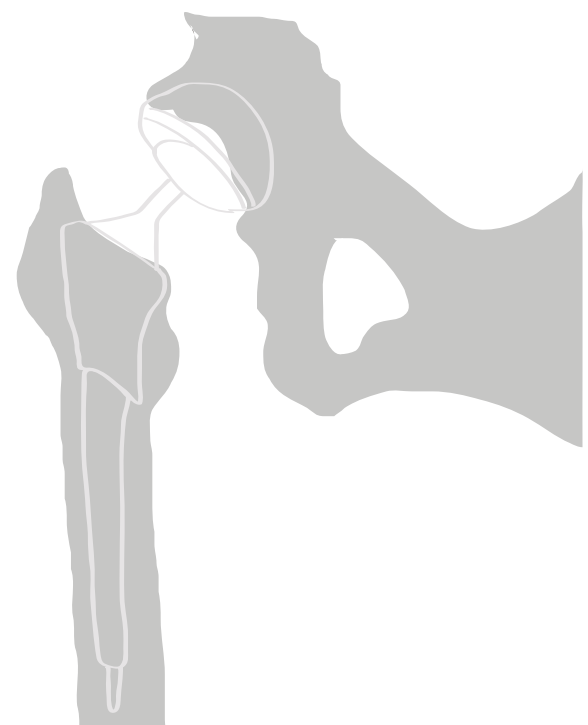
TraumaCad<sup>®</sup>

# **DIGITAL TEMPLATING**

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TraumaCad<sup>®</sup> provides orthopedic surgeons with digital tools to perform preoperative planning and simulates the expected results prior to surgery.

Using digital images on-screen, you can perform measurements, fix prostheses, simulate osteotomies and visualize fracture reductions.



# DESIGNED FOR ALL PROCEDURES

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HIP



Quick and intuitive pre-op THR planning in a single click, including advanced post-op evaluation tools.



KNEE



Plan resection lines, template and evaluate post-op results on AP and lateral images simultaneously.



UPPER LIMB



Optimization of primary joint replacement, complex reconstructions and osteotomies.



FOOT & ANKLE



Innovative modules with common foot measurement tools, including unique wizards for hallux valgus related angles.



PEDIATRIC



Wide range of pediatric specific measurements, including deformity correction and growth calculator.



DEFORMITY



Easy-to-use wizards produce measurements and planning tools for deformity correction including external fixation.



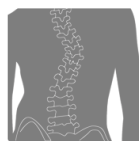
TRAUMA



Define, rotate, and reduce fracture fragments, and determine nail, screw, and plate sizes.



SPINE



Multiple spine measurement tools, including cobb angle, osteotomy, and fragment manipulation.



3D



TraumaCad 3D suite offers digital templating with CT and MR.

# BENEFITS

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- > Precise and accurate
- > Predict component size and configuration
- > Increase confidence by digitally planning complex procedures
- > Demonstrate the procedure to patients
- > Always up to date implant library
- > Help control costs - reduce film printing and assist with inventory management

# KEY FEATURES

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Automatic Procedures



Automatic detection of anatomical regions in the image allows doctors to save valuable time for planning THR, deformity correction, and Taylor Spatial Frame.

Web Access



Access TraumaCad through Qentry image sharing wherever you are.

Accurate Calibration



Accurately calibrate images and measure patient anatomy easily using the automatic detection of KingMark and VoyantMark calibration devices.

Template effortlessly



Easily place and manipulate implants from TraumaCad templates library. The library is automatically updated, typically every month.

Measurement Tools



Use over 70 common measurement tools and automatic wizards, specifically designed for each procedure.

Touch Screen



Touch screen mode allows you to plan on Windows 7 & 8 touch displays, using multi-touch gestures.

Pre-Surgical Reports



Automatically generate pre-surgical reports including patient images, implant information, measurements taken, and your comments.

PACS Integration



Seamlessly integrated with virtually any PACS, TraumaCad can be integrated in the viewer or launched independently.

# INTEGRATED WITH PACS

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Supporting the DICOM standard, TraumaCad can be integrated in the PACS viewer or launched independently. Planned cases can be saved back to PACS, local storage, or a cloud account. JPG, scanned images, and digital camera images can also be imported, providing the surgeon multiple options. TraumaCad is designed to provide a flexible PACS workflow that suits the enterprise or small private practice.

**PHILIPS**

**stryker**<sup>®</sup>

VISUS 

**FUJIFILM**

**AGFA** 



  
A S P Y R A

Carestream   
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 **INFINITT**

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 **DR SYSTEMS**  
ENTERPRISE IMAGING EXCELLENCE

  
**NOVARAD**  
RIS | PACS FOR LIFE

 **Intelera**<sup>®</sup>

 **CERNER**

**RamSoft**  
RIS PACS Teleradiology

**MCKESSON**  
Empowering Healthcare

# TRAUMACAD EDITIONS

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TraumaCad offers deployment options specific to the needs of your network and PACS. Choose the best option to deliver comprehensive planning capabilities to surgeons through a simple and reliable workflow.

## TRAUMACAD WEB

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Access TraumaCad anywhere with online access from any compatible PC.

- > Software as a service, annual subscription per user
- > Brainlab maintained server with always up to date software versions
- > Secure, collaborative workflows with implant reps
- > PACS integration and enterprise licensing options
- > Quentry online image viewer and iOS viewing apps [Learn more](#)

## TRAUMACAD SERVER

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Windows Server based software for the small practice to multi-region enterprise.

- > Concurrent user and enterprise licensing options
- > Software is hosted on customer provided hardware
- > Virtualize or run native alongside other applications
- > Clients deployed by Microsoft ClickOnce technology for hassle-free administration
- > Roaming profiles via Active Directory

## TRAUMACAD TOUCH FOR BUZZ

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Multi-touch user interface optimized for Brainlab's Buzz digital OR. [Learn more](#)

## TRAUMACAD STANDALONE

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Standalone application to be installed on a single PC.

# OUR CUSTOMERS

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TraumaCad was first released to the market in 2003, became part of Brainlab's product portfolio in 2011, and includes over 2000 customer sites globally. Brainlab develops, manufactures and markets software-driven medical technology with the aim of optimizing patient treatments. Core products revolve around less-invasive image guided surgery technology, more accurate and effective radiation therapy, and integration through planning and collaboration systems that brings patient data and physicians together.

## SUPPORT

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Our global support call center is standing by 24/7 to address any question or comment you might have. [Learn more](#)

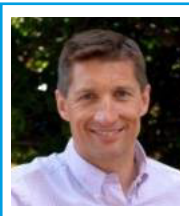
## TESTIMONIALS

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*“TraumaCad helps me to complete an important step in my preoperative planning and provides me with a time stamped, digital record for future review.”*

**Mr. Richard E Field PhD FRCS FRCS(Orth)**  
St. Anthony's Hospital, Surrey, UK



*“TraumaCad is a very sophisticated software system which makes my life as a deformity surgeon so much easier. It is easy to use and has a modern clear interface. For planning and templating in orthopaedics, there really is no point looking elsewhere.”*

**Mr. Michael Uglow MB BS, FRCS (Tr & Orth)**  
University Hospital Southampton, NHS Foundation Trust, Hampshire, UK



*“I have been using TraumaCad since 2005 and I can easily say that it is an essential tool for every orthopaedic surgeon/department. It caters to trauma planning, joint arthroplasty and deformity planning. It even has clever tools for paediatric orthopods. I have seen other products in the market before buying it for our institute and I found no other planning software as comprehensive as TraumaCad.”*

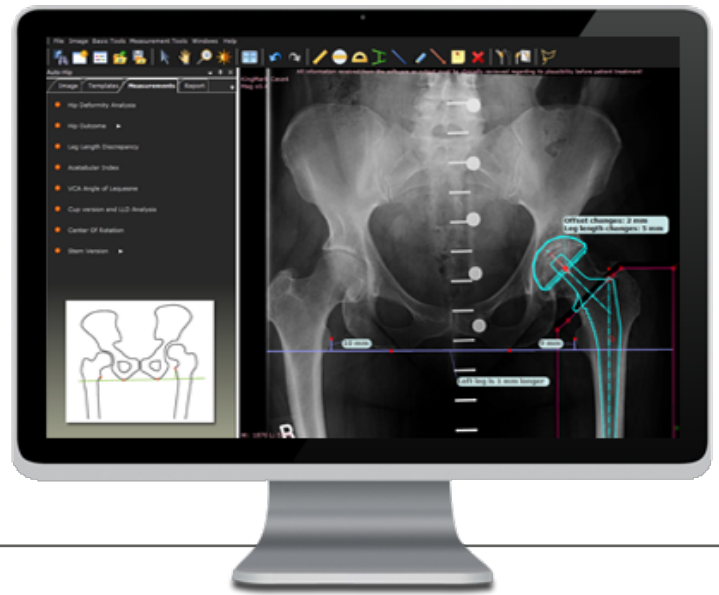
**Mr. Om Lahoti, MS(Orth), Dip N B (Orth), FRCS (Orth), FRCS (C)**  
Kings College Hospital, London, UK

# CONTACT US

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We welcome you to sign up for a free  
30 day trial of TraumaCad:  
[traumacad.quentry.com](http://traumacad.quentry.com)

For more information and any questions:  
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[brainlab.com/contact-us/offices](http://brainlab.com/contact-us/offices)

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