

Planmed *DigiGuide*





DigiGuide

experience



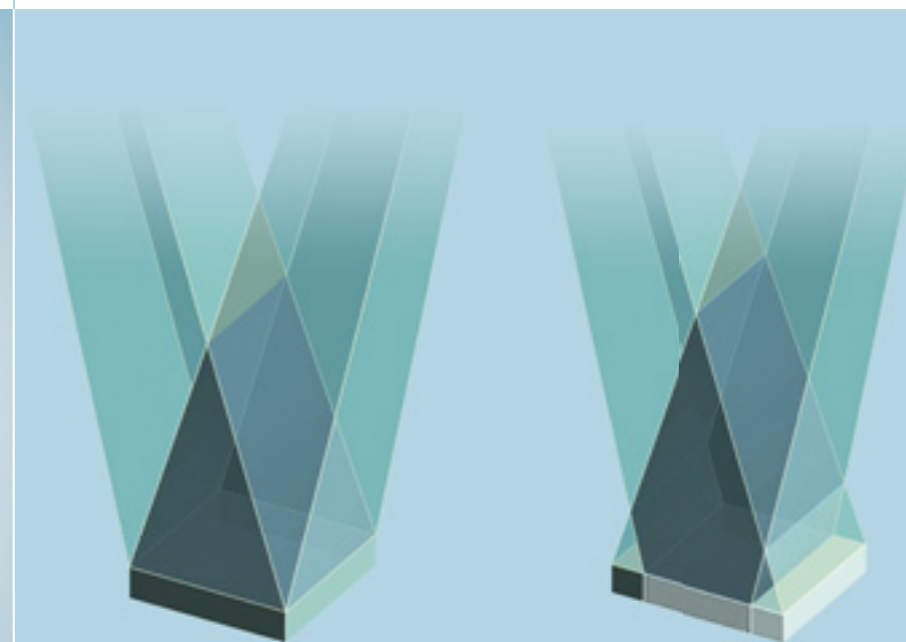
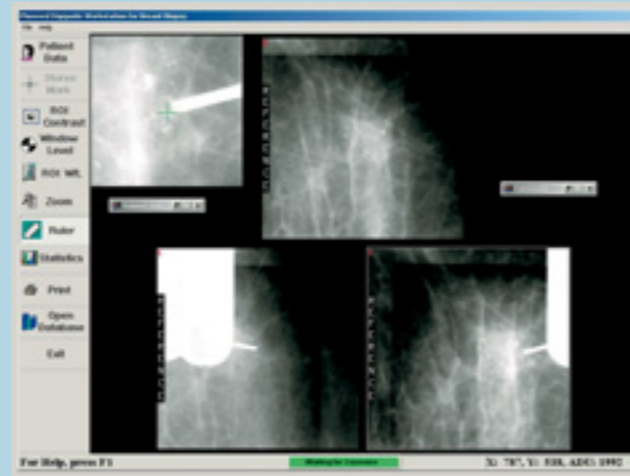
EasyTarget confidence

The challenge in stereotactic targeting of a breast abnormality is the relatively small size of the target area within the breast. Since traditional stationary digital cameras are not optimized for stereotactic imaging, the likelihood of a lesion remaining outside of the specified targeting area is high. Planned's EasyTarget is a volume optimized targeting system for improved and facilitated stereotactic lesion access. Utilizing a movable digital cassette, EasyTarget optimizes the shape and volume of the field of view resulting in accurate targeting and easy biopsy procedure.

In comparison to traditional stationary digital cameras EasyTarget captures more breast tissue into the targeting field of view. The reshaped targeting area can include 13-40% (4-8cm breast thickness) more breast tissue within the three dimensional space. Furthermore, the user can optimize the stereotactic procedure based on the thickness of the compressed breast, resulting in easier accessible lesions and, consequently, fewer retakes and faster biopsy procedures.

Diagnostic mammography is a highly demanding imaging procedure and can be challenging for clinicians. Optimal image quality together with precise biopsy needle positioning is required to ensure the shortest possible examination time. The Planned DigiGuide system with a compact movable digital cassette and accurate stereotactic biopsy unit provides high quality digital images and efficient lesion targeting. Ease of use is achieved through integrated control electronics and comprehensive DigiGuide software.

digital stereotactics



Triangular volume with stationary digital camera

Optimized EasyTarget volume with movable digital cassette

The Planmed DigiGuide comes with a variety of solutions designed to increase chances for early cancer detection while improving the day-to-day workflow in your department. Slide the digital cassette into the Auto-Load Bucky and just seconds after the exposure, view high quality digital spot images on the computer screen. A pixel size of twenty-four microns provides fine detail resolution for imaging in the digital spot mode.



DigiGuide software is the heart of the Planned DigiGuide workstation which includes image acquisition, review, enhancement tools and data storage. The versatile software is tailored for digital stereotactics as well as for digital spot imaging. The high quality images are automatically optimized by image processing algorithms and promptly displayed on the acquisition station. Comprehensive image optimization and measurement tools provide further possibilities to enhance the diagnostic value of these images.



digital spot imaging



digital workflow

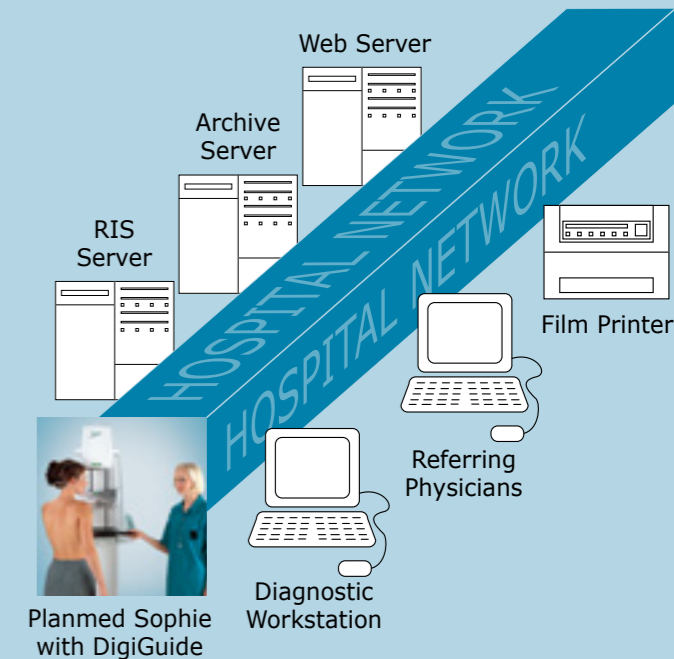
Lesion detection can be further enhanced by using the digital cassette in the adjustable geometric magnification mode or together with the optional MaxView Breast Positioning System.

Planmed's optional accessory unit provides ample storage space for the digital cassette, the acquisition workstation and the Cytoguide. This movable unit ensures that components are always within reach when needed. Ultimately, the DigiGuide system can be easily combined with Planmed's mobile mammography units allowing digital spot images and digital stereotactic procedures to be performed in remote settings.



Digital images saved to the DigiGuide database of the acquisition workstation can be easily communicated across other imaging systems and networks. DigiGuide supports DICOM 3.0, the standard of digital imaging communications in medicine.

The user can select the best personal solution for printing and archival from the comprehensive set of optional DICOM modules: DICOM Print, Storage, Small Media Archive (SMA), Query/Retrieve, Storage Commitment, and Modality Worklist Management.





technical specifications



Planmed offers a comprehensive range of mammography systems and optional accessories:

- Planmed Sophie
- Planmed Sophie Classic
- Planmed Sophie Mobile
- Planmed Sophie Classic Mobile
- MaxView Breast Positioning System
- Planmed Cytoguide
- Planmed DigiGuide
- Planmed Radiation Protection Screen
- Planmed Accessory Storage Unit
- Planmed Network ID Camera

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