

# PHILIPS

## Image Guided Therapy

### Mobile C-arm System 3000

#### Zenition 30



Give your surgical teams simple, flexible imaging to make fast, informed decisions with Philips Image Guided Therapy Mobile C-arm System 3000 – Zenition 30. Features such as unique Surgeon Control, User Profiles and the Touch Screen Module offer personalized control and clarity to enhance speed and decision-making for users working with constrained facilities.



#### **Unique surgeon control allows for greater user autonomy**

Conveniently position the C-arm from the table side, with the help of electromagnetic brake controls mounted on the surgeon handle on the detector housing. Surgeon Control allows you to unlock the brakes with the press of a button, and to re-position the C-arm quickly – accelerating your surgical workflow and reducing dependence on surgical staff.



#### **Personalized IQ enhances imaging consistency**

One-click procedure-specific protocols allow you to define your required imaging parameters with an appropriate X-ray dose, according to the ALARA principle. Simply select from a list of predefined system and image quality preferences, based on contrast, sharpness, blur, noise and other parameters.



#### **Electromagnetic brakes help reduce manual effort and optimize workflow**

Electromagnetic brake controls are located on either side of the C-stand, reducing the manual effort required to lock and unlock the brakes. As the brakes can all be released from a single place, this feature further contributes to an enhanced workflow for technicians.



#### **Dedicated pediatric mode**

Examination settings enable low dose modes for pediatrics. Imaging and dose settings can be tailored to small objects and pediatric patients by removing the X-ray grid.

**Please turn over to learn the key findings about these features from the claims substantiation studies performed with EU and USA-based clinicians.**



In 2022, two claims substantiation studies were conducted for the Zenition 30 system, in Best (Netherlands) and Cleveland (Ohio, USA). In each case, the OR environment was simulated with clinical users (including orthopedic surgeons, vascular surgeons, abdominal surgeons, technologists, and OR nurses) in a test lab environment.



Involving  
**16 clinicians**  
from the EU  
**34 clinicians**  
from the USA



**A system that puts you in charge**  
Zenition 30 puts surgeons in control of the workflow, allowing for sharper focus on patients during procedures.

## Key findings

**84% of users<sup>1</sup>**

believe the combination of Surgeon Control and the Touch Screen Module can reduce the need for supporting staff

**97% of users<sup>2</sup>**

said that the Surgeon Control gave them a strong feeling of control during C-arm angulations

**84% of users<sup>3</sup>**

believe that using personalized IQ profile, fewer images might be needed during a procedure as the first image already incorporates the preferred settings



**84% of users<sup>2</sup>**

believe that the dedicated pediatric mode could lead to more confidence in treating pediatric patients

**98% of users<sup>3</sup>**

believe that the electromagnetic brakes support an efficient workflow

**90% of users<sup>4</sup>**

who experienced the Touch Screen Module believe that being able to control the radiation/image acquisition settings could lead to lower radiation exposure



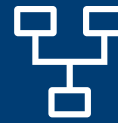
Outstanding user experience



Enhance your clinical capabilities



Increase surgeon autonomy and control



Reduce workflow steps



Allow surgeons to focus more on surgery and less on communication



<sup>1</sup> Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 42 clinicians around the world, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.

<sup>2</sup> Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 37 clinicians around the world, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.

<sup>3</sup> Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 50 clinicians around the world, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.

<sup>4</sup> Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 41 clinicians around the world, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.

- Pending 510(k). Not available for sale in the U.S.A.

- Zenition 30 mobile C-arm systems are available for sale in a limited number of countries. Please check with your local representative for availability in your market.