

# VISUALIZE. TARGET. DIAGNOSE.

## IMAGE-GUIDED VACUUM-ASSISTED BIOPSY WITH NU:VIEW



## MAXIMUM EFFICIENCY AND ACCURACY THROUGHOUT THE WHOLE WORKFLOW

nu:view, the world's first spiral breast CT scanner, utilizing direct-converting, photon-counting detector technology, now features **an innovative biopsy option that streamlines the entire procedure from biopsy planning to tissue sampling.**

Rapid and stable **transition between diagnostic scan mode and biopsy mode takes just two simple steps,** seamlessly and without delay, thanks to the specially designed mounting structure.

# HIGHLIGHTS AT A GLANCE



## FAST

- **Quick installation & simple breast fixation mechanism** with a specially designed mounting structure
- The whole biopsy procedure takes approximately **20 minutes**
- **Quick toggle between planning and control scan views** for smooth workflow



## EFFICIENT

- **Seamless switch** between diagnostic scan mode and biopsy mode
- **Circular control scans** focused on the target save time and radiation dose
- **Fully sterilizable** biopsy unit with **interchangeable grids** for zero downtime



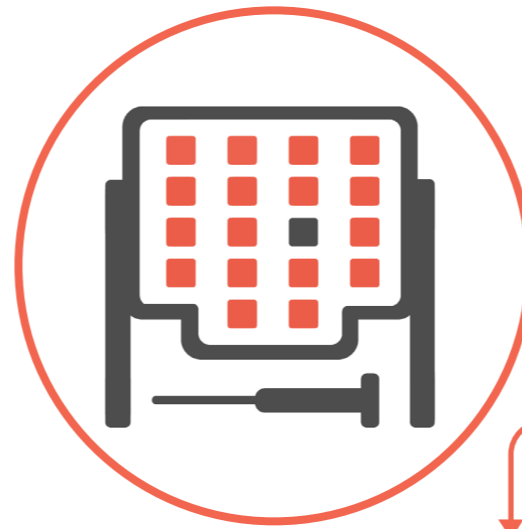
## PRECISE

- **3D superimposition-free imaging** provides clearer lesion visualization for more reliable biopsies
- **Accurate single-plane measurements** to evaluate distances (e.g. skin to lesion)
- **Integrated lighting system** for optimal illumination of the biopsy area

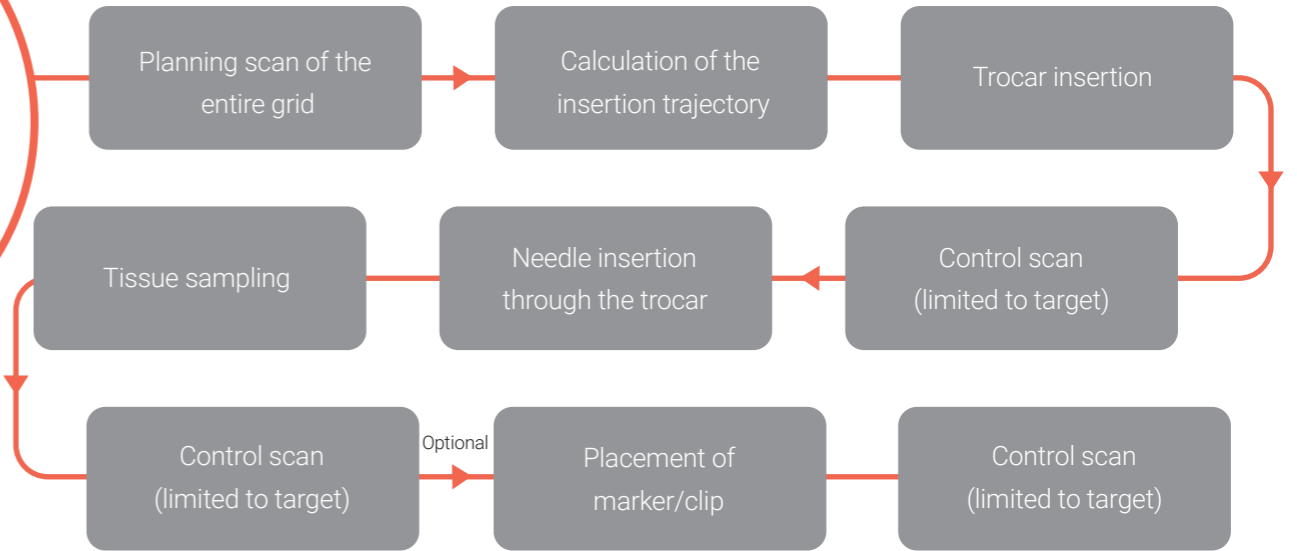


## INTUITIVE

- **Fully automated navigation software** ensures accurate targeting with minimal effort
- **Automatic planning and control scan positioning** based on grid and target coordinates
- **Compatible with existing vacuum biopsy devices** for easy clinical integration



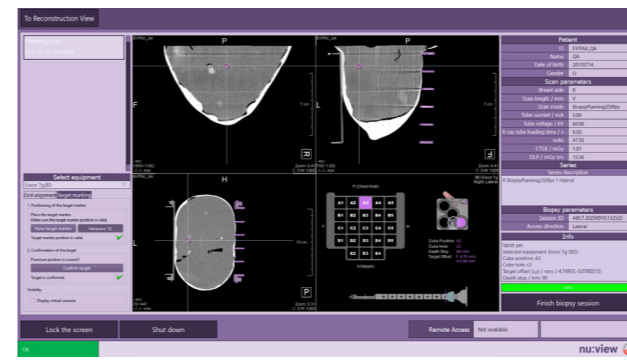
# FROM SCAN TO SAMPLE



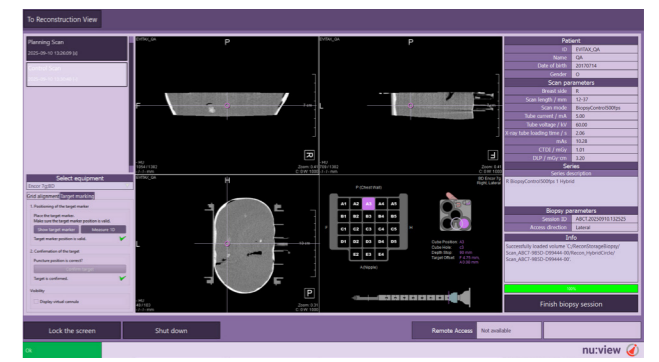
High-resolution imaging enables **exact localization of the target area**. The powerful software delivers **fully automated navigation calculation**: simply click on the target region, and the system **instantly calculates the optimal insertion point** by automatically determining the position and orientation of the cube within the grid, **displaying this information clearly** both as text and visually. It also shows the needle position inside the cube and the insertion depth, providing comprehensive guidance.

Due to the discrete insertion positions inherent in the Grid and Cube system, the software also displays the offset between the actual needle notch position and the target region, **enabling the operator to precisely understand and adjust the needle positioning**.

The system also **automatically determines the optimal scan position and length for planning and control scans** based on the user defined grid and target position. It is **fully compatible with existing vacuum biopsy systems**, ensuring seamless integration into established clinical environments.



Target selection and parameter calculation in the planning scan



Circular control scan focused on the target

Thinking Women!



## WE ARE AB-CT

AB-CT – Advanced Breast-CT is advancing breast diagnostics with nu:view, the first dedicated breast scanner system using photon-counting spiral acquisition. Far from being a conventional CT, it is designed specifically for breast diagnostics where mammography, tomosynthesis, ultrasound, and MRI reach their limits. For women, nu:view offers a pain-free experience of only a few seconds duration, giving them greater confidence in the accuracy of their breast diagnostics. Our vision is to empower radiologists worldwide with a new clinical standard in breast imaging.

## LEARN MORE nu:view Breast CT



Want to learn more about real 3D breast imaging with nu:view and explore the possibilities? Please contact us at: [ask.crm@ab-ct.com](mailto:ask.crm@ab-ct.com).

**DISCOVER MORE**  
[ab-ct.com](http://ab-ct.com)

Disclaimer: Please contact AB-CT to check availability in your territory.