



— **NEXT GenWorks** —
Defining tomorrow, *today.*

 **BRASTER[®] PRO**



INNOVATIVE BREAST EXAMINATION SYSTEM FOR HEALTHCARE PROFESSIONALS

EN18/8.1/Pro

 **BRASTER[®] PRO**

CE
2274

**JOIN THE REVOLUTION IN
BREAST EXAMINATION TODAY!**



RELIABLE



PAIN-FREE



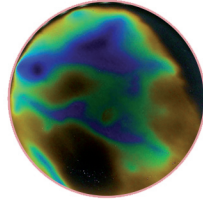
NO RADIATION

WHAT IS BRASTER PRO?

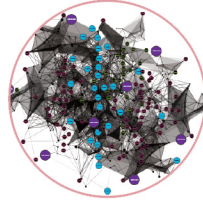
Braster Pro is a certified class IIa medical device for use in clinical settings which:



is **complementary** to ultrasound and mammography examinations



differs from breast ultrasonography in that it uses **liquid crystal contact thermography** to detect thermal changes from the surface of the breast, **even at an early stage**



uses **AI algorithms** that are able to interpret the thermographic images produced during the examinations



detects thermal irregularities that require confirmation by diagnostic methods or healthcare consultation



KEY BENEFITS OF BRASTER PRO



Affordable, mobile and easy to handle – greatly increases access to breast examinations

- compact (13 x 17.2 cm);
- light (393 g).



Designed for women:

- at every age;
- with any breast size and structure;
- with breast implants.



3 mm

Able to detect very small changes in the breasts

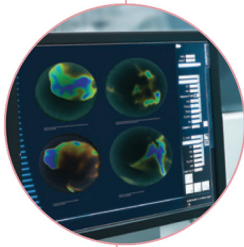
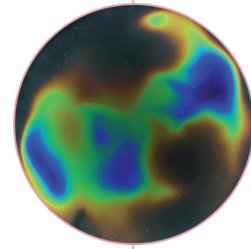
- the smallest neoplastic lesion detected by Braster was 3 mm (mixed structure of breast, USG – BIRADS 4B ductal carcinoma).

WHAT DOES THE EXAMINATION WITH BRASTER PRO LOOK LIKE?



STEP 1: The Braster Pro examination is performed by an HCP with the support of a dedicated mobile app and takes about 15 minutes.

STEP 2: During the examination thermographic images are created on the liquid crystal matrix, representing the temperature distribution across the breasts.



STEP 3: The thermographic images of the breasts are sent to the Telemedical Center, where they are analyzed by artificial intelligence algorithms.

STEP 4: The results are available in the HCP's individual account within a couple of minutes.

- In some cases the results may need additional verification by Braster's medical experts, and in such situations they are available in the HCP's account within 48 hours.



THE EFFICACY OF BRASTER PRO HAS BEEN CONFIRMED

81.5%
sensitivity*

(95% CI [64.1; 92.6])

87%
specificity*

(95% CI [64.1; 92.6])

71%
PPV*

(95% CI [53.7; 85.8])

92.2%
NPV*

(95% CI [83.7; 97])

* Conclusion from observational studies on a group of women under the age of 50.

The studies also proved that:



patients with BIRADS 4A (from ultrasonography) and a **positive** result in contact thermography were more than twice as likely to have breast cancer,



patients with BIRADS 4A (from ultrasonography) and a **negative** result in contact thermography were more than three times less likely to have breast cancer.



WHAT KIND OF LESIONS CAN BE DETECTED?

Braster Pro is able to detect highly vascularized lesions that are strongly correlated with malignant changes, such as:

- ductal cancers,
- lobular cancers,
- papillary cancers,
- inflammatory cancers,
- strongly vascularized fibroadenomas, post-inflammatory cysts with a vascularized theca, breast inflammations.

It is important to note that Braster Pro does not detect benign lesions that are not vascularized or are poorly vascularized, i.e. fibroadenomas with decreased vasculature or involuted (calcified) fibroadenomas, breast cysts, duct ectasia, lipomas, and microcalcifications.

