

**1<sup>st</sup>**

**International Congress  
of Breast Disease Centers**

**2011**

# **Synergy among Breast Units: The SenoNetwork Project**



**Carlos A. Garcia-Etienne**

**Paris**

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# THE CONCEPT

**SenoNetwork is the first international network of clinical centers (Breast Units) exclusively dedicated to the diagnosis and treatment of breast cancer**

<http://www.senonetwork.org>



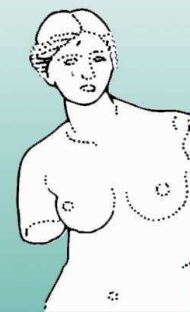
# BREAST UNIT<sup>1</sup>

**A group of specialists in breast cancer not necessarily located in a single geographic entity, but with independent buildings within reasonable proximity to allow multidisciplinary work**

1. <http://www.eusoma.org/doc/EusomaBURequirements2010.pdf>



Learning to care



**EUSOMA**

European Society of Breast  
Cancer Specialists








# MISSION

- **Promote synergism among Breast Units by interconnecting specialists and personnel working in the field**
- **Help breast cancer patients find the right place for care or for a second opinion**

<http://www.senonetwork.org>

EUROPE		AFRICA	
 <a href="#">Austria</a>	4	 <a href="#">South Africa</a>	1
 <a href="#">Belgium</a>	18	 <a href="#">Tunisia</a>	1

  **Rotkreuzklinikum-Frauenklinik Lehrkrankenhaus der TU Muenchen - Muenchen, Germany**

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**New breast cancer cases treated per year** 570

**Breast multidisciplinary team members** 16  
Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

**Clinical Director:** [Wolfgang Eiermann](#)

The Breast Center in the Dept. of Gynecology, Red Cross Hospital, is one of the largest institutions of its kind in Germany. A team of experts from different specialities offers the whole spectrum of treatment available today for malignant and benign breast care. The patients receive an individualised treatment plan. All cases are discussed daily both pre- and post-operatively in multi-disciplinary case management meetings and an interdisciplinary forum including radiologists, radiographers, gynecological surgeons, oncologists and pathologists meets weekly to discuss the individual cases including recommendations for therapy before the patient is advised. Physiotherapy, psychological support, genetic counselling and care of advanced malignancy including palliative care are available. The Red Cross Breast Center in Munich maintains international acclaim through continuous research and participation in large international therapy studies and protocols as Principle- an Co-Investigators. The high standards of Eusoma Centres in Europe are all met in this Center, including the participation in quality assurance schemes with audit.

-  [Austria](#)
-  [Belgium](#)
-  [Bosnia and Herzegovina](#)
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-  [Czechia](#)
-  [Estonia](#)
-  [France](#)
-  [Germany](#)
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-  [Poland](#)
-  [Portugal](#)
-  [Slovenia](#)
-  [Spain](#)



# Becoming a member

- **Free (online registration)**
- **Minimum requirements:**
  - **Human resources**
  - **Physical facility**
  - **Multidisciplinary management**



# Eligibility Gate

1.  $\geq$  150 new breast cancer cases (any stage) per year
2.  $\geq$  one dedicated breast surgeon
3.  $\geq$  one dedicated radiologist
4.  $\geq$  one breast dedicated pathologist



# Two types of Membership



- **Affiliate Member:** passed the SenoGate and meet Full-Members
- **Full Member:** Full-Members



*SenoNetwork: Synergy among Breast Units*

## SenoNetwork Full Membership Criteria

The following criteria are shown in the corresponding order of the application Questionnaire (please refer to question numbers). Items in red are mandatory SenoNetwork Full Membership Criteria. Items in blue are NOT mandatory, but represent additional recommendations of the SenoNetwork Committee.

A Breast Unit must HAVE or PERFORM:

### 2. Breast Unit Multidisciplinary

All the following Department/Services inside or outside the facility:

- a) Radiology
- b) Breast Surgery
- c) Reconstructive/Plastic Surgery
- d) Pathology
- e) Medical Oncology
- f) Radiotherapy
- g) Nuclear Medicine
- h) Rehabilitation
- i) Genetic Counselling
- j) Data Management
- k) Psycho-Oncology
- l) Breast Nurses
- m) Supportive and Palliative Care

### 3. Radiology

3.1. At least one dedicated radiologist\* who reads at least 1000 mammograms per year.

\* defined as focusing at least 30% of the time in breast diseases or as being the referral radiologist for all breast cases.

3.2. Breast radiographers (technicians) in the Unit.

3.5. Minimum breast imaging equipment available (must have "a" and "b"):

- a) Mammography
- b) Ultrasound
- c) Breast Magnetic Resonance Imaging (MRI)

# Full Membership Criteria



**Red = Mandatory**

**Blue = Recommended (NOT mandatory)**

**A Breast Unit must HAVE or PERFORM**

## 2. Breast Unit Multidisciplinary

All the following Department/Services inside or outside the facility:

- a) Radiology
- b) Breast Surgery
- c) Reconstructive/Plastic Surgery
- d) Pathology
- e) Medical Oncology
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- h) Rehabilitation
- i) Genetic Counselling
- j) Data Management
- k) Psycho-Oncology
- l) Breast Nurses
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# Full Membership Criteria



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3.2. Breast radiographers (technicians) in the Unit.

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- a) Mammography
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- c) Breast Magnetic Resonance Imaging (MRI)

# Full Membership Criteria

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## A Breast Unit must HAVE or PERFORM

3.7. Minimum breast tissue sampling equipment/procedures available (must have “a” and “b”):

a) Stereotactic Biopsy:

- Core (Tru-cut) or Vacuum assisted biopsy (i.e. Mammotome, Vacora, others)

b) Ultrasound-guided biopsy:

- Core or Vacuum assisted biopsy

c) MRI-guided biopsy

- Core or Vacuum assisted biopsy

3.8. At least one technique for localizing non-palpable breast lesions:

a) Hook-wire (or needle localization)

b) Charcoal marking/tattooing

c) ROLL: radio-guided occult lesion localization

d) If other, must be specified

# Full Membership Criteria

**Red = Mandatory**

**Blue = Recommended (NOT mandatory)**



## A Breast Unit must HAVE or PERFORM

### 4. Breast Surgery

4.3. At least one dedicated breast surgeon\* who performs more than 50 new breast cancer surgeries per year at the Unit.

\* defined as focusing at least 50% of the time in breast diseases or as being the referral surgeon for all breast cases

4.6. Staging of the axilla with sentinel lymph node biopsy.

### 5. Reconstructive Surgery

5.1. (4.8). At least one Reconstructive/Plastic Surgeon collaborating with the Unit or a Breast Surgeon who performs reconstruction.

5.2. Immediate breast reconstruction.

### 6. Pathology

6.1. At least one dedicated pathologist\* in breast diseases collaborating with the Unit.

\* defined as focusing at least 30% of the time in breast diseases or as being the referral pathologist for all breast cases.

# Full Membership Criteria



**Red = Mandatory**

**Blue = Recommended (NOT mandatory)**

**A Breast Unit must HAVE or PERFORM**

## 7. Medical Oncology

7.1. At least one dedicated medical oncologist\* collaborating with the Unit.

\* defined as being a referral medical oncologist for breast cancer cases.

## 8. Radiotherapy

8.1. At least one dedicated radiation oncologist\* collaborating with the Unit.

\* defined as being a referral radiotherapist for breast cancer cases.

# Full Membership Criteria



**Red = Mandatory**

**Blue = Recommended (NOT mandatory)**

**A Breast Unit must HAVE or PERFORM**

## 9. Multidisciplinary Meeting

9.1. A regular Multidisciplinary Meeting (MDM) / Tumour Board (TB) for case management discussion.

9.1. Weekly Multidisciplinary Meeting (MDM) for case management discussion.

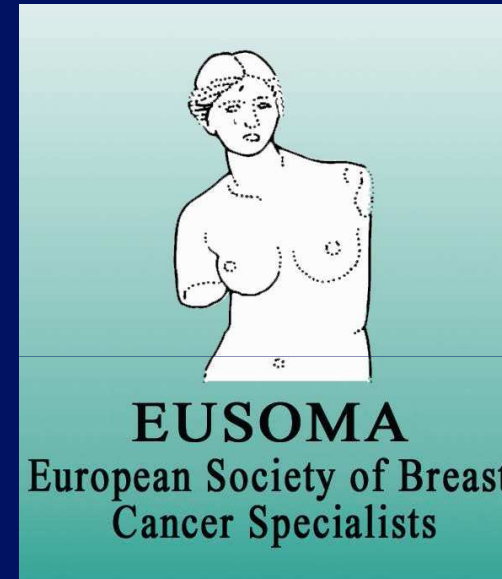
9.3. The following Department/Services must participate in the MDM:

- a) Radiology
- b) Breast Surgery
- c) Pathology
- d) Medical Oncology
- e) Radiotherapy
- f) Reconstructive/Plastic Surgery
- g) Breast Nurse Service

# SenoNetwork & EUSOMA BU Certification



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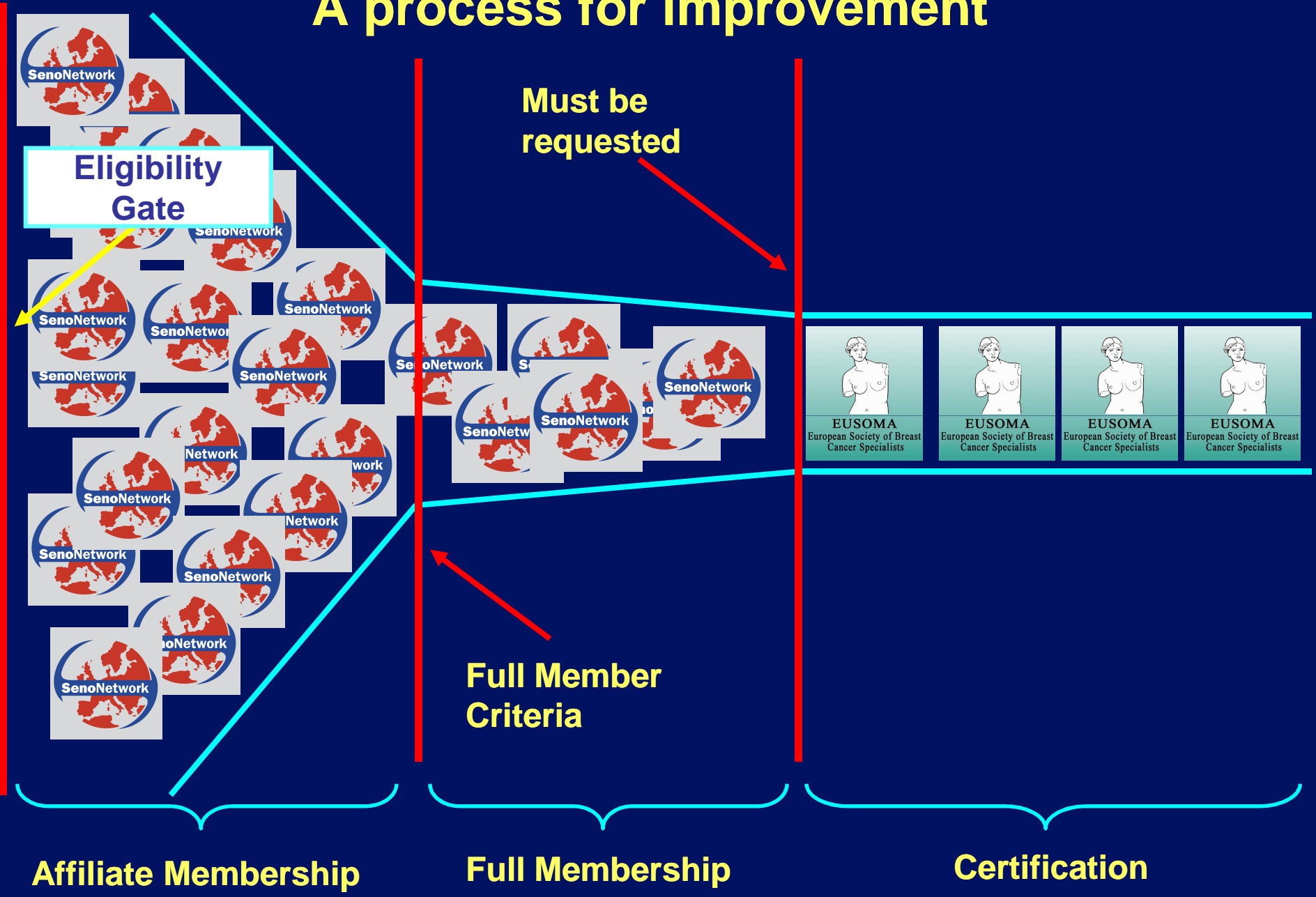
**Membership**

**Certification**

- **Not initiated automatically**
- **SenoNetwork Membership does not guarantee obtaining this certification**




# SenoNetwork & EUSOMA: A process for improvement



# The Network today

## 30 Countries



EUROPE		AFRICA	
 <a href="#">Austria</a> 4	2	 <a href="#">South Africa</a> 1	
 <a href="#">Belgium</a> 18	1	 <a href="#">Tunisia</a> 1	
 <a href="#">Bosnia and Herzegovina</a> 1			
 <a href="#">Bulgaria</a> 1			
 <a href="#">Czech Republic</a> 2			
 <a href="#">Estonia</a> 1			
 <a href="#">France</a> 2			
 <a href="#">Germany</a> 16	16		
 <a href="#">Greece</a> 1			
 <a href="#">Hungary</a> 1			
 <a href="#">Italy</a> 26	1		
 <a href="#">Lithuania</a> 1			
 <a href="#">Netherlands</a> 3			
 <a href="#">Poland</a> 1			
 <a href="#">Portugal</a> 4			
 <a href="#">Slovenia</a> 1			
 <a href="#">Spain</a> 5			
 <a href="#">Switzerland</a> 4	2		
 <a href="#">Turkey</a> 1			
 <a href="#">United Kingdom</a> 2			
		ASIA	
		 <a href="#">India</a> 1	
		 <a href="#">Kazakhstan</a> 1	
		 <a href="#">Pakistan</a> 1	
		 <a href="#">Syrian Arab Republic</a> 1	
		AUSTRALIA AND OCEANIA	
		 <a href="#">Australia</a> 1	
		LATIN AMERICA	
		 <a href="#">Brazil</a> 5	
		 <a href="#">Chile</a> 1	
		 <a href="#">Mexico</a> 2	

Legend  
 Certified by Eusoma ([view all](#))

# The Network today



	<b>BU's</b>
<b>Original Members</b>	<b>77</b>
<b>New Members*</b>	<b>33</b>
<b>Total Members online</b>	<b>110</b>

**\* After launch of new website in March 2010**



# The Network today

## Countries with new members\*

	BUs
Austria	2
Belgium	3
Bosnia and Herzegovina	1
Brazil	1
Czech Republic	1
Estonia	1
Greece	1
Italy	14

	BUs
Kazakhstan	1
Lithuania	1
Mexico	2
Poland	1
Portugal	1
South Africa	1
Syrian Arab Republic	1
Tunisia	1

\* After launch of new website in March 2010

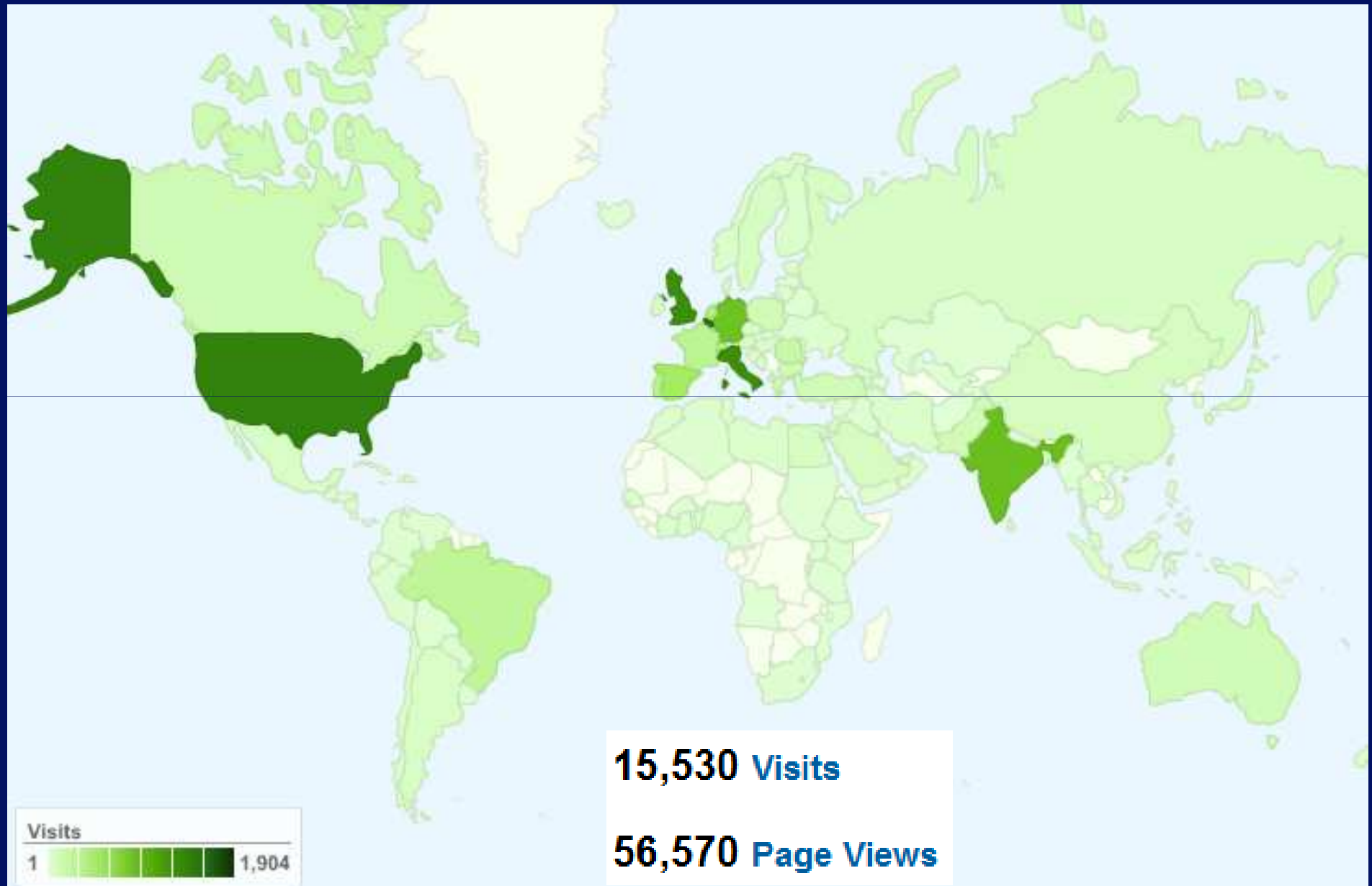
# The Network today



## Membership status






	<b>BU's</b>
<b>Full Members</b>	<b>86 (78%)</b>
<b>Affiliate Members</b>	<b>24 (22%)</b>
<b>Total Members online</b>	<b>110</b>

# Website visits by country 2010



# Website visits by continent 2010



	Detail Level: <b>Continent</b> ▼	Visits ▼ ↓	Individual Continent performance: <b>Visits</b> ▼
1.	Europe	10,206	 65.72%
2.	Americas	2,541	 16.36%
3.	Asia	2,297	 14.79%
4.	Africa	297	 1.91%
5.	Oceania	172	 1.11%
6.	(not set)	17	0.11%



# The Network today

Homepage question: Who are you?

Online users	
Health Manager	17 (9%)
Non-medical health professional	25 (13%)
Patient	61 (33%)
Physician	83 (45%)
Total	186





# Acknowledgments

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**Thank you**