

Digital Mammography with PCR The step-by-step concept

Because your patients
trust you

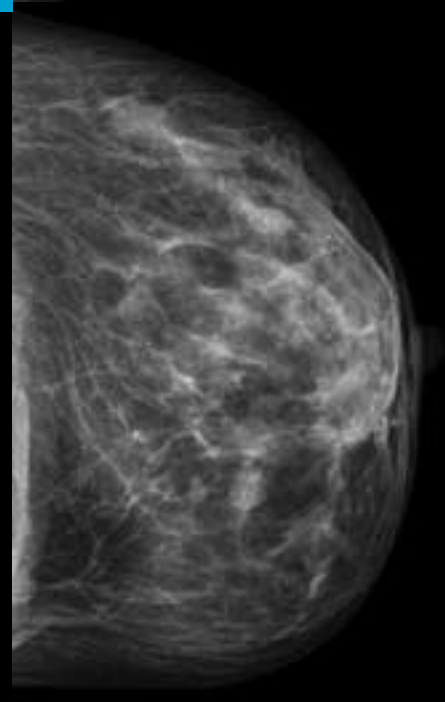
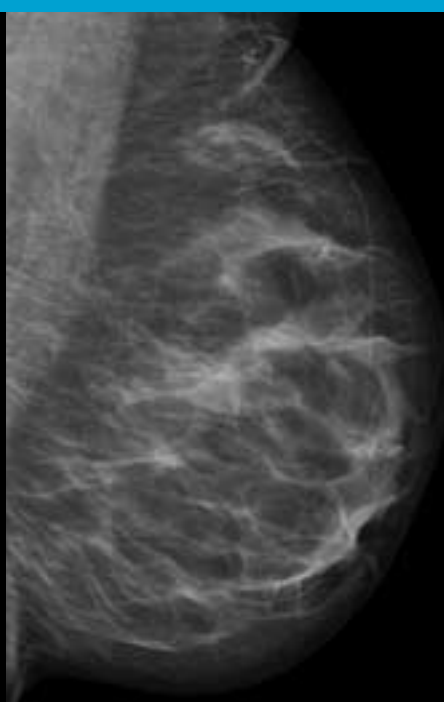
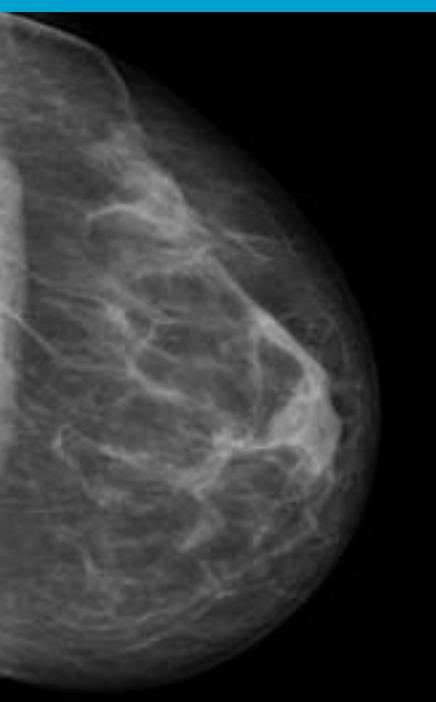
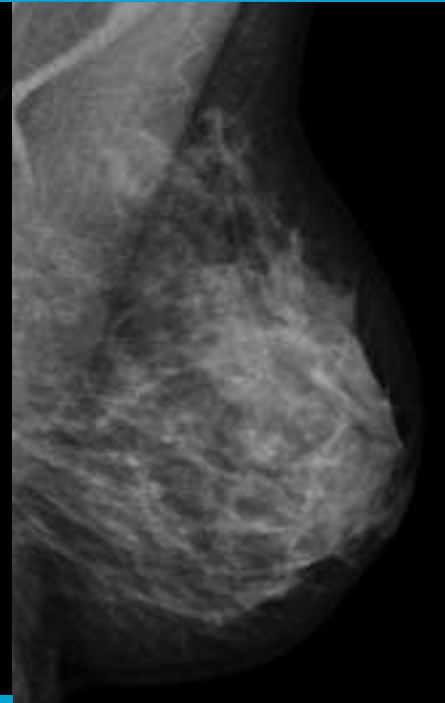
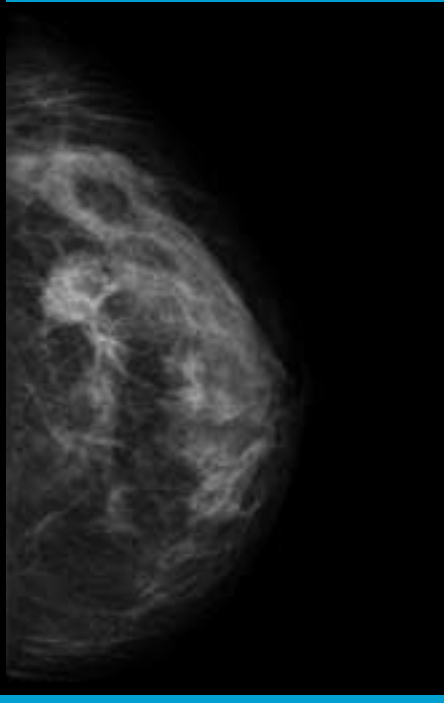
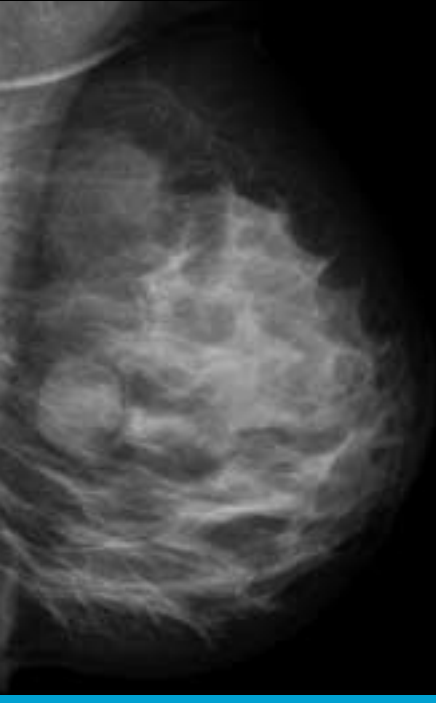
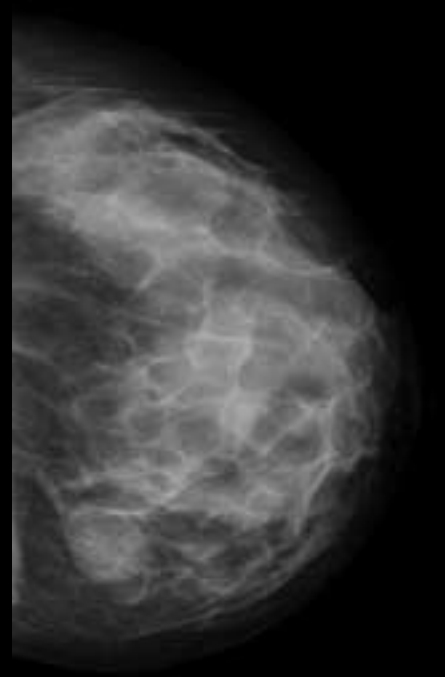
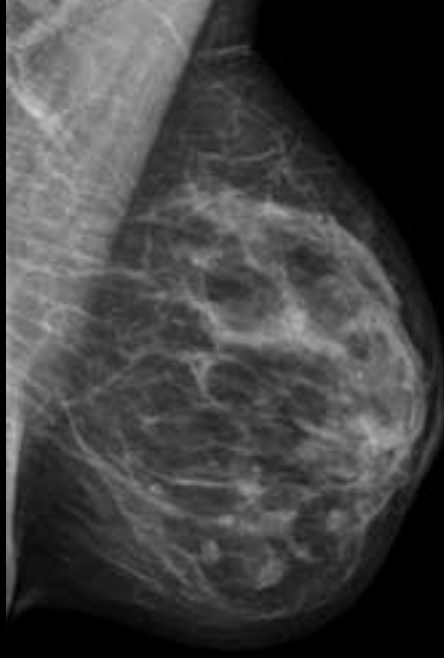
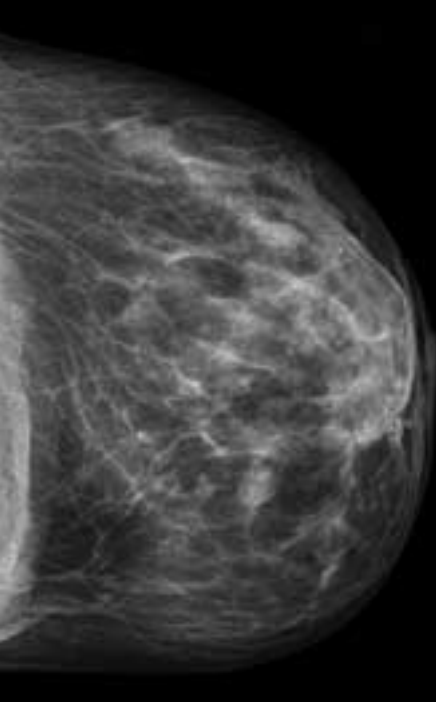
PHILIPS



*Happiness is to live like the rest of
the world but yet remain unique.*

*Simone de Beauvoir
Author and philosopher*

One of the most complex medical tasks is ensuring conclusive viewing in mammography. In addition, medical facilities must reconcile mammography with the economic needs of lean processes. The task is to meet both these challenges. Outstanding technical equipment provides invaluable support and delivers excellent digital images every day, ensuring an absolutely smooth workflow.



Doing justice to
the **uniqueness**
of each woman – and
economic necessities
at the same time:

the Philips concept
for **excellent** digital
mammography

The whole than the sum of

Aristotle
Philosopher

MammoDiagnost: the confidence builder

A woman undergoing a mammography must have complete confidence in the equipment from the very beginning. Tested internationally, MammoDiagnost generates this trust – on the part of the patient and radiologist.

An all-round genius: reliable in every respect

With MammoDiagnost, all examinations and even treatment can be performed at one location therefore saving space. As a single system, it allows for high-volume screening, special views, magnification and stereotactic biopsies. In addition, it is an ideal basis for digital images and is thus a secure investment for the future.



e is more f its parts

A major contribution: cooperation made easy

MammoDiagnost's ergonomic design and flexibility puts the patient at ease and encourages cooperation. Gentle and conclusive examinations are ensured through easy positioning, optimized compression and dose, as well as individual settings for individual breasts.

A huge relief: digital stereotactics

Besides creating perfect images you can also perform digital stereotactics. The patient can sit or lie in a relaxed position – while virtual real-time display, intuitive user interface and automatic calculation of biopsy coordinates permit significantly shorter examination times than conventional biopsies.



MammoDiagnost

- **All-round system for all mammography tasks**
- **Numerous user and patient-friendly features**
- **Perfect fit for the Philips digital mammography concept**

The definition of flexibility: easy implementation of any projection.

All confidence absolute is

Francis Beaumont
Poet

PCR CosimaX: creates digital brilliance

The current and future path of mammography is digital. PCR CosimaX combines the twofold benefits of digital technology: immediate availability and outstanding image quality. With 50 μ pixel size, 8 lp/mm and a 50% increase of DQE, you have a truly reliable basis for conclusive diagnoses. Furthermore, you will profit from Philips image processing software UNIQUE – the market's leading technology.

The choice is yours

PCR CosimaX is the perfect entry to digital radiology – and it can be ideally integrated into your overall digital environment. Every time you use it, you will benefit from its incredibly fast 4 slot reader: 80 images per hour guarantee high patient throughput. In addition, you can use the system for all other radiography applications.



PCR CosimaX

- **Creates 80 digital mammography images per hour**
- **Guarantees Philips superior image quality, ideal for mammography**
- **Suitable for all diagnostic procedures**



Instead of conventional films, phosphorus screens in special cassettes are used to instantly create optimal digital images.

which is not dangerous

EasyVision Mammo: tailored to your workflow

An extremely powerful system is required to quickly access the extensive image data needed in mammography. EasyVision Mammo enables you to switch from one set of patient images to another in less than one second. And thanks to the integrated, individually-tailored display protocol, the images are automatically arranged for viewing according to your preferences.

Film-free radiology, full-featured workstation

With EasyVision Mammo you acquire a high-performance, full-scale PACS workstation, perfectly adjusted to the mammography workflow. Paper and films in mammography are finally things of the past. Instead, Philips' outstanding image quality offers you the perfect basis for reliable diagnosis and paves the way for mammography CAD.



The digital viewing station for safe and fast access to the extremely large amount of mammography image data.

EasyVision Mammo

- **Support for high throughput viewing**
- **Multimodality and multifunctionality**
- **Individually modifiable workflow**

The image is a model of reality

Ludwig Wittgenstein
Philosopher

Image quality that keeps pace with your expertise

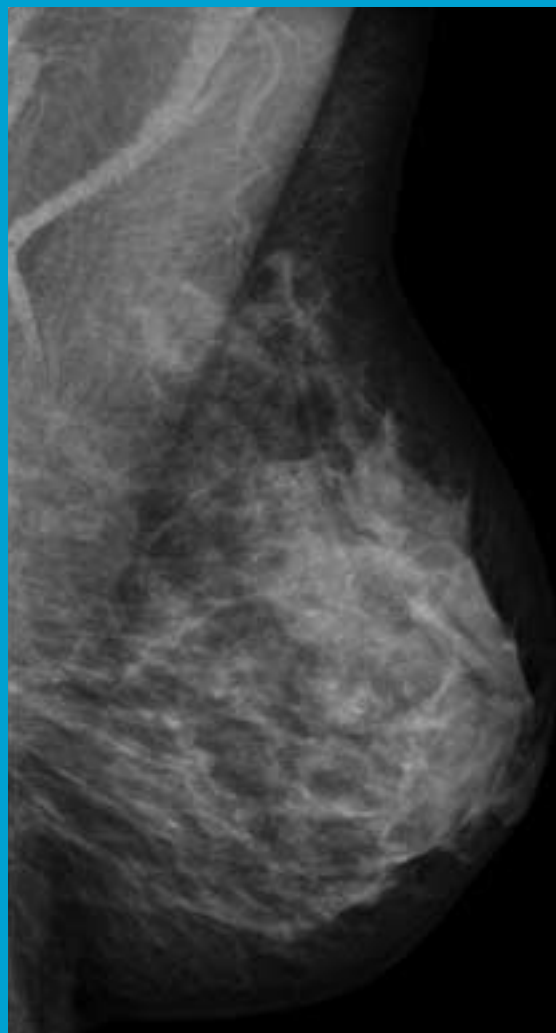
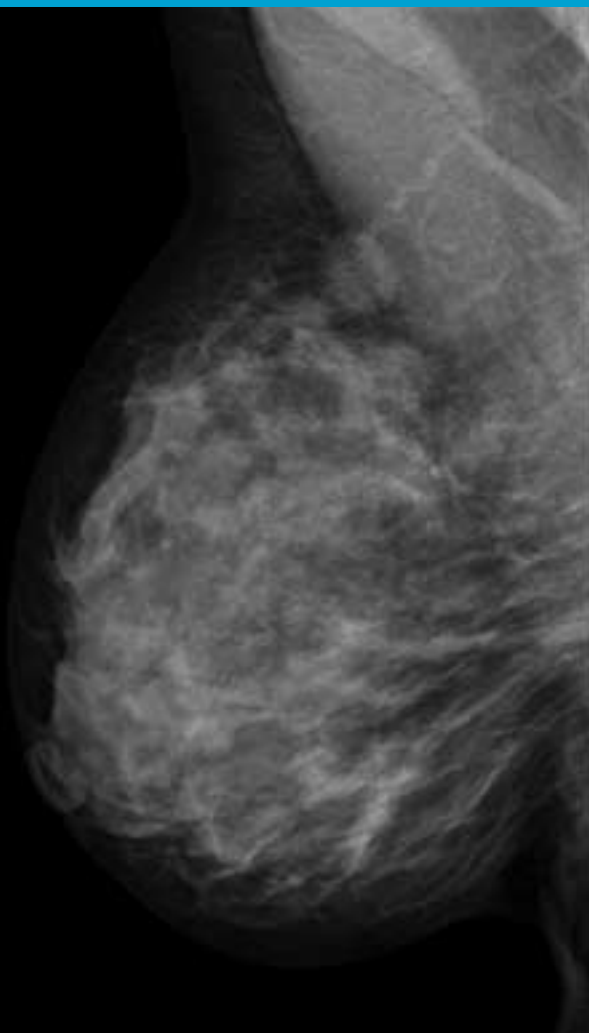
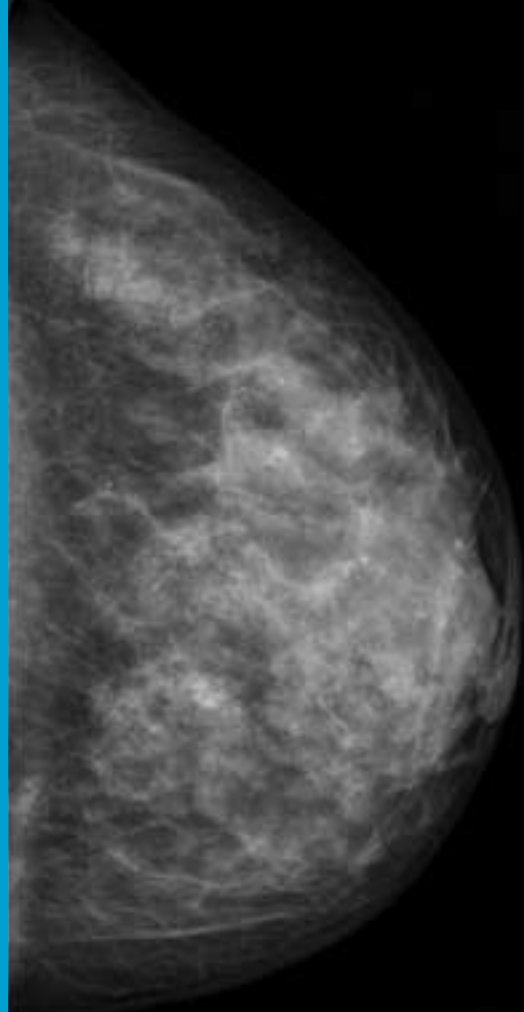
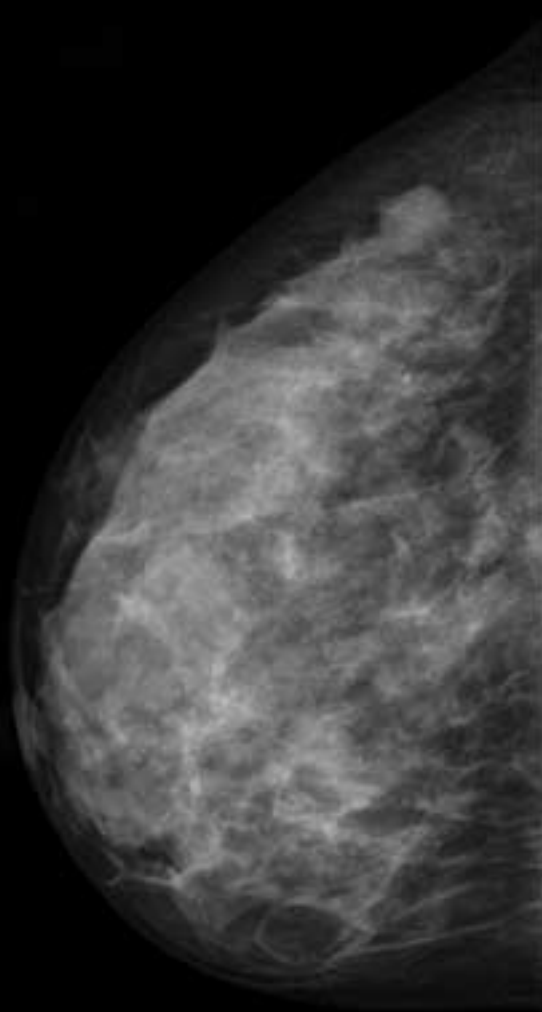
Fact: The smaller the finding, the greater the likelihood of complete recovery. You need images of exceptional quality in order to put your expertise to the best possible use on your patients' behalf. To do justice to all screening requirements, it is also necessary to enable independent double reading. The Philips digital mammography concept takes on both of these challenges.

Philips excellence

- **25 years experience in mammography**
- **The pioneer in digital mammography**
- **Confidence you can count on: over 5,000 Philips mammography units in medical facilities throughout the world**

Trust leads to trust

You can rely on digital images with 100% validity and their immediate availability at a digital workstation. The Philips solution allows you to perform routine screening as well as all diagnostic procedures – from magnification to stereotactic biopsies. Your patients can relax in good hands during all applications. They can sense your ease and ability as a user to work with the mammography equipment from Philips.



You must arrange for your **goal** to come to you

Theodor Fontane
Author and journalist

Philips women's healthcare solutions

- **Gemini PET/CT: diagnostic imaging for lesion detection and breast cancer therapy planning**
- **iU22 intelligent Ultrasound: breakthrough levels of clarity, accuracy and precision in ultrasound**
- **OB TraceVue obstretical clinical information system: documents the progress of mother and baby**



Squaring the circle

Mammography requires 100% concentration and time. But an economic need for lean processes exists in every medical facility. With the Philips mammography concept, you can reconcile both requirements – through secure MammoDiagnost examinations, the speed of PCR CosimaX, and EasyVision Mammo's outstanding image display and archiving. This optimized process ensures that sufficient time remains for the patients, while increasing cost efficiency with high patient throughput.

You can further enhance patient throughput by simply supplementing your existing Mammo-Diagnost with two additional ones. One CosimaX system and one EasyVision Mammo workstation can easily manage expanded data volume. We call this truly economic concept scalability.

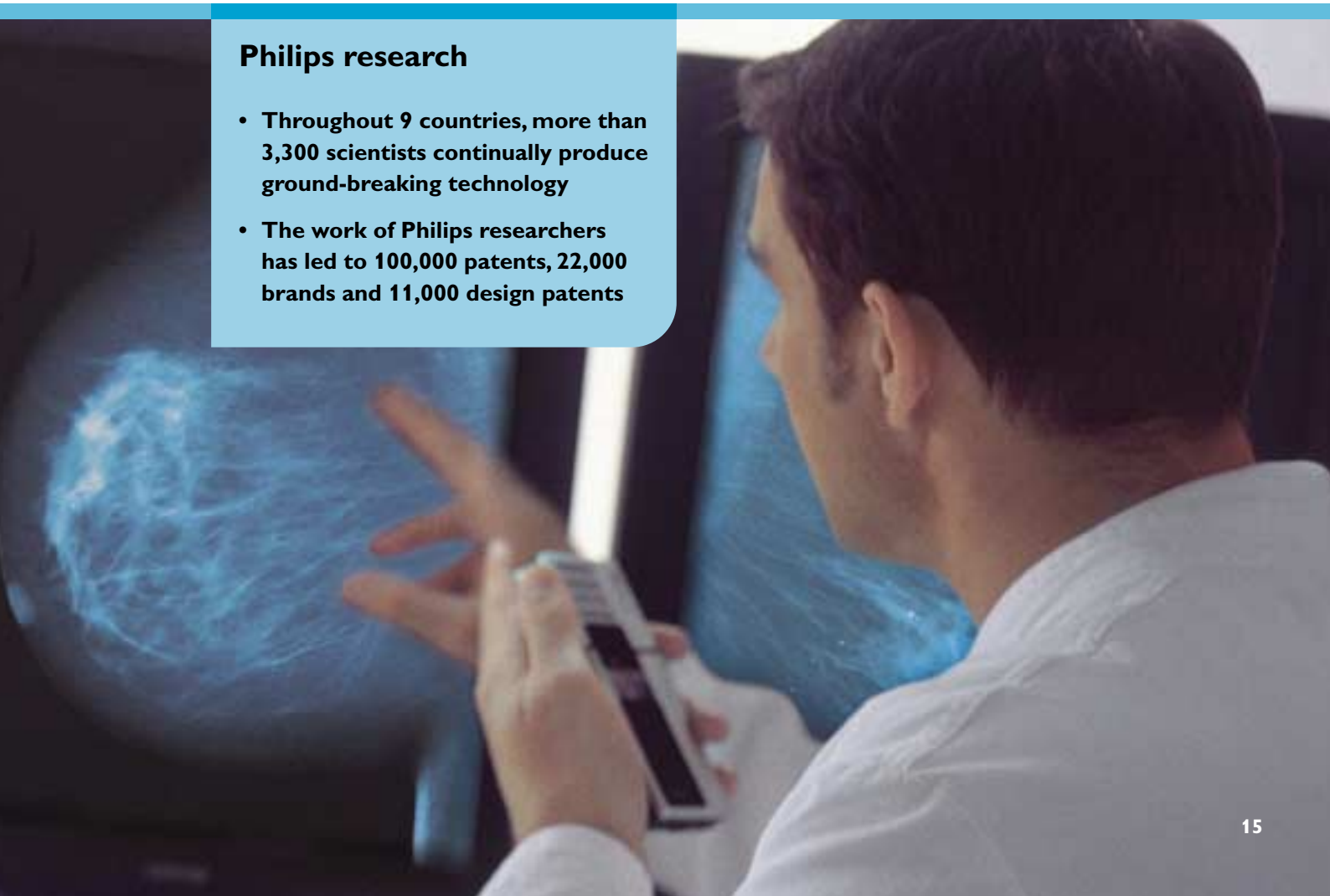
Wise steps – for today and tomorrow

An unwelcome scenario for cost-conscious managers is equipment which is not in use because no mammographies have been scheduled. Not so with the Philips concept: PCR CosimaX and EasyVision Mammo can be used for all examinations in your general X-ray room. In other words, the rest of your radiology also becomes digitalized and all digital images can be viewed on the EasyVision Mammo as well - a guarantee for excellent, cost-efficient image quality.

Philips safeguards future mammography in two ways. First, the three Philips mammography modules can be individually upgraded and expanded. Secondly, all three modules can be integrated into future Philips digital solutions. Deciding now in favor of Philips digital mammography will equip you well – for the present and for the future.

Philips research

- **Throughout 9 countries, more than 3,300 scientists continually produce ground-breaking technology**
- **The work of Philips researchers has led to 100,000 patents, 22,000 brands and 11,000 design patents**



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Printed in The Netherlands.

4512 158 13311/714 * SEP 2004.

