

Art and screening

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The breast: a topic of art

Art and screening



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The patron saints of
breast cancer screening



The patron saints of breast screening

During the Middle Ages, throughout Europe, the care of the sick was in many places the responsibility of the Church.

Medicine thus became surrounded by sacred associations.

A great number of saints became regularly invoked against a variety of diseases, as well as being adopted as patrons of countries, towns, trades and professions.

Patrons of **patients** and patrons of **care-givers**

Lacking effective treatment, people in the old times could only invoke 'their' saints in heaven.

Different saints came to be strictly associated with **specific diseases**,

and trades and **professions**

The patron saints of breast screening

Breast Screening Conference
Cambridge, 1991



MW Kissin

The patron saints of breast screening
The breast, 1, 19-24, 1992



The patron saints of breast screening

Breast Screening Conference
Cambridge, 1991



MW Kissin
The patron saints of breast screening
The breast, 1, 19-24, 1992

MW Kissin
The patron saints of cancer
2015



The candidates

■ Saint	Type	Reason
■ Agatha	martyr	breast torture
■ Barbara	martyr	breast torture
■ Anastasia	martyr	breast torture
■ Christina	martyr	breast torture
■ Faith	martyr	breast torture
■ Macre	martyr	breast torture
■ Guen	matron	abnormal physiognomy
■ Bernard	abbot	miracle of lactation
■ Winifred	martyr	miracle of Holywell
■ Peregrin	priest	miracle of ulcer cancer
■ Mamert	martyr	play-on-words
■ Mamas	martyr	play-on-words
■ Apollonia	martyr	mistake

plus

■ Michael	archangel	patron of radiologists
■ Sebastian	martyr	arrow through breast
■ Cleopatra	queen	death from snakes biting her breast



Saints (martyrs) / as sufferers - could best understand the feelings of actual patients



Sebastiano del Piombo,

St Agatha

Florence, Pitti Palace

1519



Virgin Mary
the supreme
patroness

Lorenzo Lotto,
Bergamo, Church of St Bernardino
1521












The candidates

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■ Cleopatra	queen	death from snakes biting her breast

Kissin's proposal of patron saints of breast screening

 Saint	Type	Reason
 Agatha	martyr	breast torture
plus		
 Michael	archangel	patron of Radiologists
 Sebastian	martyr	arrows in the breast
 Cleopatra	queen	death from snakes biting her breast

Kissin's patron saints, the candidates

Checking eligibility

■ Saint	Type	Reason
■ Agatha	martyr	breast torture
■ Barbara	martyr	breast torture
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■ Christina	martyr	breast torture
■ Faith	martyr	breast torture
■ Macre	martyr	breast torture
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■ Mamert	martyr	play-on-words
■ Mamas	martyr	play-on-words
■ Apollonia	martyr	mistake
plus		
■ Michael	archangel	patron of radiologists
■ Sebastian	martyr	arrow through breast
■ Cleopatra	queen	death from snakes biting her breast



Guido Cagnacci,
Death of Cleopatra
c 1660

Vienna, KHMuseum

Kissin's patron saints, the candidates

Checking eligibility

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■ Faith	martyr	breast torture
■ Macre	martyr	breast torture
■ Guen	matron	abnormal physiognomy
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■ Peregrin	priest	miracle of ulcer cancer
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■ Mamas	martyr	play-on-words
■ Apollonia	martyr	mistake
plus		
■ Michael	archangel	patron of radiologists
■ Sebastian	martyr	arrow through breast



Vincenzo Foppa,
Saint Apollonia
c 1490

Brescia, Pinacoteca Tosio

Kissin's patron saints, the candidates

Checking eligibility

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Kissin's patron saints, the candidates Checking eligibility

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■ Sebastian	martyr	arrow through breast

Kissin's patron saints, the candidates
Checking eligibility / amending the list

■ Saint	Type	Reason
■ Agatha	martyr	breast torture
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■ Anastasia	martyr	breast torture
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■ Faith	martyr	breast torture
■ Macre	martyr	breast torture
■ Margaret	martyr	breast torture
plus		
■ Michael	archangel	patron of radiologists
■ Sebastian	martyr	arrow through breast
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Kissin's patron saints, the candidates Checking eligibility / amending the list

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■ Margaret	martyr	breast torture
plus		
■ Michael	archangel	patron of radiologists
■ Sebastian	martyr	arrow through breast
■ Bernard	abbot	miracle of lactation



Legenda Aurea (the Golden Legend),
Jacopo da Varazze, 1298

Kissin's patron saints, the candidates
Checking eligibility / amending the list

■ Saint	Type	Reason
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plus		
■ Michael	archangel	patron of radiologists
■ Sebastian	martyr	arrow through breast
■ Bernard	abbot	miracle of lactation

Saint Agatha

Guido Cagnacci,

St Agatha

c 1640

Bologna, private collection





Giovanni Cariani,
St Agatha
c 1516

Edinburgh, National Galleries of Scotland



Giovanbattista Tiepolo,
Martyrdom of St Agatha
c 1755

Berlin, Gemaldegalerie

“Le minne di S. Agata”



Catania, Sicily

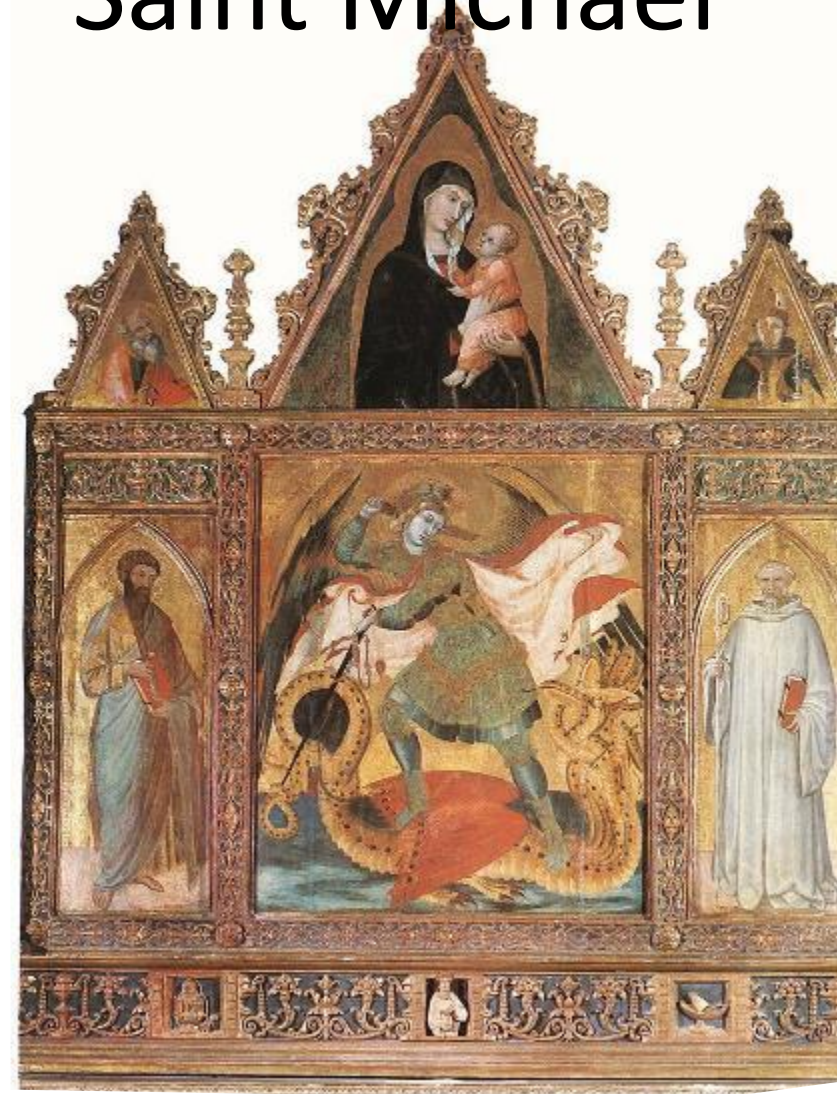


Benozzo Gozzoli,
St Agatha
c 1465
San Gimignano,
church of St Agostino

Patron saints of screening, current proposal
Defining the subjects

■ Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists / psychostasis	Radiologists (& Radiation Oncologists & Radiographers)
■ Sebastian	martyr	arrow through breast	...
■ Bernard	abbot	miracle of lactation	...

Saint Michael



Ambrogio Lorenzetti,
c 1325
Asciano



Piero della Francesca,
St Michael
c 1465
London, National Gallery



Domenico Beccafumi,
c 1525
Siena

Saint Michael /

the “psychostasis” = the weighing of the souls



Rogier van der Weyden,

Last Judgment

c 1445

Beaune, Hotel Dieu

Saint Michael



Jacopo Pontormo,
St Michael
1518
Empoli,
church of St Michele



Patron saints of screening, current proposal
Defining the subjects

Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Bernard	abbot	miracle of lactation	...

Saint Sebastian



Patron saints, the candidates Completing the list

Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Irene	martyr	nurses Sebastian	Breast Nurses
■ Bernard	abbot	miracle of lactation	...



Saint Irene

George de la Tour,
St Irene tenders St Sebastian
c 1645



Saint Irene

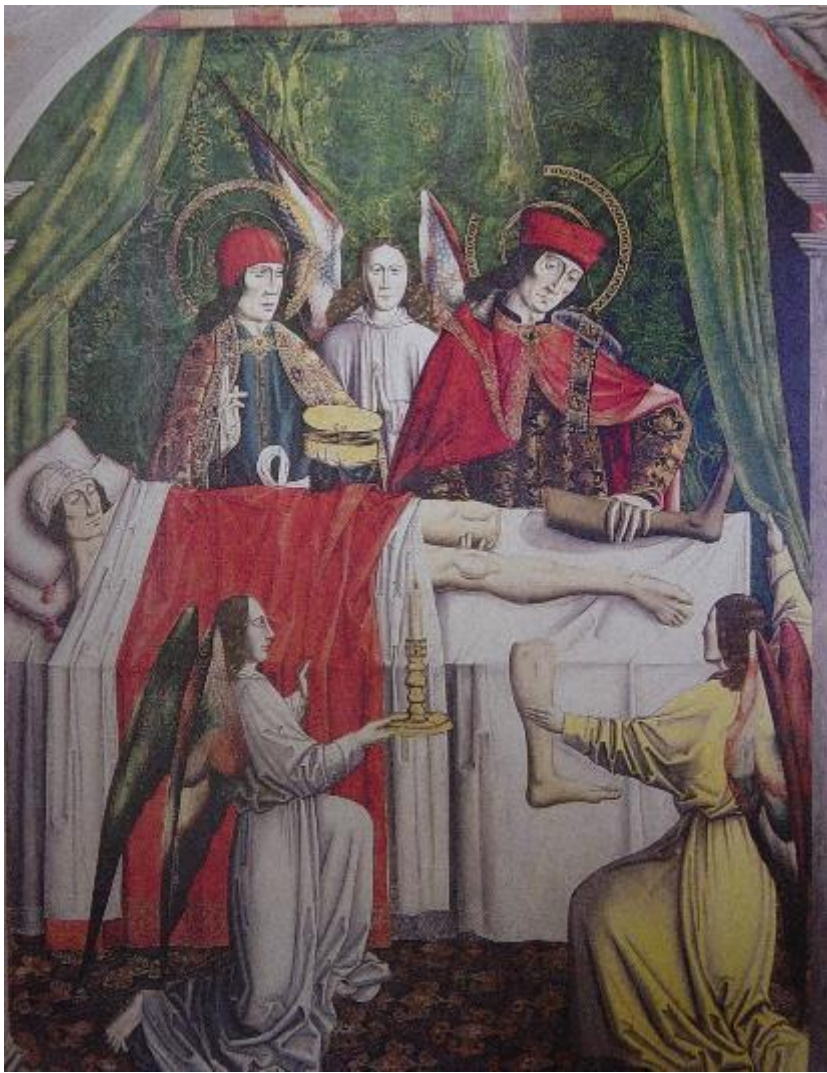
Hendrick ter Brugghen,
St Irene tenders St Sebastian
1625
Oberlin, Ohio
Allen Memorial Museum



George de la Tour,
St Irene tenders St Sebastian
c 1645

Patron saints, the candidates Completing the list

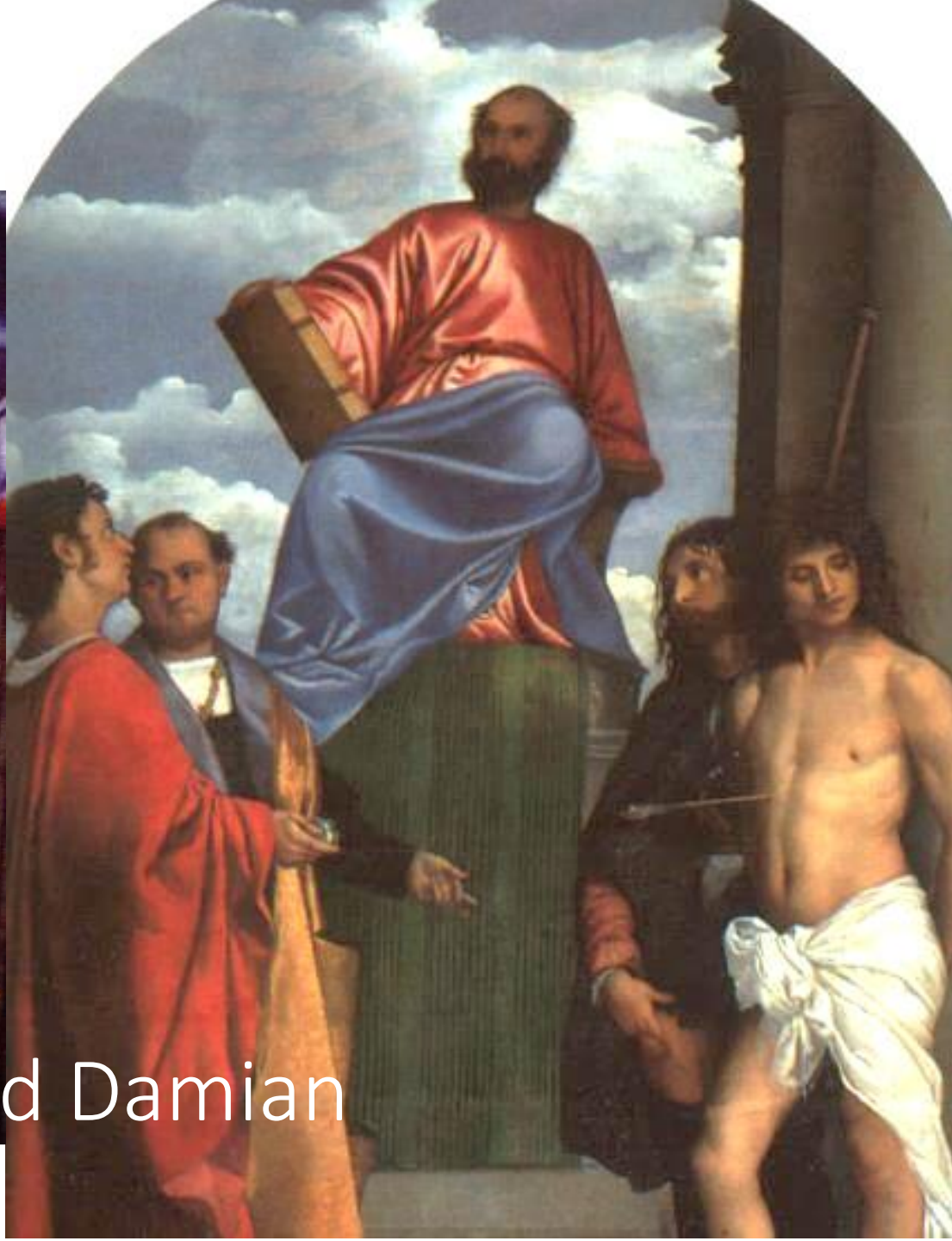
■ Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Irene	martyr	nurses Sebastian	Breast Nurses
■ Cosmas and Damian	physicians, martyrs	physicians	Oncologists, GPs, Surgeons
plus			
■ Bernard	abbot	miracle of lactation	...



Saints Cosmas and Damian



Saints Cosmas and Damian



Titian,
c 1512
Venice,
church of St Maria della Salute

Patron saints / completing the list

■ Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Irene	martyr	nurses Sebastian	Breast Nurses
■ Cosmas and Damian	physicians, martyrs	physicians	Oncologists
■ Peter	apostle, martyr	surgically treats Agatha	Breast Surgeons, Plastic Surgeons
plus			
■ Bernard	abbot	miracle of lactation	...

Saint Peter

Giovanni Lanfranco,
St Agata and St Peter
c 1613
Parma, Pinacoteca Nazionale



Completing the list / breast and others

Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Irene	martyr	nurses Sebastian	Breast Nurses
■ Bernard	abbot	miracle of lactation	Epidemiologists
■ Cosmas and Damian	physicians, martyrs	physicians	Oncologists, GPs
plus			
■ Erasmus	martyr	bowel torture	colo-rectal screening
■ Bernard	abbot	miracle of lactation	...

Saint Erasmus

Nicholas Poussin,
Martyrdom of St Erasmus
c 1650
Rome, Pinacoteca Vaticana





Saint Bernard of Clairvaux

Pier Dandini,
Vision of St Bernard
c 1690

Florence, church of St Frediano in Cestello

Completing the list / breast and others

■ Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Irene	martyr	nurses Sebastian	Breast Nurses
■ Bernard	abbot	miracle of lactation	Epidemiologists
■ Cosmas and Damian	physicians, martyrs	physicians	Oncologists, GPs
plus			
■ Bernard	abbot	communicator, organizer	Epidemiologists, Public Health doctors

Saint Bernard

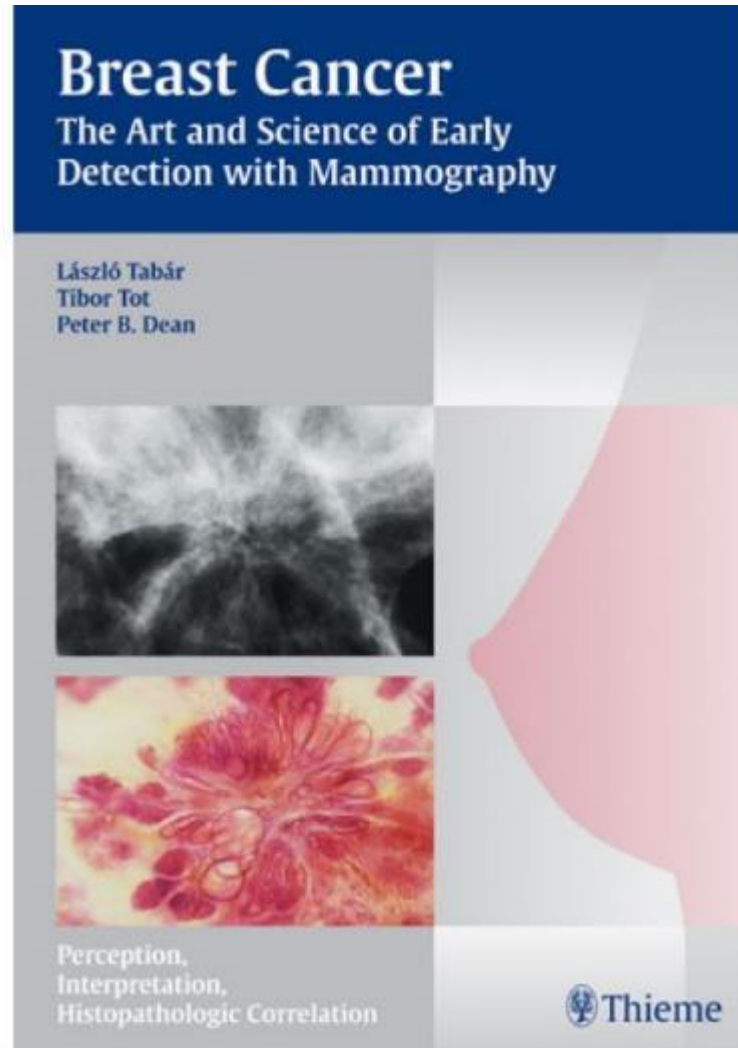


A final proposal of patron saints of screening / breast and others

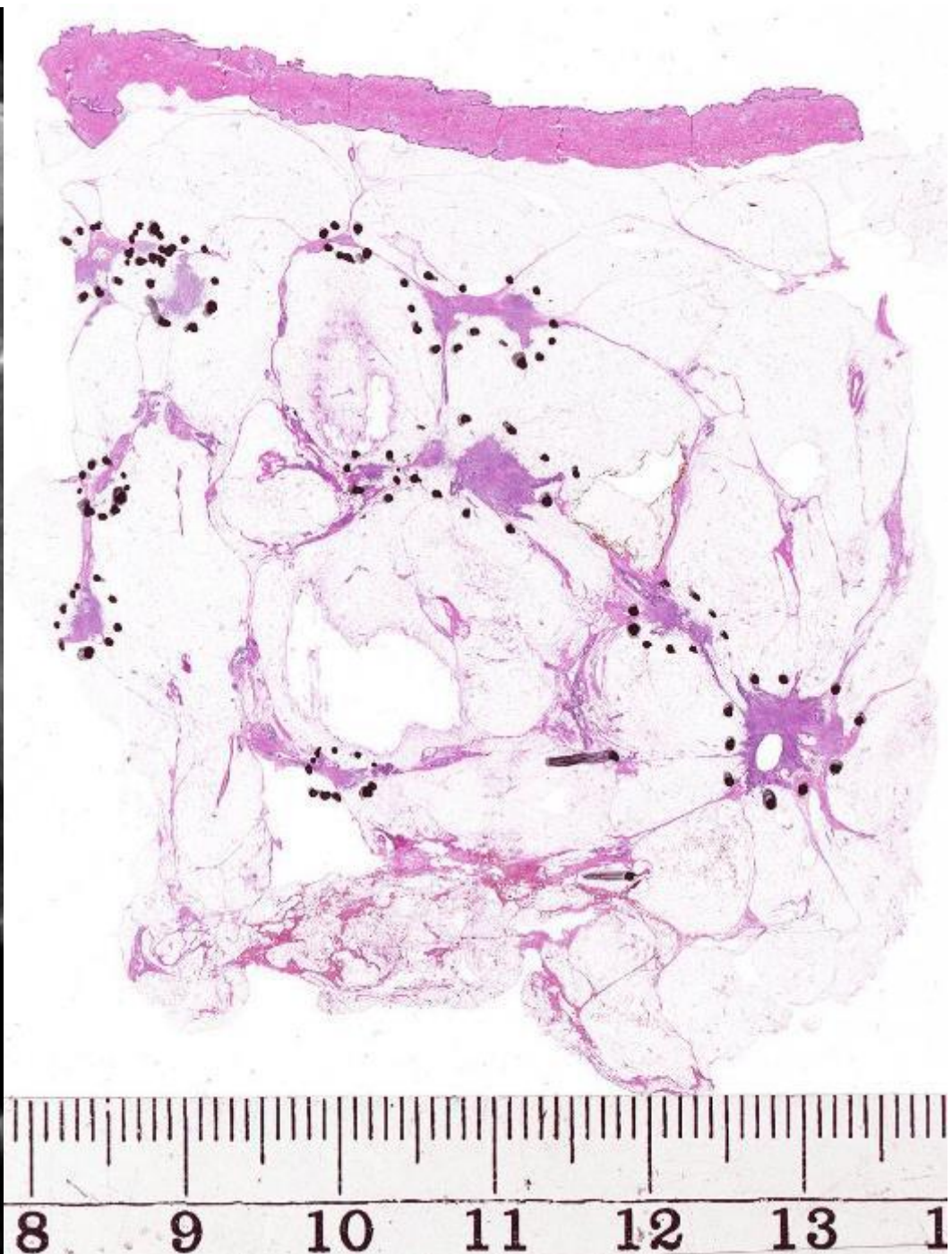
■ Saint	Type	Reason	Patron of
■ Agatha	martyr	breast torture	Patients
plus			
■ Michael	archangel	patron of radiologists	Screening Radiologists
■ Sebastian	martyr	arrow through breast	Pathologists
■ Irene	martyr	nurses Sebastian	Breast Nurses
■ Cosmas and Damian	physicians, martyrs	physicians	Oncologists, GPs
■ Peter	apostle	cures Agatha	Breast Surgeons, Plastic Surgeons
plus			
■ Bernard	abbot	communicator, organizer	Epidemiologists, Public Health doctors

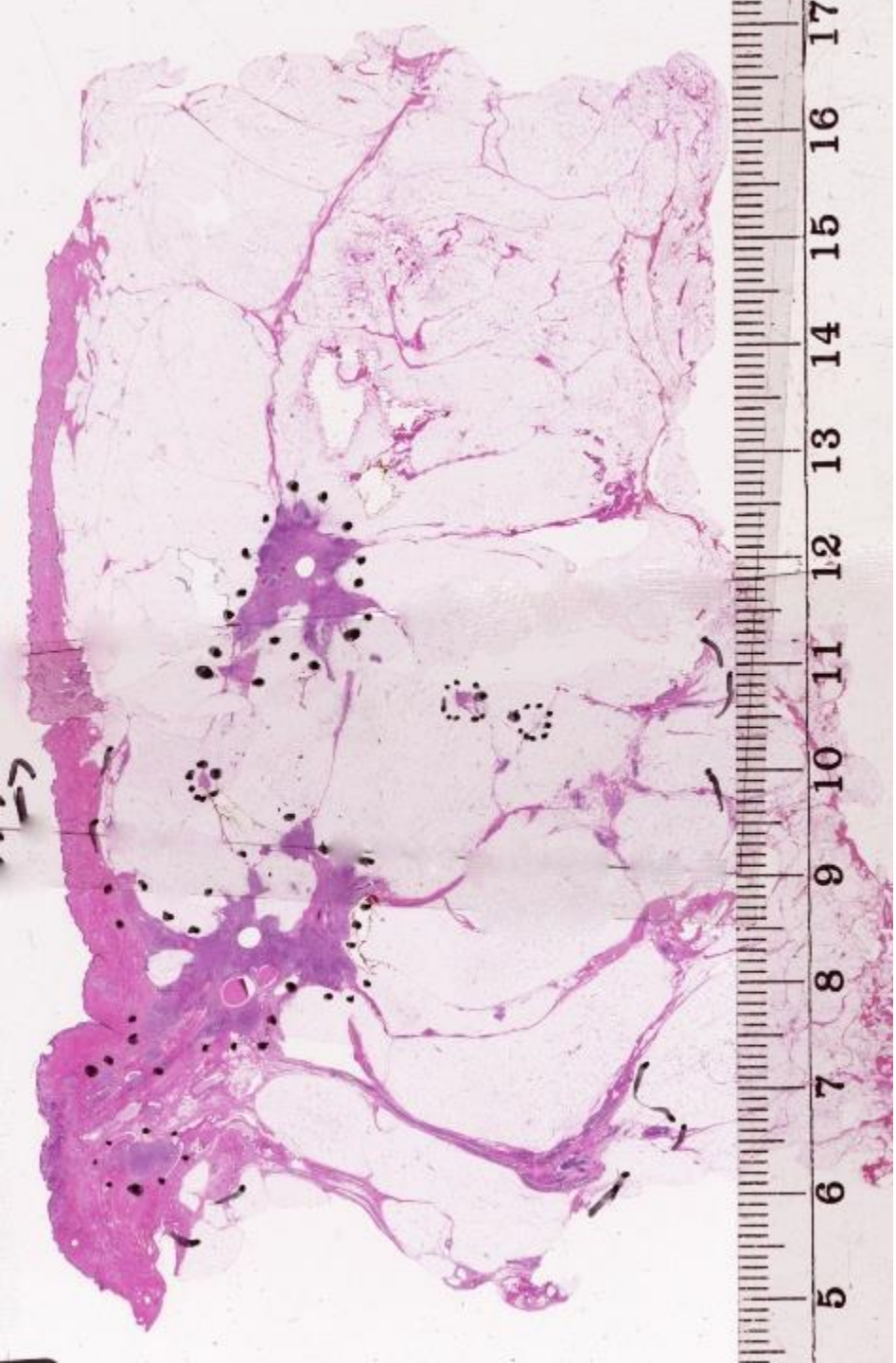
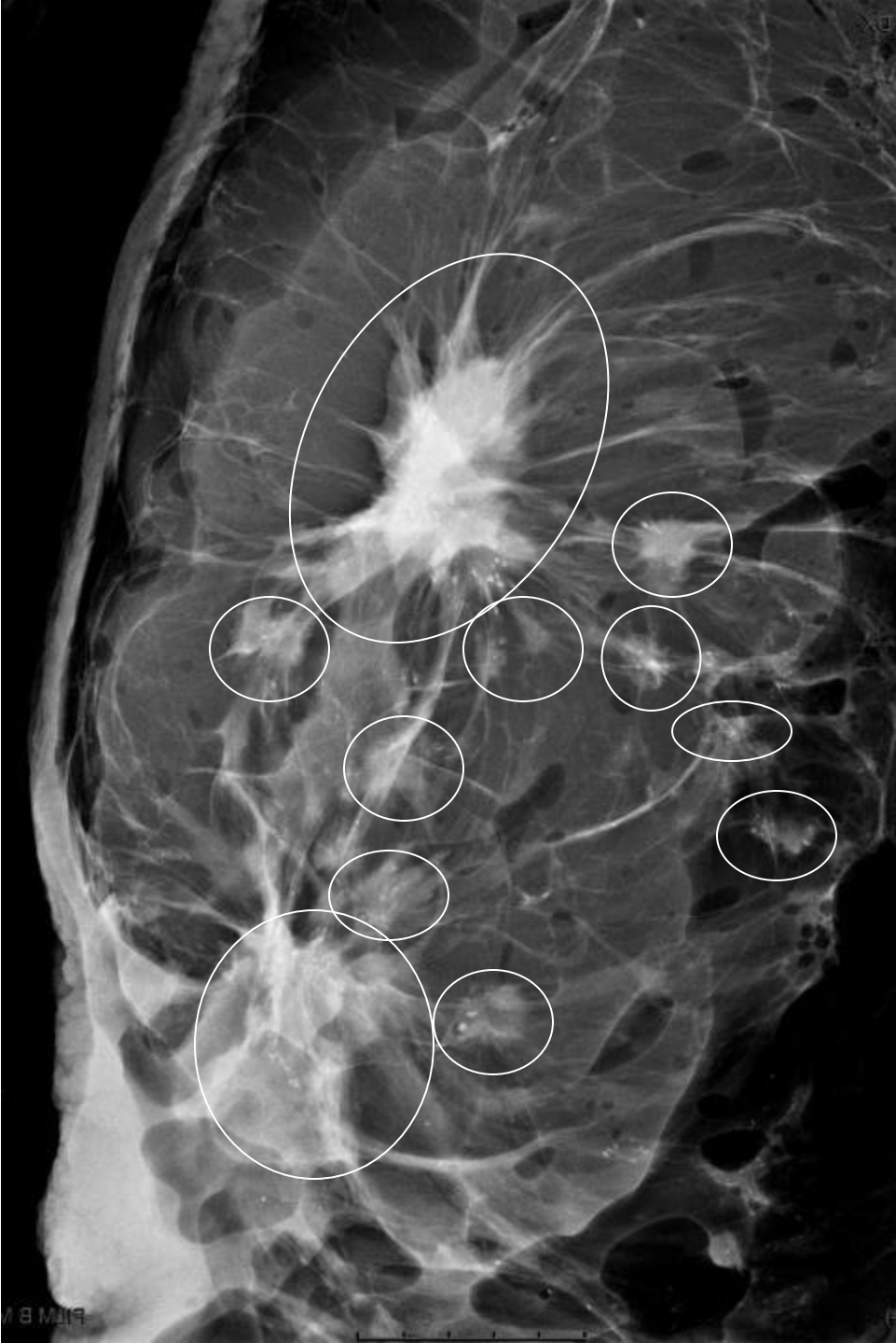


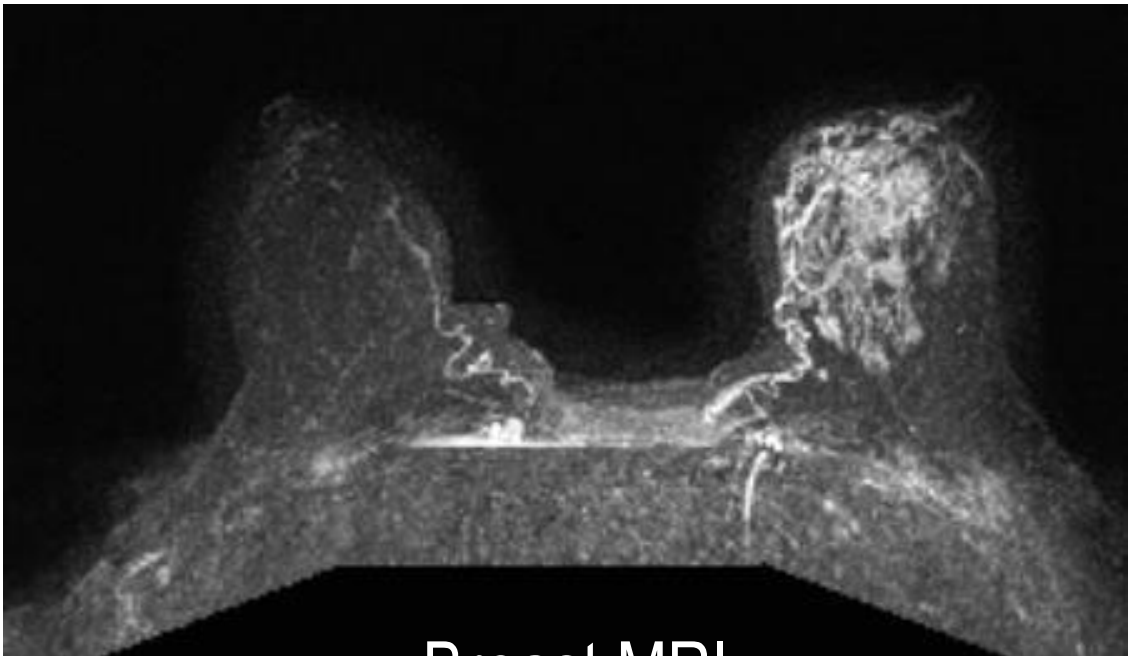
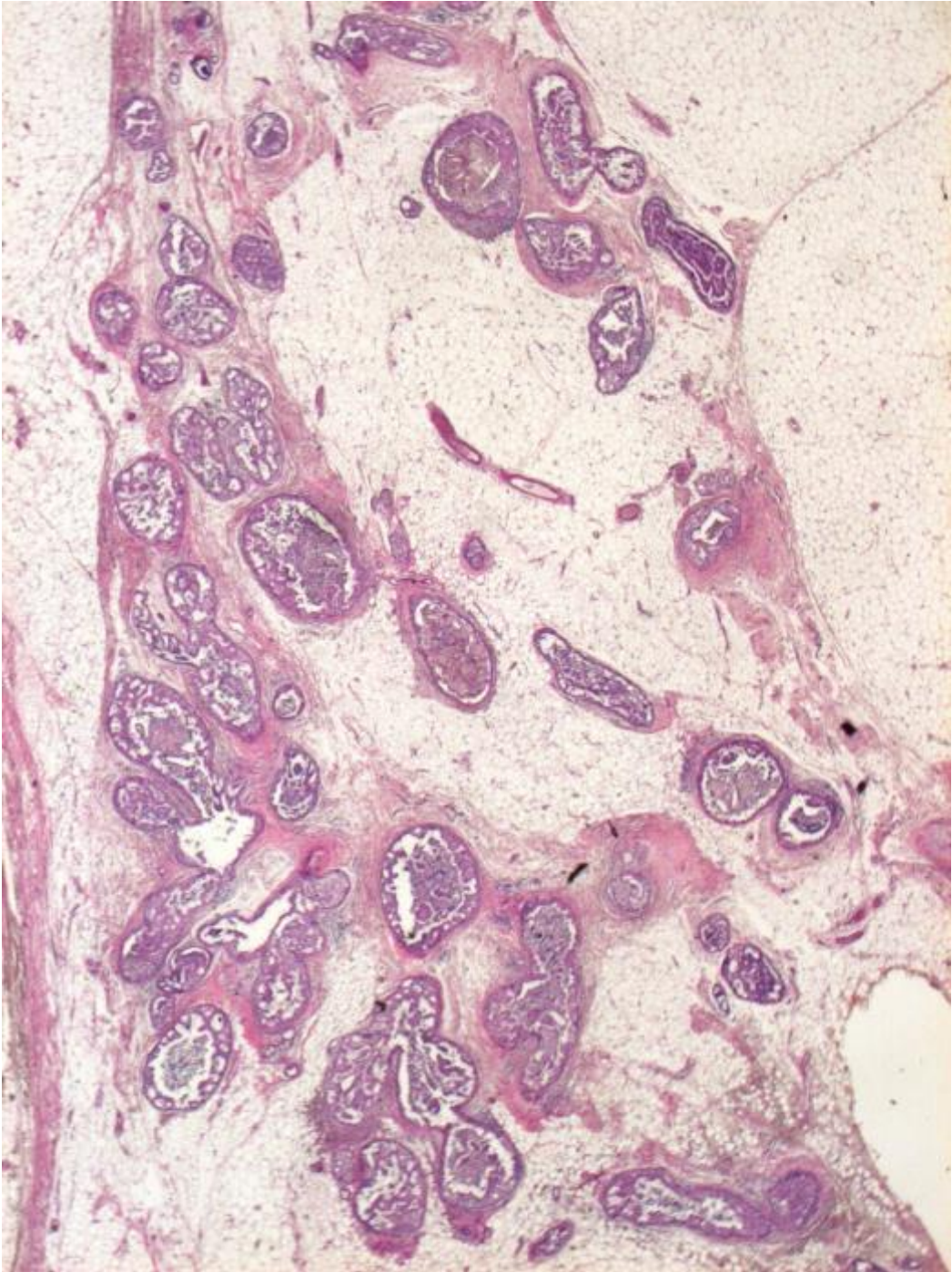
Art and screening and science



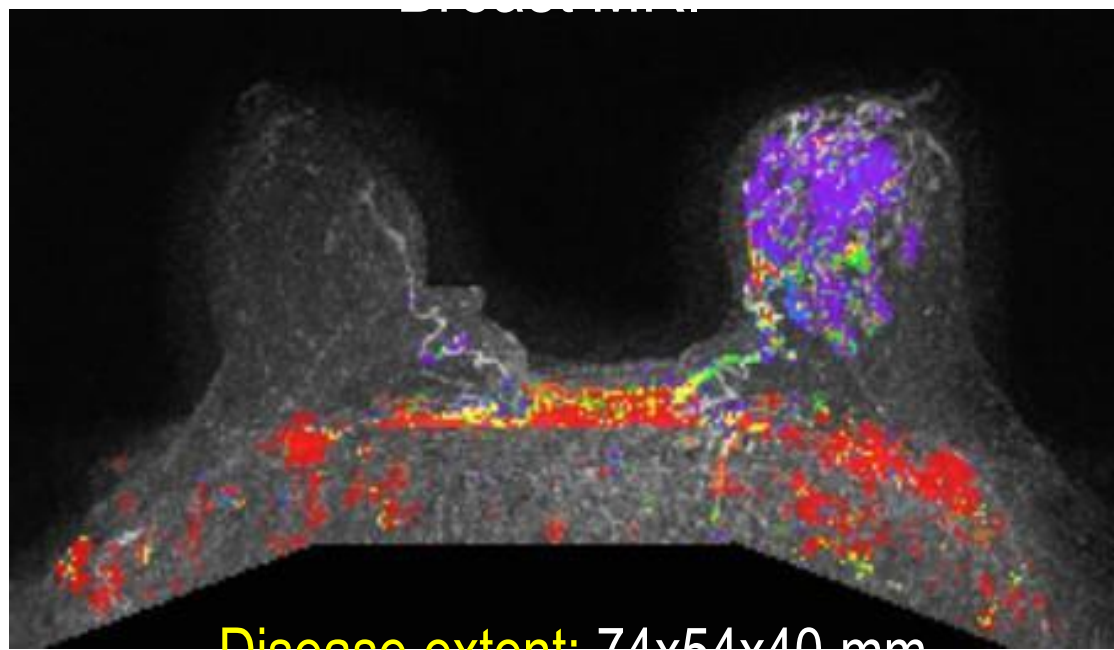
A tribute to Laszlo Tabar





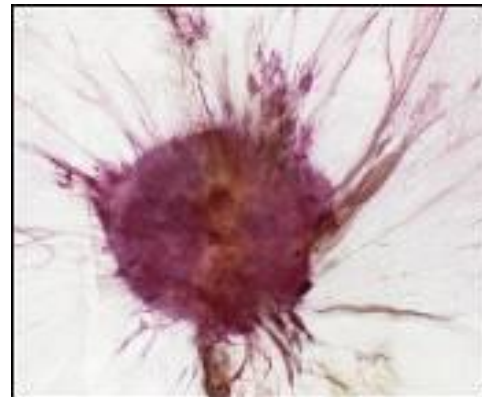
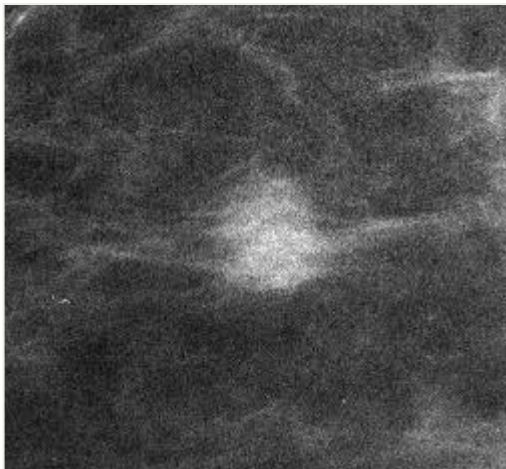
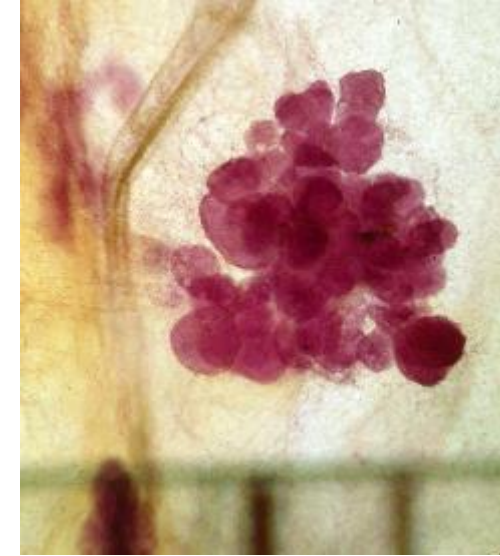
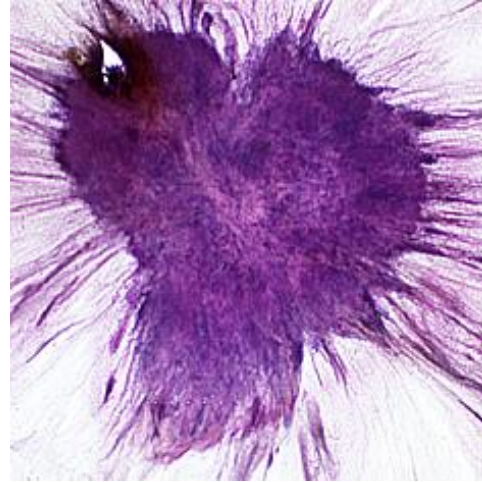
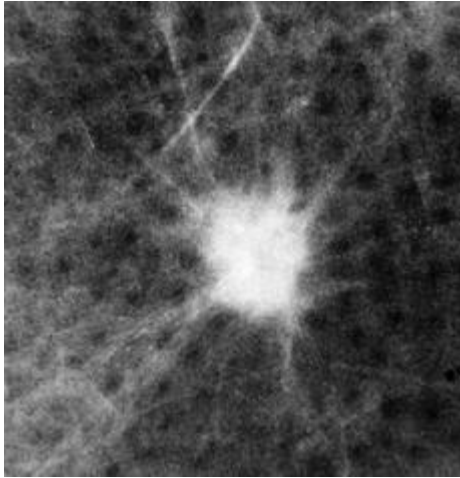


Prostate MRI



Disease extent: 74x54x10 mm

WHO Classification of Tumors of the Breast, 4th edition, 2012
invasive carcinoma of no special type (NST)

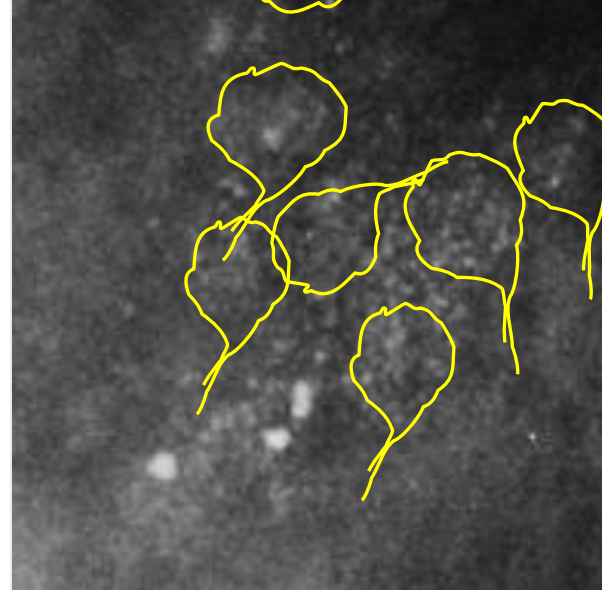
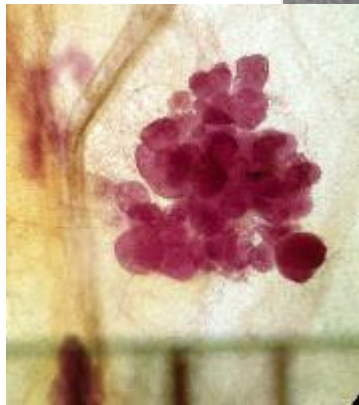


**WHO Classification of Tumors
of the Breast, 4th edition, 2012**
ductal carcinoma in situ

While **the latest (2012) WHO Classification** decided to omit the name 'ductal' from the definition of the most common type of invasive breast carcinoma, **it still failed to recognize the inconsistency of this descriptor for its intra-epithelial counterpart.**



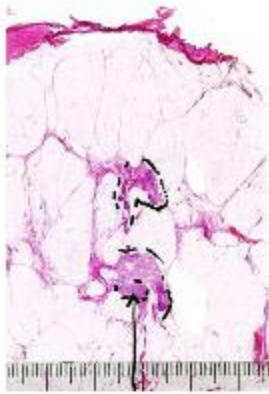
Are these ducts? No.
So, why DCIS?



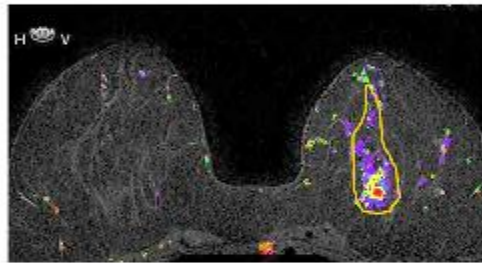
Crushed stone-like

Powdery / cotton ball-like

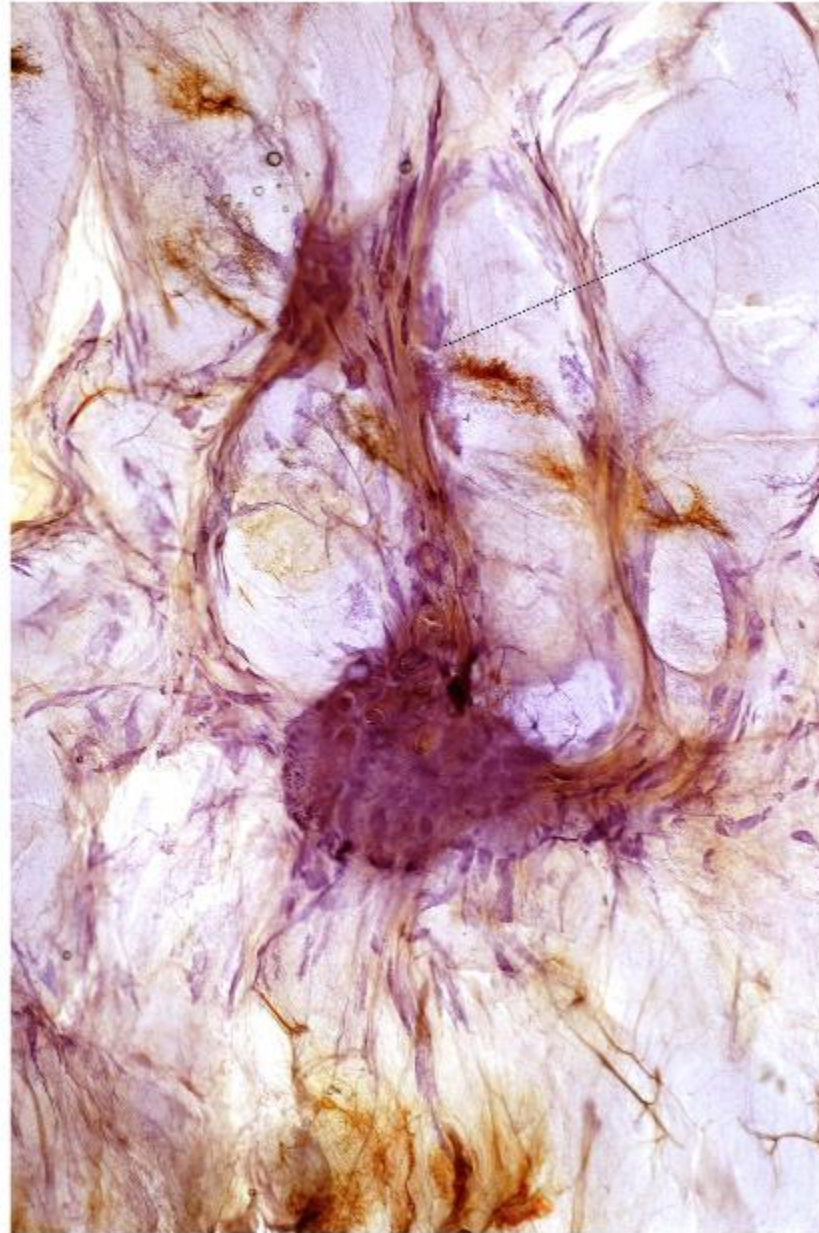
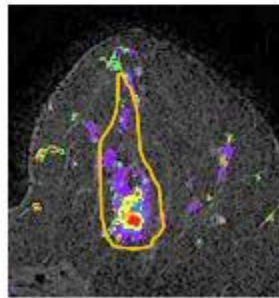




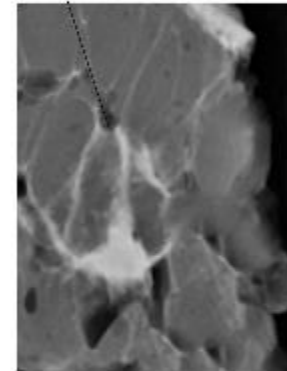
Large format, thin section histology.



Breast MRI shows good correlation with the underlying 3D histology.



Comet tail



Specimen slice radiograph of the tumor and the comet tail.

