

1st International Congress of Breast Disease Centers



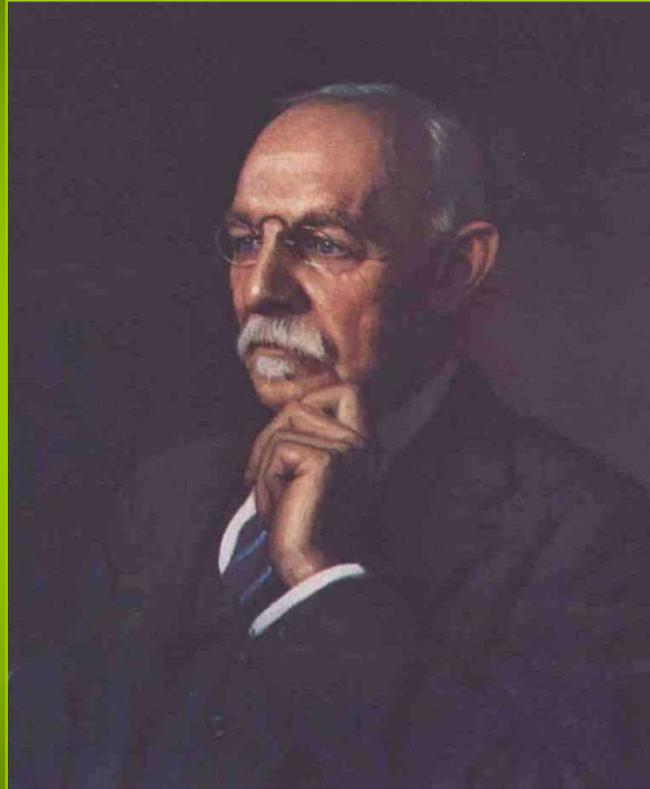
Paris, January 2011

Breast Disease Centers

State of the Art



William S. Halsted (1882)



Radical Mastectomy

Changing Trends in Breast Cancer

Single approach

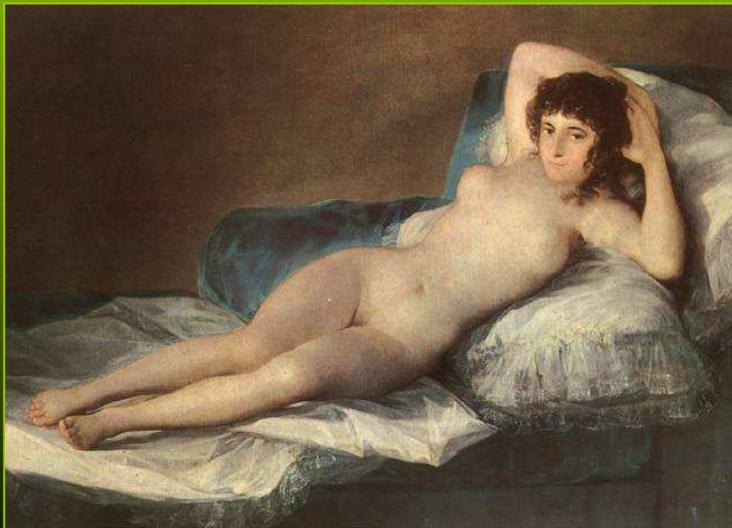
Individual experience





Breast Cancer

- Specialization
- Evidence-based
- Multidisciplinary comprehensive approach



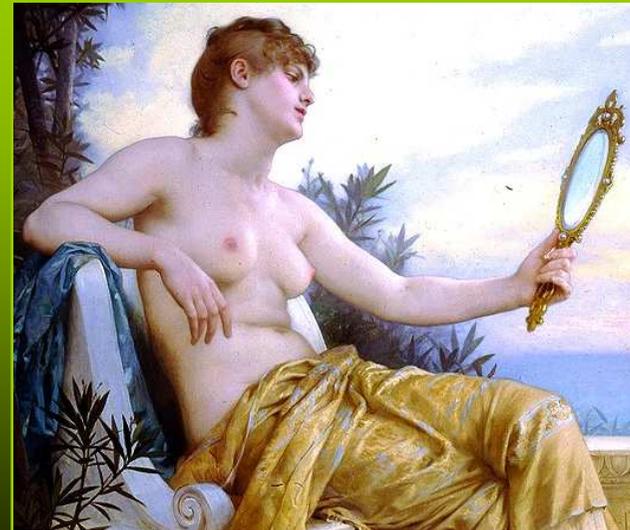
Breast Cancer

Multidisciplinary Approach

Breast Centers

Multidisciplinary Approach Impact on Patient Management

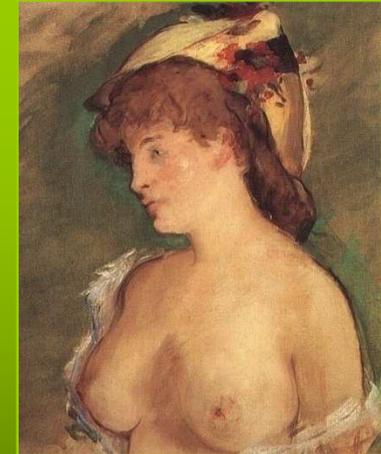
- ↑ 50% Conserving Surgery
- ↑ 5 – Fold Activity
- ↑ Clinically
- ↑ Financially
- ↑ Academically



*August, DA et al
University of Michigan
J Surg Oncol 153:161-7, 1993*

Multidisciplinary Approach Impact on Patient Management

- Imaging 45% → Surgery 11%
- Pathology 29% → Surgery 9%
- Surgery 34%
- Overall Surgical Management 52%



*Newman, EA et al
University of Michigan
Cancer 107:2346-51, 2006*

Multidisciplinary Approach Impact on Patient Management

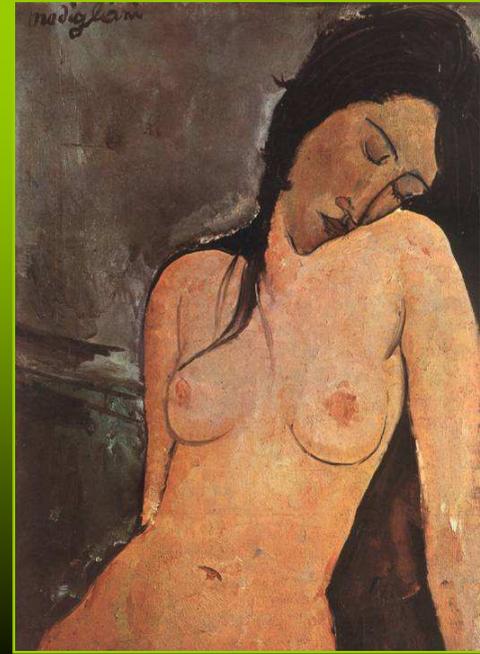


→ Change in Treatment 43%

*Chang, JH et al
University of Pennsylvania
Cancer 91:1231-7, 2001*

Multidisciplinary Approach Impact on Patient Management

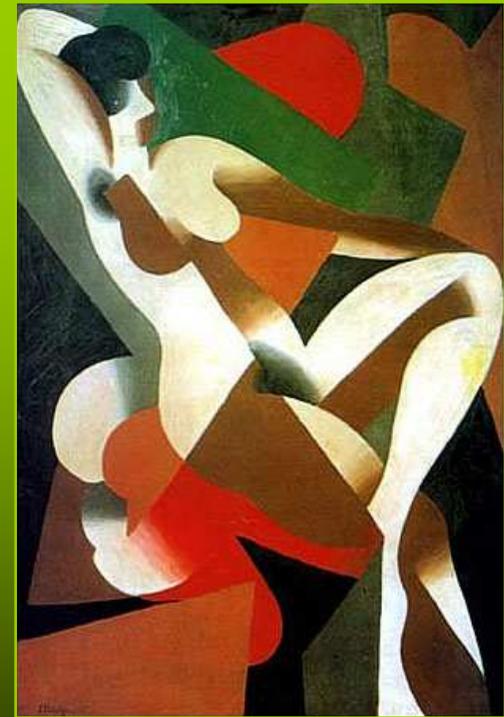
- ↓ Mortality
- ↑ Quality of Care
- ↓ Associated Costs



*van Nes, JG & van de Velde, CJ
Leids Universitair Medisch Centrum
Ned Tijdschr Geneesk 149:1941-6, 2005*

Multidisciplinary Approach Impact on Patient Management

- ↑ Patient satisfaction
- ↑ Help patients with treatment decisions
- ↓ Waiting period



*Global et al
Henry Ford Hospital
J Surg Oncol 69:203-5, 1998*

Multidisciplinary Approach Impact on Patient Management



93% - Same Day Diagnosis

12 Waiting Days

50% - Conserving Surgery

67% - One-Stage Surgery

74% - Five Year Disease Free Survival

*Loveridge, KH et al
Sydney University
Aust NZJ Surg 69:396, 1999*

Breast Cancer Outcome

UK and USA

400 Clinical Trials – 350,000 Women

1990-2000 (ages 35-69)

↓ 25% Mortality

- Early Detection
- Multidisciplinary Approach



*Peto, R et al
Oxford University
Lancet 355:1822, 2000*

Breast Cancer Outcome

UK and USA

In One Generation (age 35-69)

↓ ~ 50% Mortality



Peto, R
EBCTCG
SABCS 13/12/2007

Breast Cancer

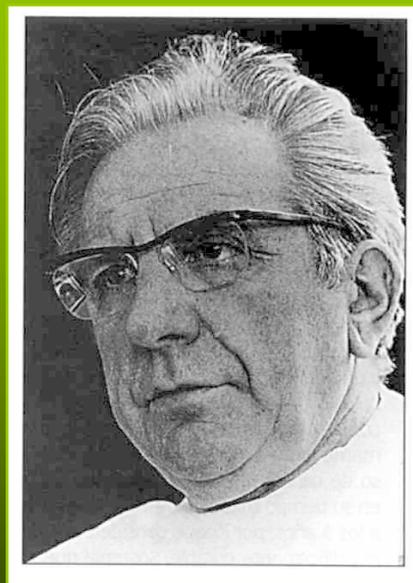
Specialization

Multidisciplinary Approach

Breast Centers

Charles-Marie Gros

First Health Service for the Diagnosis and
Treatment of Breast Diseases (1960)



SIS (1976)

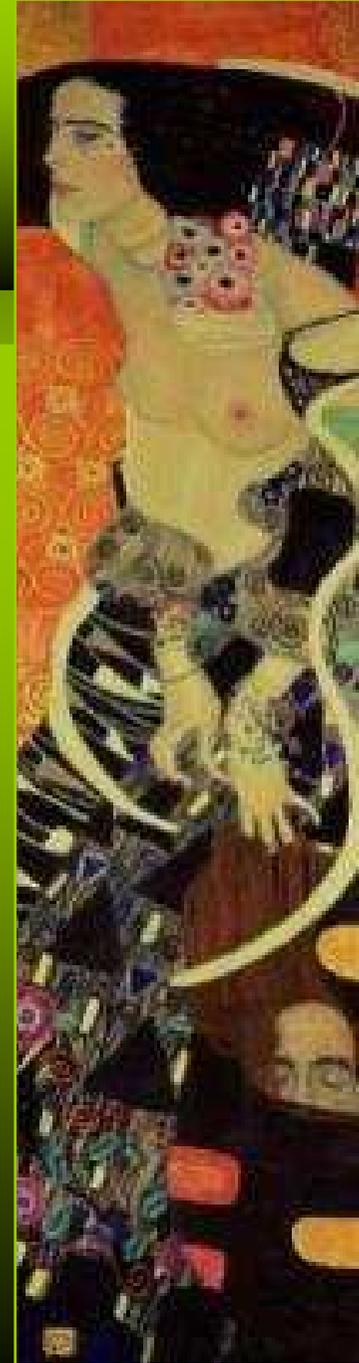
Breast Centers

- Patient-Oriented System

- Comprehensive 
 - Diagnostic
 - Therapeutic
 - Support

- Multidisciplinarity

- Multiprofessionality



▪ *Cancer*, 1997 Jun 15 (12):2380-4.

Multidisciplinary breast cancer clinics. Do they work?

Gabel M, Hilton NE, Nathanson SD.

▪ *J. of Surgical Oncology*, 1998;69:203–205.

Guest Editorial: State-of-the-art breast units - a possibility or a fantasy? A comment from the US.

Silverstein MJ.

▪ *European J. of Cancer*, 2000; 36 (18):286-2287.

Should specialist breast units be adopted in Europe? A comment from Europe.

Mansel RE.

▪ *MJA 2003; 179 (10): 528-531.*

Multidisciplinary care for women with early breast cancer in the Australian context: what does it mean?

Zorbas H, Barraclough B, Rainbird K, Luxford K, Redman S.

▪ *Breast J. 2003 Jan-Feb;9(1):60-3.*

Breast cancer multi-disciplinary teams in England: much achieved but still more to be done.

Whelan JM, Griffith CD, Archer T.

Oncology, 2004 Sep;18(10):1263-1275.

Interdisciplinary breast cancer care: declaring and improving the standard.

Rabinowitz B.

*European J. of Cancer, Supplements, 2004 March 2
(3):162-163.*

Breast cancer units can significantly improve surgical management of early invasive breast cancer.

*Fenaroli P, Giuliano L, Guerra U, Candiago E,
Valentini M, Belfiglio M, Bettini A, Labianca R,
Guzzettis R, Tonini C.*

▪ *Breast, 2006 Feb;15(1):119-22.*

*Guest Editorial, Multidisciplinary Cancer Clinics:
Their Time Has Come.*

Chang AE, MD.

▪ *Breast Care, 2006;1:150–151.*

Editorial, Breast Centers Revisited – a Critical Perspective.

Gnant M.

▪ *Mayo Clin. Proc, 2007 Aug; 82(8):999-1012.*

*A multidisciplinary approach to the management of breast
cancer: prevention and diagnosis.*

*Pruthi S, Brandt KR, Degenim AC, Goetz MP, Perez EA,
Reynolds CA, Schomberg PJ, Dy GK, Ingle JN.*

Breast Cancer Improved Care

- Centralized treatment
- Multidisciplinary teams
- Earlier diagnosis
- Treatment protocols
- Improved hormonal & chemotherapy options



Multidisciplinary Breast Care Team

Surgery

Oncology

(Medical and Radiation)

Radiology

Pathology

Genetics



Multidisciplinary Breast Care Team

Nuclear Medicine

Oncology Nursing

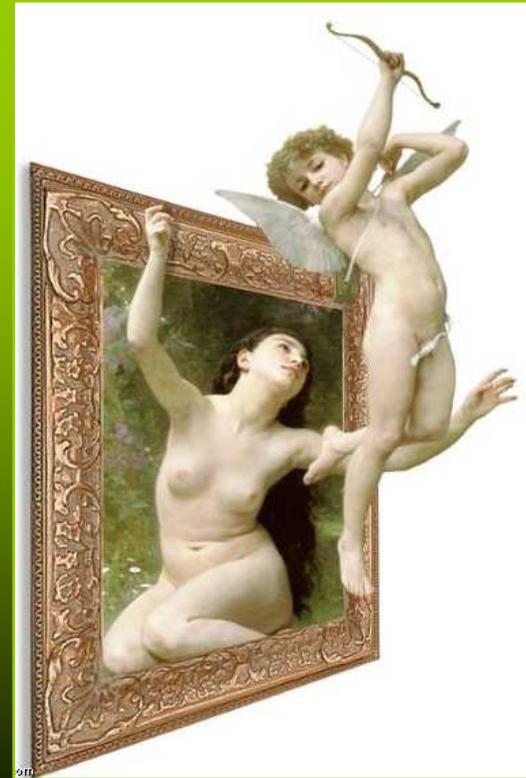
Psycho-Oncology

Social Assistance



Breast Centers Benefits

- ↑ Standard of Care
- ↑ Treatment Planning
- ↑ Survival
- ↑ Emotional Needs Recognition
- ↓ Aggressive Surgery



Breast Centers Benefits *(cont.)*

- ↑ Quality of Life
- ↑ Team Communication
- ↓ Service Duplication
- ↓ Health Care Costs
- ↑ Educational Opportunities



Breast Centers

Key Point: Quality of Communication

- Between Physicians**
- Between Patients and Physicians**

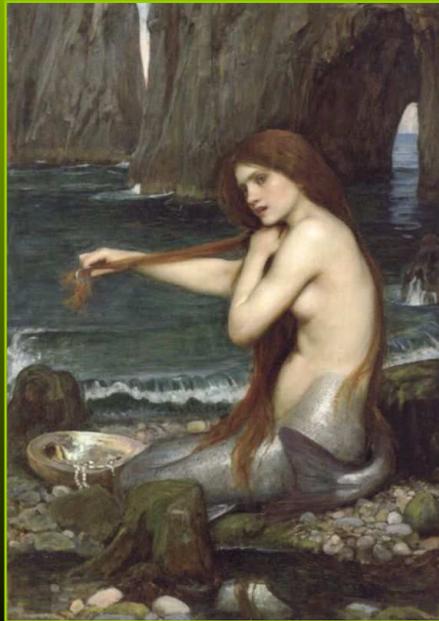
Patient at the Center of Care

“Listening is the most important communication skill”

Breast Centers

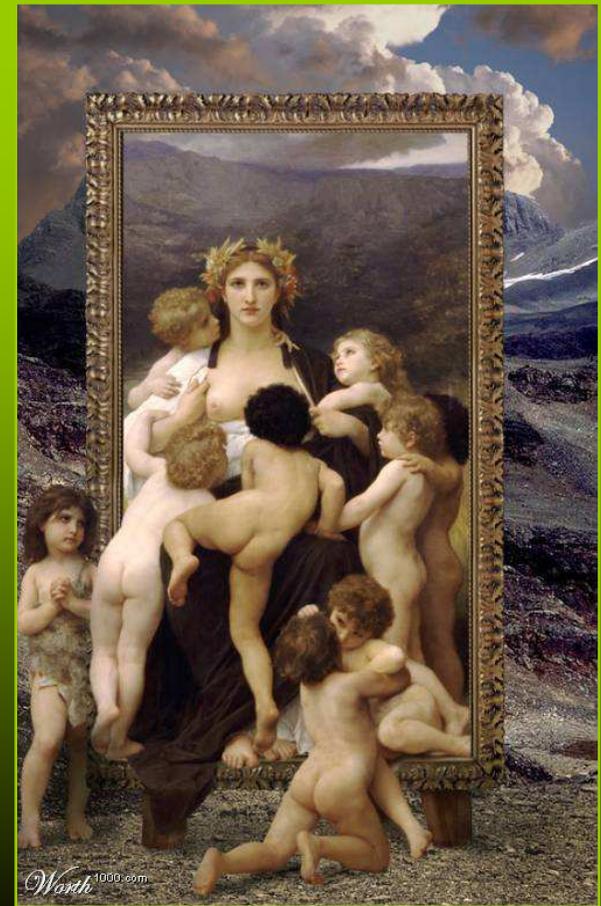
Consensus Forum

Discussion on Each Individual Case
Prospective Comprehensive Treatment



Breast Centers

- Single Setting
(“One-Stop-Shop”)
- Separate Settings
(“Centers Without Walls”)



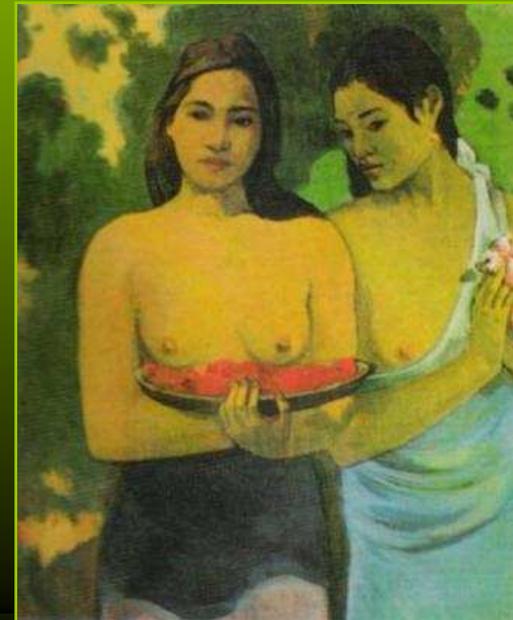
Breast Centers

Europe

“Florence Statement” (1998)

“All women across Europe should have access to fully equipped, dedicated breast units.”

First EBCC (EUSOMA, EORTC-BCCG, EUROPA DONNA)



Breast Centers

European Guidelines

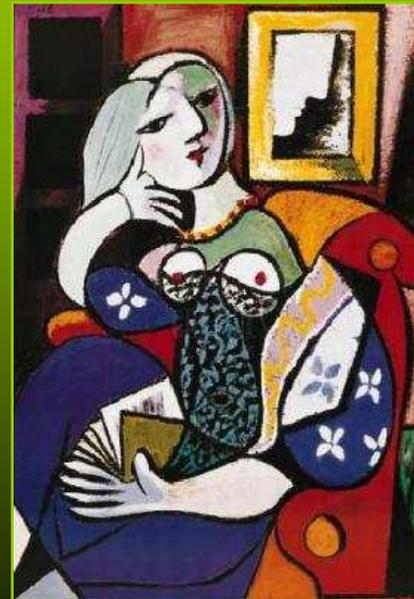
Accreditation of Breast Units

EBCC:

Brussels (2000)

Hamburg (2004)

Nice (2006)



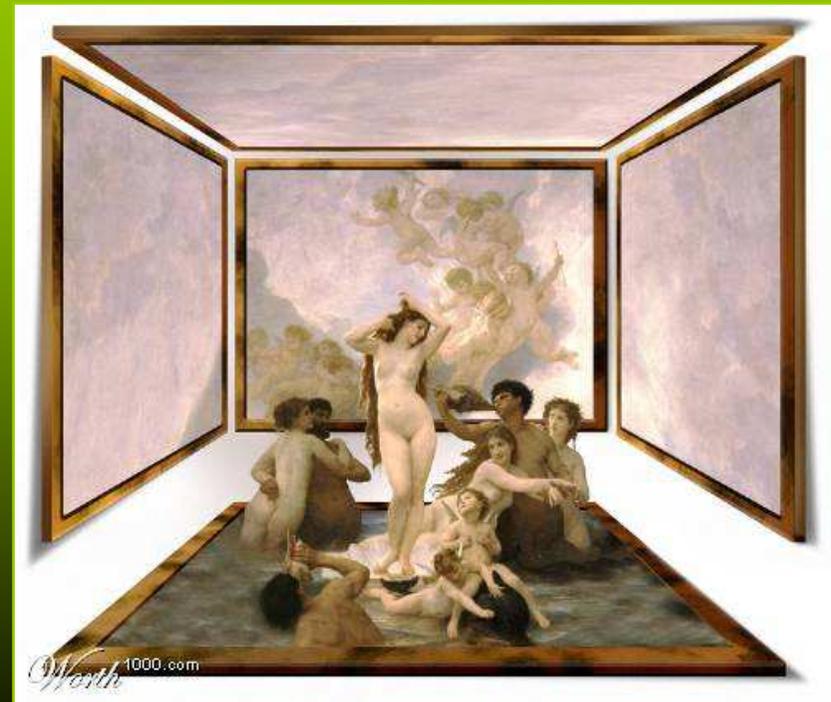
Breast Centers

GUIDELINES:

- *EUSOMA, EORTC-BCCG*
- *ESSO*
- *BASO*
- *UKNHS*

CONSENSUS:

- *NIH*
- *NCCN*
- *ST. GALLEN*

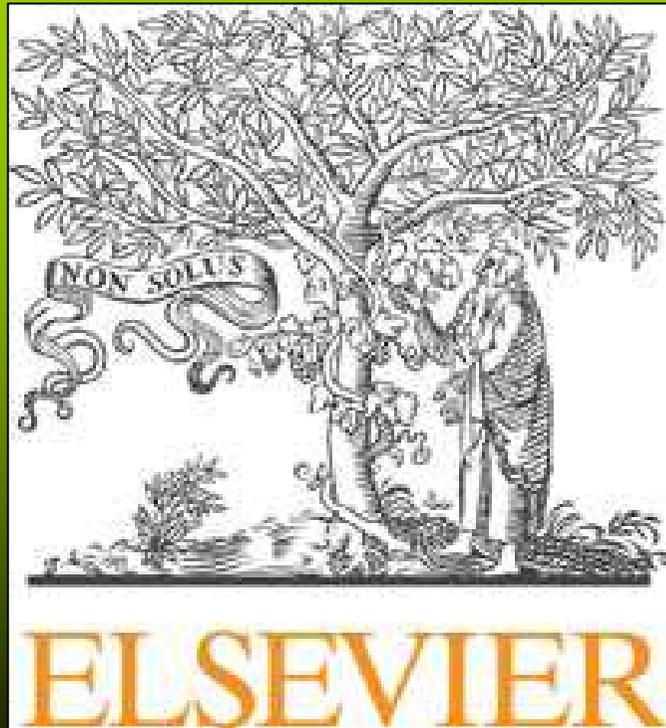


Breast Centers

European Parliament (2003)



“All units involved in screening, diagnosis or therapeutic activities must ensure the formation of proper multidisciplinary team work”



R.W. Blamey, L. Cataliotti
European Journal of Cancer 42: 1331-37, 2006
Position Paper
EUSOMA Accreditation of Breast Units



 **Health & Consumer Protection
Directorate-General**

**European guidelines for quality assurance in breast
cancer screening and diagnosis** *Fourth Edition*

Editors

N. Perry

M. Broeders

C. de Wolf

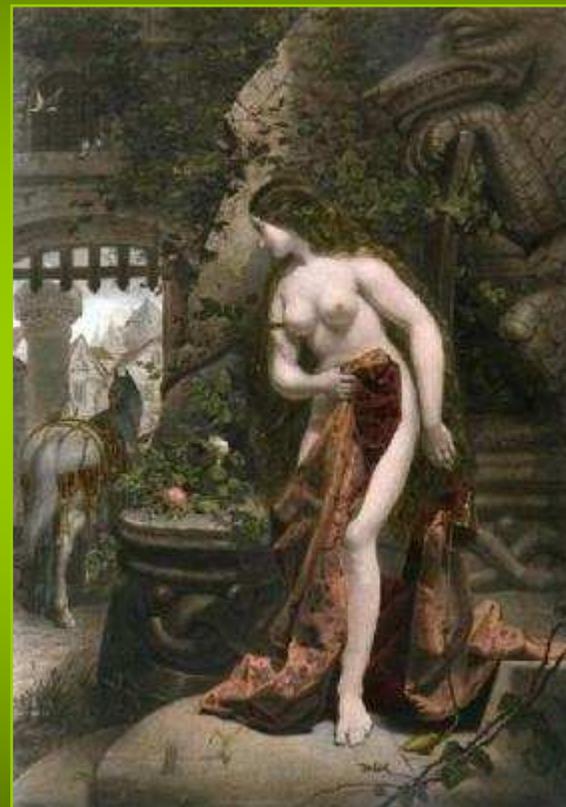
S. Tornberg

R. Holland

L. von Karsa

Technical editor

E. Puthaar

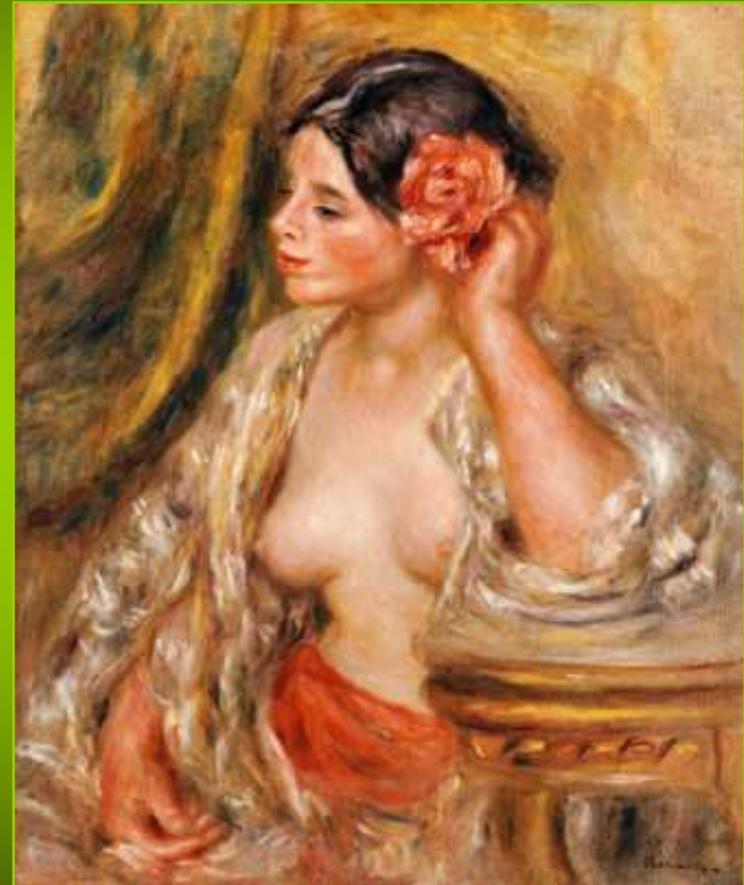


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The requirements of a specialist Breast Unit

Authors
R. Blamey
L. Cataliotti

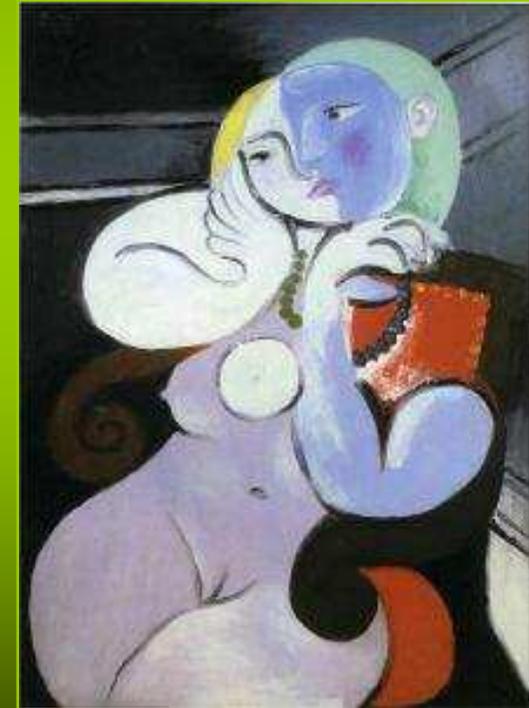
This is a revised version of the original EUSOMA
position paper published in 2000
(European Journal of Cancer 2000; 36:2288-2293)





Breast Cancer Facts in Europe

- According to WHO, mammography screening can reduce deaths from breast cancer by up to 35%.
- 90% of all breast cancer cases could be cured if detected early and treated in quality assured specialist breast units.



Statistics based on data from the International Agency
for Research on Cancer (www.iarc.fr)

Breast Cancer

European Parliament Resolution

Session document 18.10.2006

European Parliament resolution
on breast cancer in the enlarged
European Union

- **Nationwide screening**
- **Nationwide interdisciplinary centers**



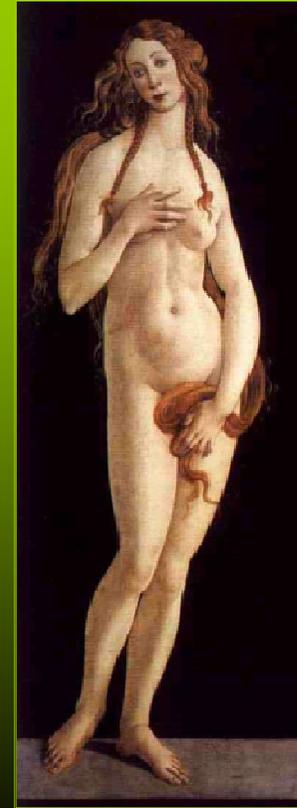
Breast Cancer

European Parliament Resolution

(25/10/2006)

Nationwide Interdisciplinary Centers

“Since treatment in an interdisciplinary Breast Center has proven to raise chances of survival and to improve the quality of life”



Breast Centers

USA

Breast Cancer Treatment Guidelines

National Accreditation Program



NAPBC Member Organizations

American Board of Surgery

American Cancer Society

American College of Surgeons

American Society of Breast Disease

American Society of Breast Surgeons

American Society of Clinical Oncology

American Society for Therapeutic Radiology and Oncology

Association of Cancer Executives

Association of Oncology Social Work

College of American Pathologists

National Cancer Registrars Association

National Consortium of Breast Centers

Oncology Nursing Society

Society of Surgical Oncology



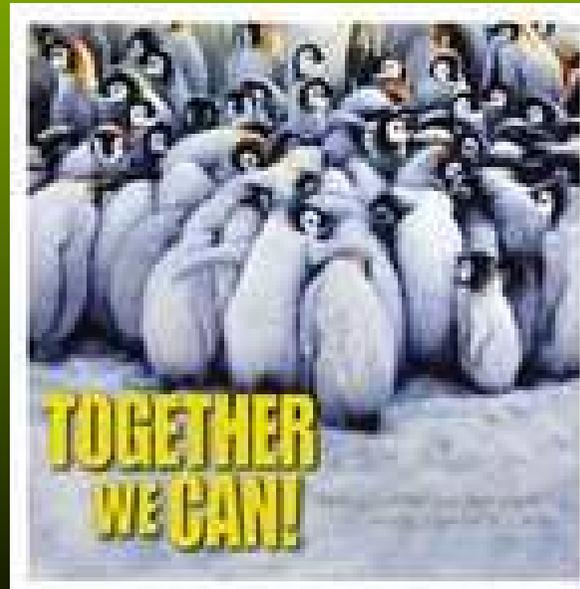
Making Multidisciplinary Cancer Care a Reality

**A National Breast Cancer Centre
Report and Recommendations**

July 2006

**Funded by the Australian Government
Department of Health and Ageing**

**Working together as a team means
winning together as a team.**



SIS-International School of Senology

**International
Standard
For Breast Care**



?



SenoNetwork
Synergy among Breast Units

SenoNetwork is a joint project of



Breast Unit Directory

Jan. 2011

Certified
by Eusoma



Europe

	Austria - 4	2 
	Belgium - 20	1 
	Bosnia and Herzegovina- 1	
	Bulgaria - 1	
	Czech Republic - 2	
	Estonia - 1	
	France - 2	
	Germany - 21	20 
	Greece - 1	
	Hungary -1	
	Italy - 20	1 



SenoNetwork
Synergy among Breast Units

SenoNetwork is a joint project of



Breast Units Directory *cont.*

Jan. 2011

Certified
by
Eusoma



	Europe (<i>cont.</i>)		
	Kazakhstan - 1		
	Lithuania - 1		
	Netherlands - 3		
	Poland - 1		
	Portugal - 4		
	Slovenia -1		
	Spain - 5		



SenoNetwork
Synergy among Breast Units

SenoNetwork is a joint project of



Breast Units Directory *cont.*

Jan. 2011

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	Switzerland - 4	2 
	Turkey - 1	
	United Kingdom - 3	
Africa		
	South Africa - 1	
	Tunisia -1	
Asia		
	India -1	
	Pakistan -1	



SenoNetwork
Synergy among Breast Units

SenoNetwork is a joint project of



Breast Units Directory *cont.* Jan. 2011

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	Syrian Arab Republic - 1	
	Australia and Oceania	
	Australia - 1	
	Latin America	
	Brazil - 5	
	Chile – 1	
	Mexico - 2	

Breast Cancer

European Parliament Resolution

Session document 18.10.2006

- Nationwide screening
- Nationwide interdisciplinary centers



Mammography

1913: Albert Salomon. **Inventor of Breast Radiology**

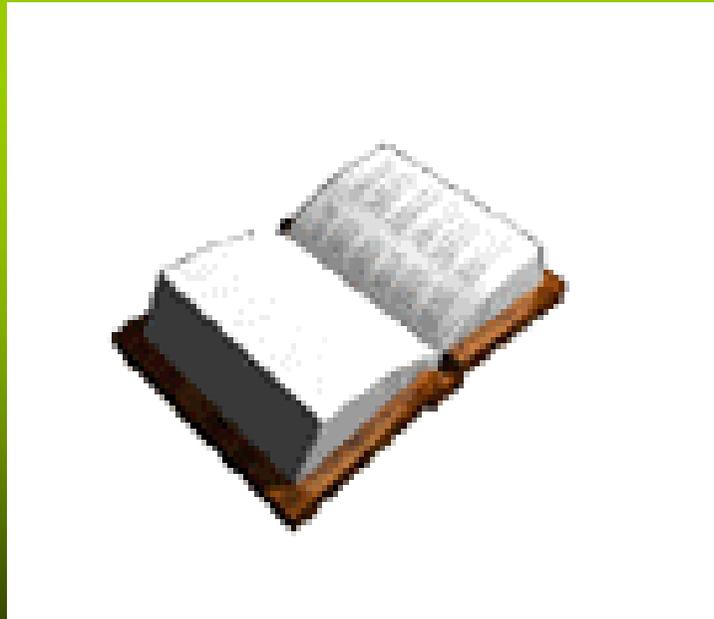
1949: Raul Leborgne. **Low Radiology Radiation**

Mid 1950's: Jacob Gershon-Cohen: **First Screening**

1969: Charles-Marie Gros: **Senograph**

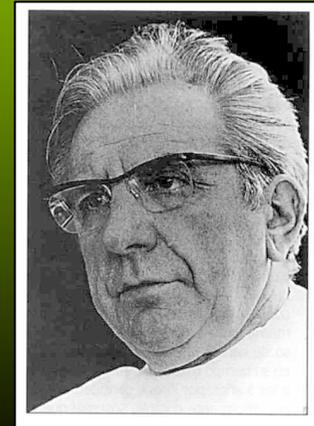
SIS-International School of Senology

Learning from History



Charles-Marie Gros (1910-1984)

- **Senology**
- **First Health Service for the Diagnosis and Treatment of Breast Diseases (1960)**
- **The Senograph (1969)**
- **SIS (1976)**





YES, I DID HAVE MY MAMMOGRAM
TODAY... WHY DO YOU ASK?

SIS

Active Members: 37

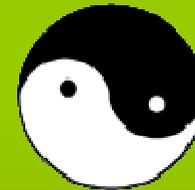
Honorary Members: 60

International Scientific Network: 464



SIS-International School of Senology

**International
Standard
For Breast Care**



Thank you!!

