



Integration of Research Results in a Breast Cancer Unit: Improving Clinical Outcomes and Quality of Life

Maria João Cardoso, MD, PhD

Head Breast Cancer Surgeon, Breast Unit ,Champalimaud Foundation

The Breast Specialty Editor

EORTC Breast Cancer Group Locoregional Treatment Coordinator

INESC Porto Breast Research Group

Mama Help President – Support Centre for Breast Cancer Patients



Conflict of Interest Disclosure

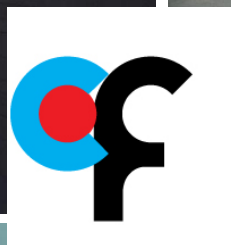
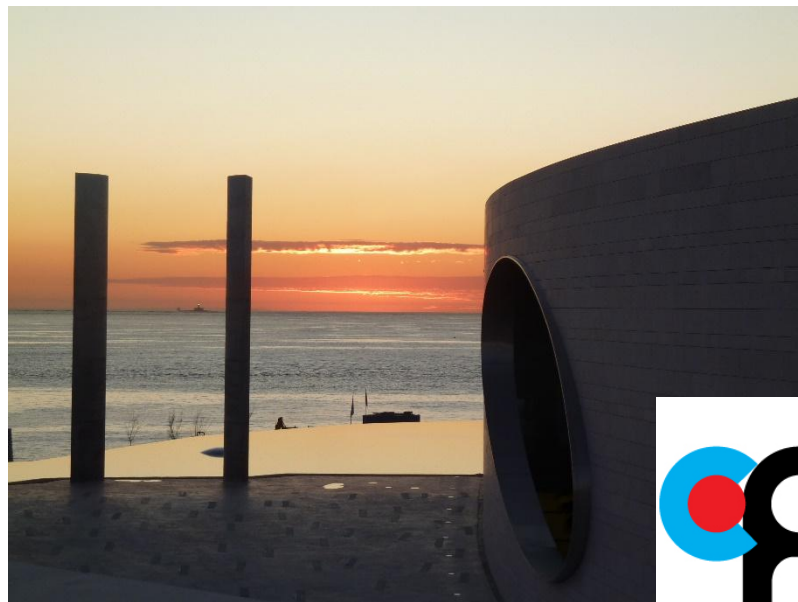
- No financial relationships to disclose



2nd Breast Cancer Workshop

Porto, 7th April 2015

Integration of Research Results in a Breast Cancer Unit: Improving Clinical Outcomes and Quality of Life, *Maria João Cardoso*

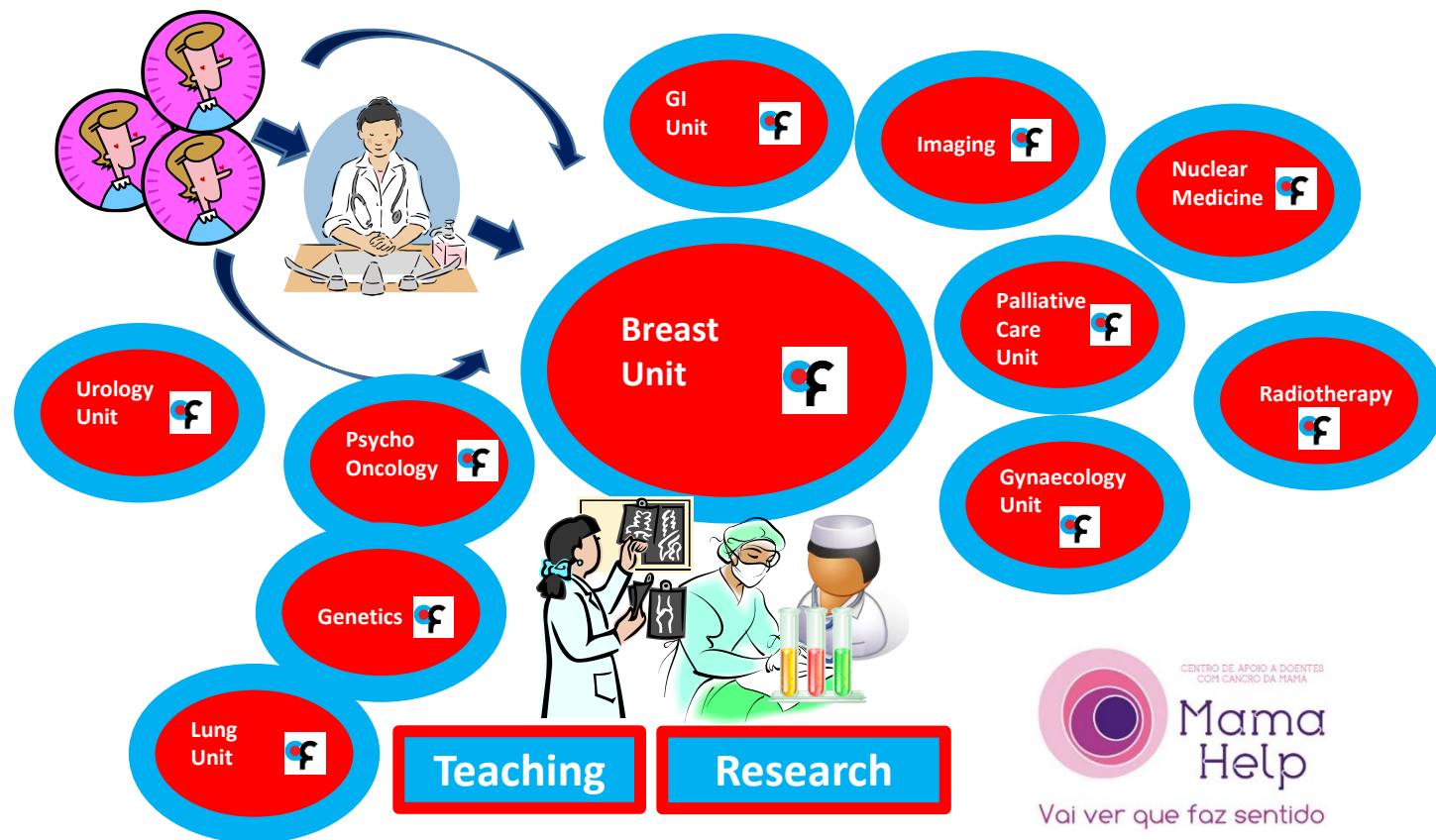


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Integration of Research Results in a Breast Cancer Unit: Improving Clinical Outcomes and Quality of Life, *Maria João Cardoso*





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Breast Unit 2014

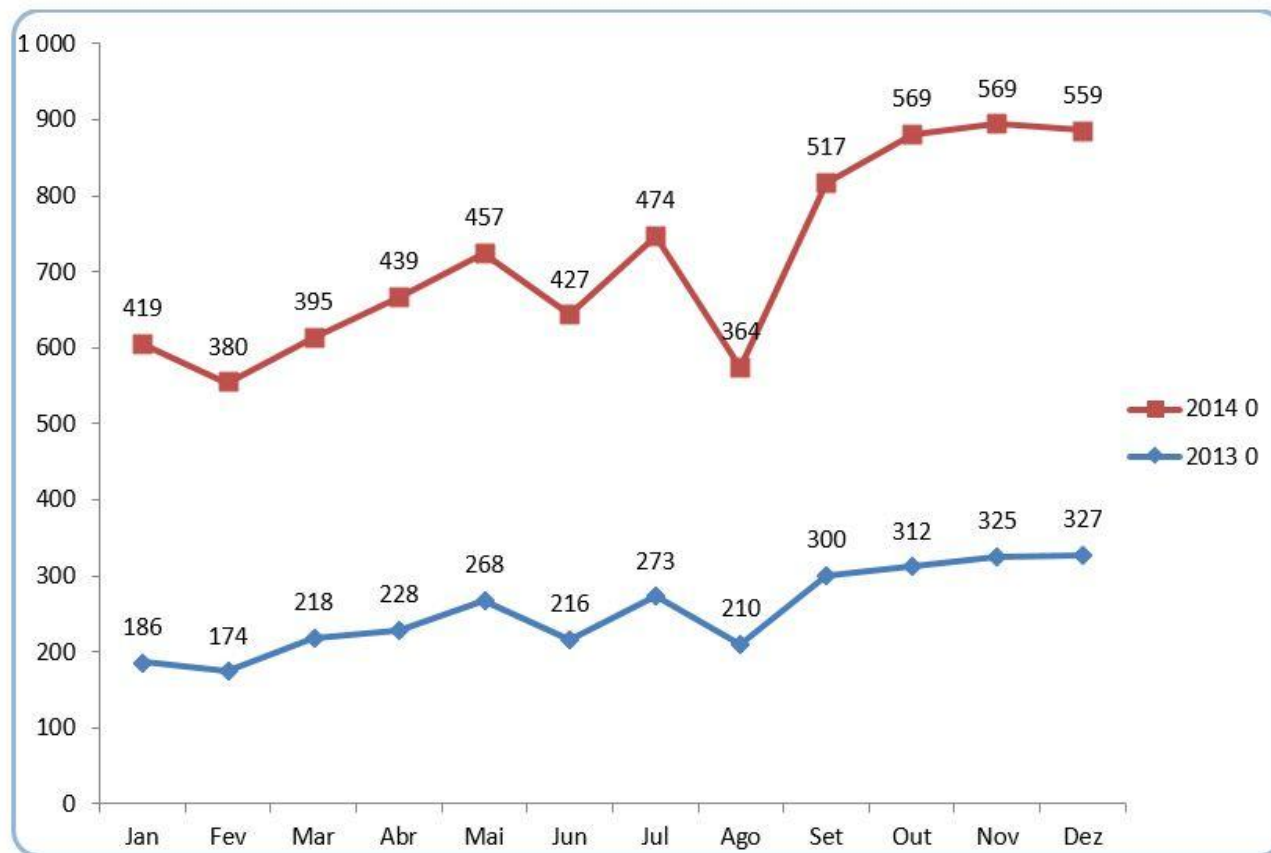


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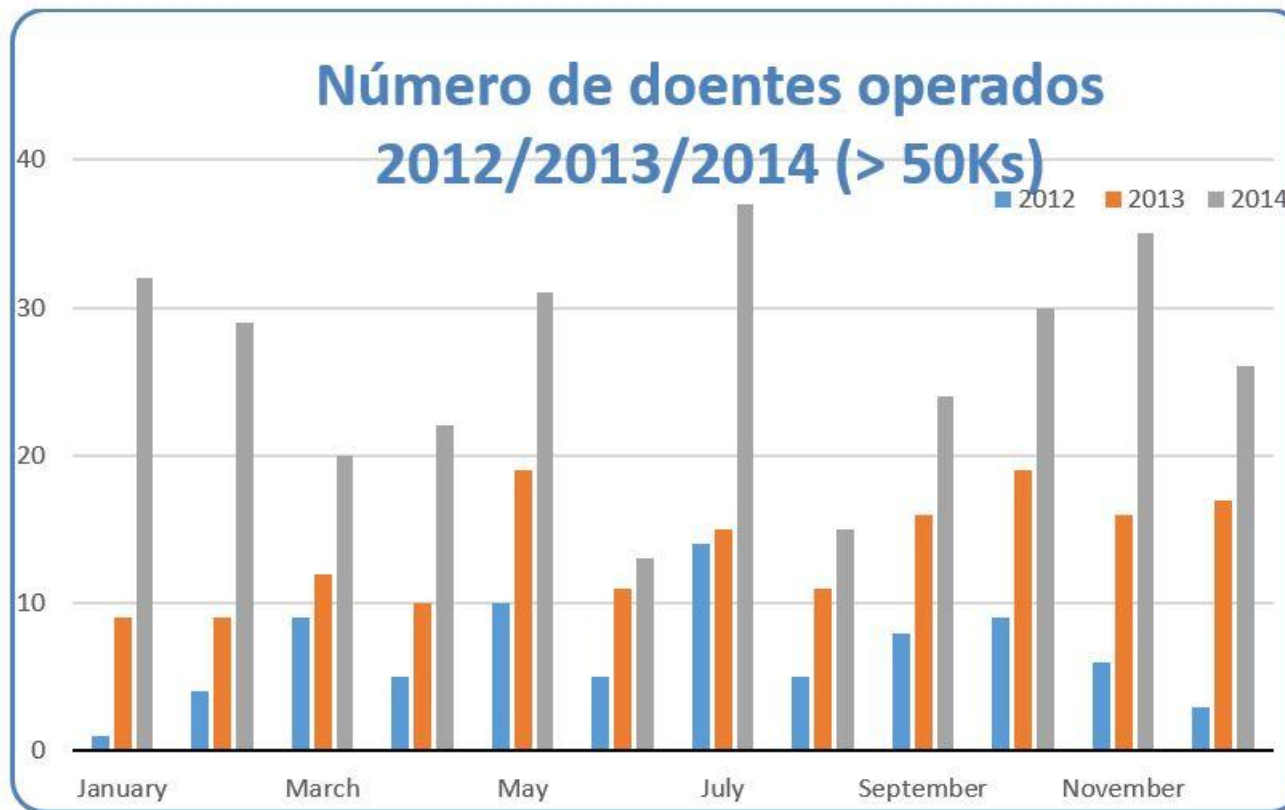
2013 & 2014)



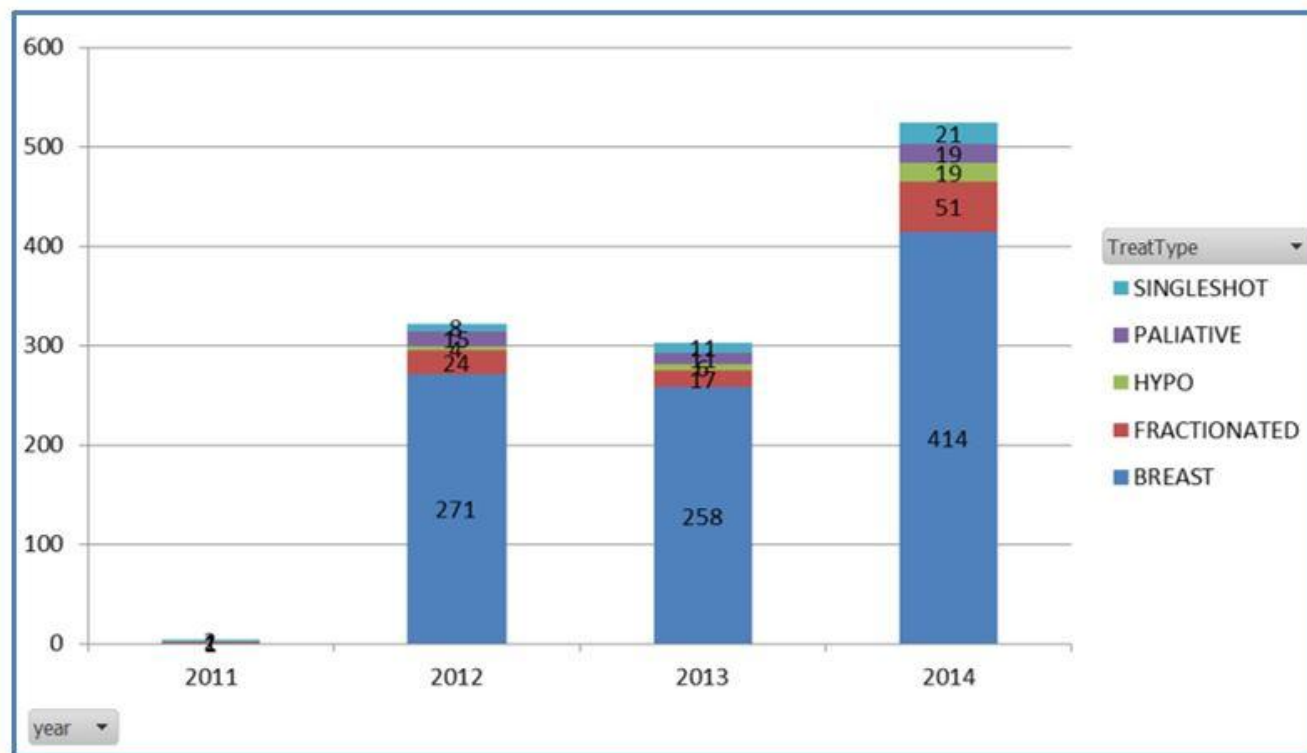
Clinics



Total	79	164	314
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Surgery



Radiotherapy



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**Breast Centres Network**
Synergy among Breast Units

This breast centre is part of Breast Centres Network, the first international network of clinical centres exclusively dedicated to the diagnosis and treatment of breast cancer.

BCN's mission is to promote synergism among breast units by interconnecting specialists and personnel working in the field, and to help breast cancer patients find the right place for care or for a second opinion. For this purpose, BCN's specific objectives are to:

1. Play an active role in the proposal and validation of breast cancer care guidelines.
2. Foster training activities and academic exchange among breast units to ensure scientific updates on breast cancer research.
3. Contribute to the process of standardising breast cancer care among these units according to European Guidelines.
4. Provide information to help patients and their caregivers to identify high quality Breast Units throughout the world.

Information available at www.breastcentresnetwork.org


Breast Centres Network is a project of:

**Breast Centres Network**
Synergy among Breast Units

A project of 

[Home](#) [Breast Unit Directory](#) [About us](#) [Become a Member](#) [Events](#) [Contact](#) [Members Area](#)

[Home](#) > [Breast Unit Directory](#) > [Portugal](#) > Champalimaud Foundation/Champalimaud Clinical Center

Breast Units in Portugal:

★ **Champalimaud Foundation/Champalimaud Clinical Center – Lisbon, Portugal**

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New breast cancer cases treated per year **600**

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

Clinical Director: **Fatima Cardoso, MD**

The Champalimaud Breast Unit was launched in 2011 under the Direction of Dr. Fatima Cardoso and is now working at full speed. Multidisciplinary meetings are held every week for treatment decisions, and consultations are shared between specialties whenever necessary. In the multidisciplinary meetings, besides the members of the Breast Unit, which includes medical oncologists, breast surgeons, plastic surgeons, radiotherapists, radiologists, pathologists and specialised nurses, we count also on the participation of nuclear medicine specialists, psycho-oncologists, nutritionists, geneticists and palliative care specialists. Our team is fully committed to providing the best possible outcome as well as the best quality of life and quality of care. We believe that major improvements come through high quality clinical and translational research, as well as high quality health care which follows international guidelines. Therefore, all treatments and second opinions are based on proven concepts, and several clinical trials are underway at the Breast Unit. We firmly believe that working together maximises the potential of each one of us and delivers better outcomes to our patients.

Accreditation



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REGISTO CLÍNICO DE PATOLOGIA MAMÁRIA

O **VCBRE** é uma aplicação informática que serve de suporte às actividades clínicas da unidade de patologia mamária. A aplicação disponibiliza aos profissionais de saúde meios tecnológicos que apoiam a prestação de cuidados, estando integrada com os restantes Sistemas de Informação clínicos e administrativos já existentes.

O **VCBRE** regista os sintomas, a morfologia e o local da lesão, bem como os dados referentes a meios complementares de diagnóstico e a consultas de grupo. Possui uma interface com o utilizador intuitiva que é acessida através do sistema **VCINTEGRATOR**, ficando desta forma acessível aos utilizadores registados em qualquer computador da rede do Hospital.

O **VCBRE** integra-se com outros sistemas, estando preparado para se ligar ao sistema central de doentes (SONHO), e com a aplicação utilizada no serviço de Anatomia Patológica, permitindo assim uma visão global do processo clínico aos profissionais de saúde. Os relatórios produzidos no **VCBRE** são armazenados centralmente no Registo Clínico Hospitalar para serem consultados pelos restantes serviços hospitalares.

A aplicação está a ser desenvolvida pelo Serviço de Bioestatística e Informática Médica da Faculdade de Medicina da Universidade do Porto em parceria com o grupo de Patologia Mamária do Hospital de S. João do Porto.



PARA MAIS INFORMAÇÕES
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Telm: +351 916 980 339
e-mail: virtualcare@med.up.pt
<http://virtualcare.med.up.pt>

Eusoma

Questionnaire for database validation

Unit.....

Contact person.....

Address.....

e-mail.....

fax.....

Questionnaire filled in on (date).....

Accreditation

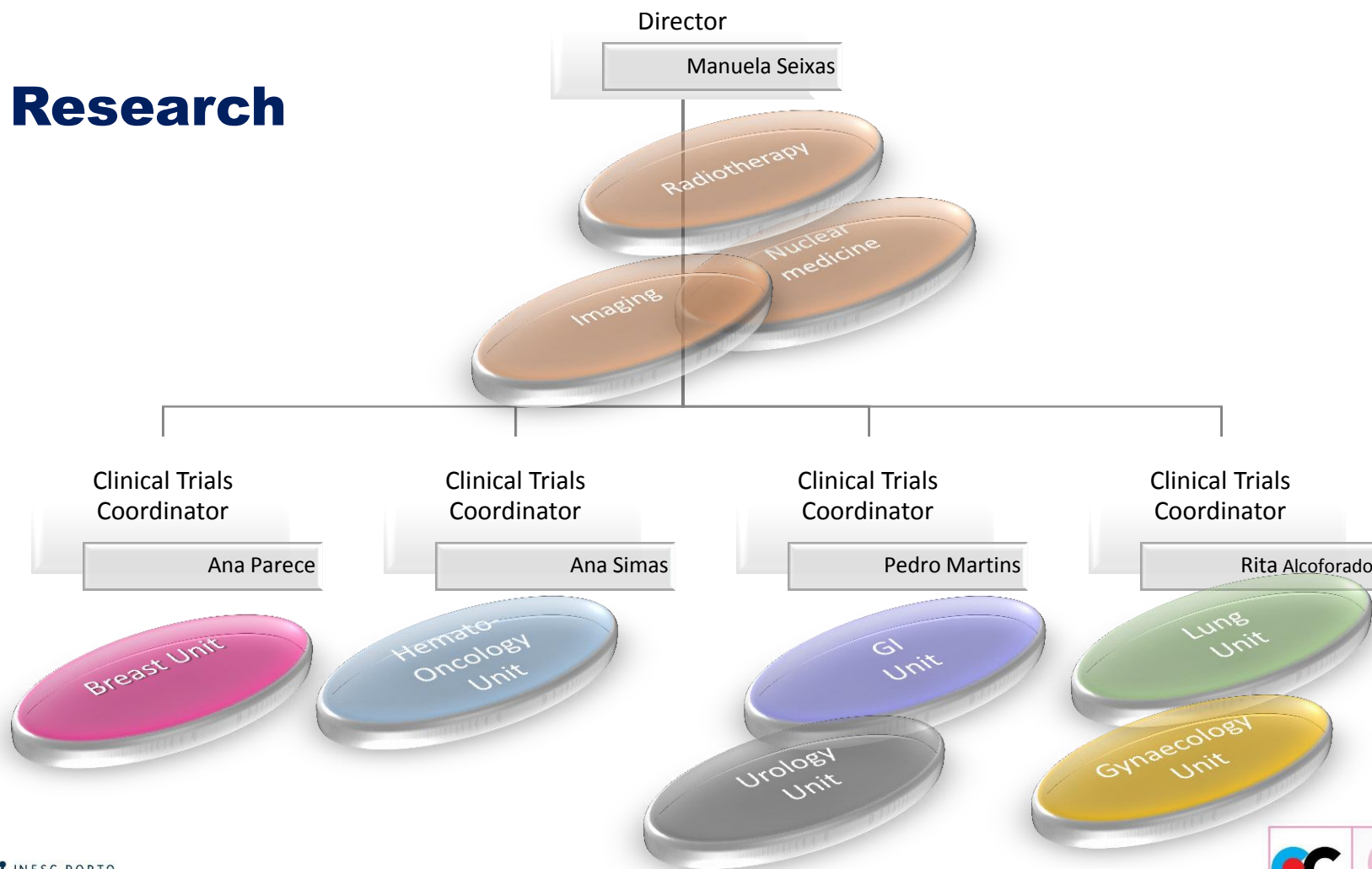


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Research





BREAST UNIT TRIALS

- ▶ Open Trials: 12
- ▶ Open Observational Studies : 3

- ▶ Studies Phase II and III
- ▶ Number of included Patients:
 - Academic: 122
 - Pharma Industry: 20

Research



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Breast Research Group

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Team



Maria Joao Viseu Botelho Cardoso, MD, PhD
Head Breast Surgeon, Breast Unit, Champalimaud Cancer Center, Champalimaud Foundation, Lisbon, Portugal
Contact: maria<dot>joao<dot>cardoso<at>fundacaochampalimaud<dot>pt

Curriculum Vitae:

Maria João Cardoso has been appointed as Head Breast Surgeon at the Breast Unit of the Champalimaud Cancer Center in 2011. Her undergraduate and post graduate studies were undertaken at the Porto Faculty of Medicine. She dedicated her career to breast surgery and started her training in oncological surgery at the Institut Gustave Roussy in France with Jean Yves Pettit and Lise Barreau. From 2007 to 2010 she was Clinical Director of the S. João Hospital Breast Unit in Porto. From 2004-2010 member of the Ethics Committee at S. João Hospital, Porto. She holds a PhD in Medicine from University of Porto with the topic of objective evaluation of aesthetic results in breast cancer conservative treatment. Since then the majority of her research activity is related to this topic and the development of objective ways of evaluating aesthetic results in all forms of breast surgery, aiming at a better quality of life for patients. From 2006 to 2011 she was appointed Assistant Professor of the Department of Surgery of the Porto Faculty of Medicine. Dr MJ Cardoso is co-coordinator of the Breast Research group at INESC Porto with Professor Jaime Cardoso. Until 2012, she has published more than 20 papers on international journals as first author, with an average impact factor is 3.1 according to the JCR 2010. Until 2012, she has also co-authored more than 80 full communications in major international conferences. She is a member of the editorial board of The Breast journal and a reviewer of several topic international journals. One of her main interests is also quality of life of breast cancer patients and she founded in 2011 a Support Centre for Breast Cancer Patients, Mama Help (www.mamahelp.pt). She is a member of the board of the Portuguese Society of Senology.



Jaime dos Santos Cardoso, PhD
Assistant Professor at Faculdade de Engenharia da Universidade do Porto (FEUP)
Area Leader / Investigator at INESC TEC, Portugal
Contact: jaime.cardoso<at>inescporto<dot>pt
URL: <http://www.inescporto.pt/~jsc/>

Curriculum Vitae:

Jaime S. Cardoso was born in Argivai, Póvoa do Varzim, Portugal, in 1976. He graduated in Electrical and Computers Engineering from the Faculdade de Engenharia, Universidade do Porto, Portugal, in 1999. He received the M.Sc. degree in Mathematical Engineering in 2005 from Faculdade de Ciências, Universidade do Porto, Portugal and the Ph.D. degree from the Faculdade de Engenharia, Universidade do Porto, in 2006. He is currently an Assistant Professor at the Departamento de Engenharia Electrotécnica e de Computadores da Faculdade de Engenharia da Universidade do Porto. Since 1999, he is a researcher at INESC TEC, an R&D institute affiliated to Universidade do Porto. His research interests include machine learning and image/video processing.

Links

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Research



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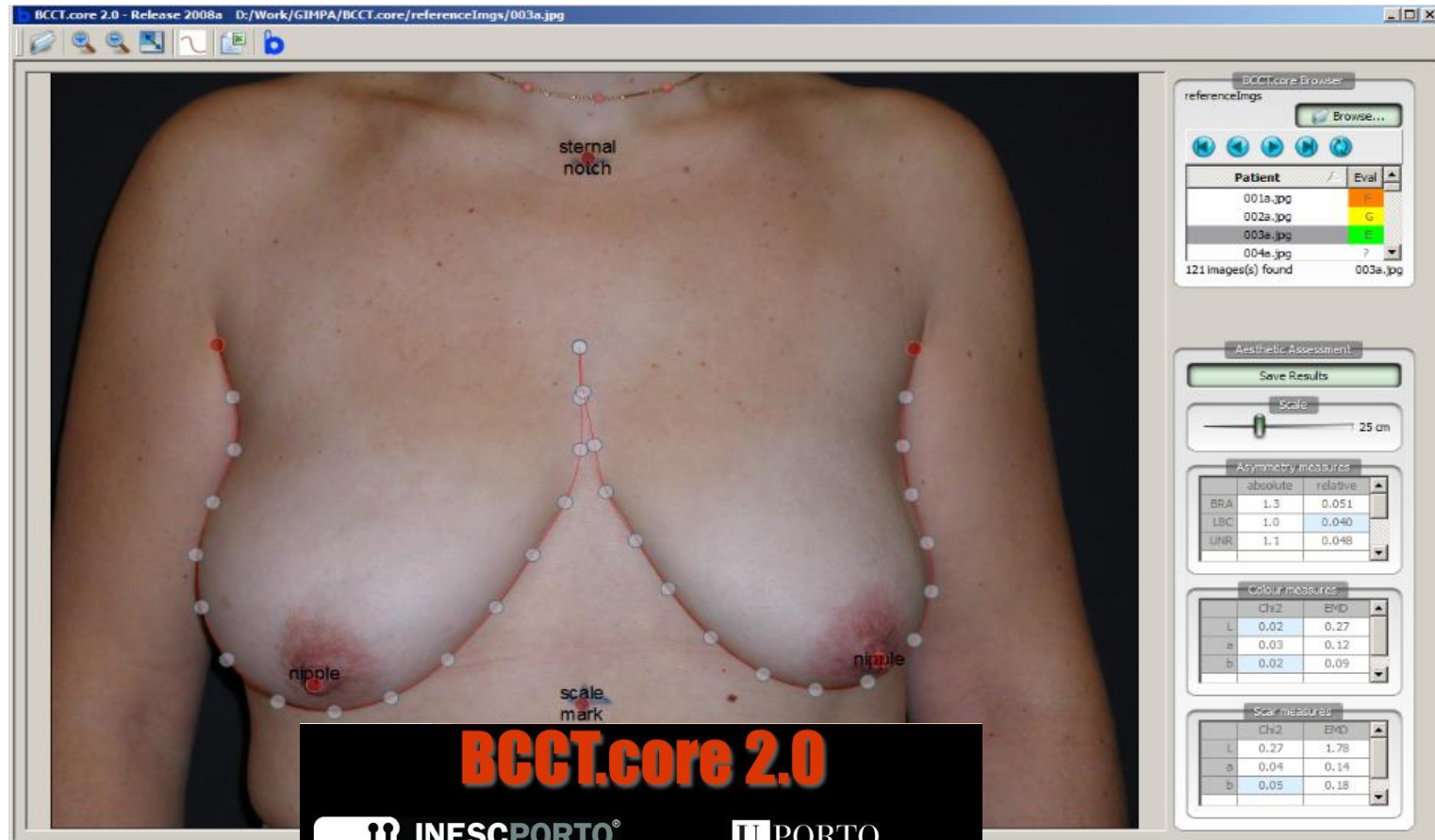




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BCCT.core 2.0



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INSTITUTO DE ENGENHARIA DE SISTEMAS
E COMPUTADORES DO PORTO

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andré magalhães, susy costa, teresa almeida

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medicalresearch@inescporto.pt

Licensed to Dr. Pooja Padmanaba



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Research



Picture

predict the aesthetic outcomes of breast cancer surgery

HOME ABOUT US RESEARCH CONSORTIUM

Home

Patient Information Combined for the Assessment of Specific Surgical Outcomes in Breast Cancer

With 10-year survival rates now exceeding 80%, the effects of surgery on a woman's self-image are a major factor in her emotional and psychological recovery. The tools developed by the three-year, EU funded PICTURE (Patient Information Combined for the Assessment of Specific Surgical Outcomes in Breast Cancer) project aim to help patients be a more informed part of the therapy decision process, thus feeling more in control of their treatment, while providing reassurance and improving visual results.

Leading academic and clinical centres from INESC (PT), LUMC (NL), UCL (UK), and KCL (UK) and Philips are joining forces to develop tools to help women understand how different breast cancer therapy options may affect how they look.

The research leading to these results has received funding from the European Community's Seventh Framework Programme under grant agreement no. 600948

Research



The People



Scientific Coordinator
• Jörg Sabczynski

Champalimaud Foundation
• Maria João Cardoso
• Pedro Gouveia

INESC Porto
• Jaime Cardoso
• Hélder Oliveira

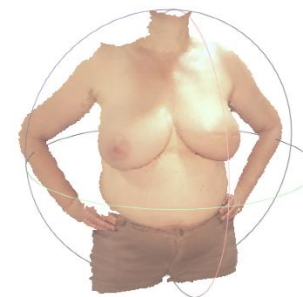
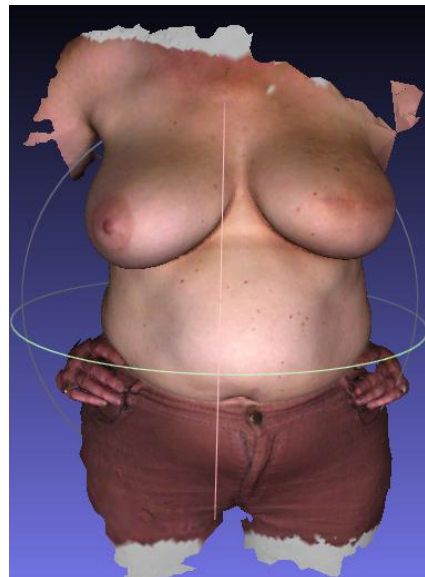
LUMC
• Cornelis JH van de Velde
• Gerrit Jan Liefers
• L.U.M. Corion
• Barbara Molenkamp

KCL
• Ralf Sinkus

Philips
• Jörg Sabczynski
• Thomas Bülow
• Kirsten Meetz
• Stewart Young
• Hans Barschdorf
• Dominik Kutra

UCL
CMIC
• Dave Hawkes
• John Hipwell
• Vasileios Vavourakis
• Danail Stoyanov
• Björn Eiben
• René Lacher

Royal Free Hospital
• Mohammed Keshtgar
• Norman Williams
• Afshin Mosahebi
• Alex Clarke



Research



Integration of Research Results in a Breast Cancer Unit: Improving Clinical Outcomes and Quality of Life, *Maria João Cardoso*

The screenshot shows a PubMed search results page. The search query is 'champalimaud, breast'. The results are displayed in a list format, showing the first three results. The first result is 'Optimisation of the continuum of supportive and palliative care for patients with breast cancer in low-income and middle-income countries: executive summary of the Breast Health Global Initiative, 2014.' by Distelhorst SR, Cleary JF, Ganz PA, Bese N, Camacho-Rodriguez R, Cardoso F, Ddunga H, Gralow JR, Yip CH, Anderson BO; on behalf of the Breast Health Global Initiative Global Summit on Supportive Care; Quality of Life Consensus Panel Members. The second result is 'Guidelines for time-to-event end point definitions in breast cancer trials: results of the DATECAN initiative (Definition for the Assessment of Time-to-event Endpoints in CANcer trials)' by Gourgou-Bourgade S, Cameron D, Poortmans P, Asselain B, Azria D, Cardoso F, A'Hern R, Bliss J, Bogaerts J, Bonnefoi H, Brain E, Cardoso MJ, Chibaude B, Coleman R, Cufer T, Dal Lago L, Dalenc F, De Azambuja E, Debled M, Delaloge S, Filleron T, Gligorov J, Gutowski M, Jacot W, Kirkove C, MacGrogan G, Michiels S, Negreiros I, Offersen BV, Penault Llorca F, Pruneri G, Roche H, Russell NS, Schmitt F, Servent V, Thürlimann B, Untch M, van der Hage JA, van Tienhoven G, Wildiers H, Yarnold J, Bonnetain F, Mathoulin-Pélissier S, Bellera C, Dabakuyo-Yonli TS. The third result is 'Management of locally advanced breast cancer-perspectives and future directions.' by Tryfonidis K, Senkus E, Cardoso MJ, Cardoso F. The page also includes filters on the left for article types, text availability, publication dates, and species. On the right, there are sections for 'New feature', '1 free full-text article in PubMed Central', 'Find related data', and 'Search details'.

Article types: Review, Customize ...

Text availability: Abstract, Free full text, Full text

Publication dates: 5 years, 10 years, Custom range...

Species: Humans

Clear all

Show additional filters

Summary 20 per page Sort by Most Recent

Results: 1 to 20 of 26

1. [Optimisation of the continuum of supportive and palliative care for patients with breast cancer in low-income and middle-income countries: executive summary of the Breast Health Global Initiative, 2014.](#)

Distelhorst SR, Cleary JF, Ganz PA, Bese N, Camacho-Rodriguez R, Cardoso F, Ddunga H, Gralow JR, Yip CH, Anderson BO; on behalf of the Breast Health Global Initiative Global Summit on Supportive Care; Quality of Life Consensus Panel Members. Lancet Oncol. 2015 Mar;16(3):e137-e147. doi: 10.1016/S1470-2045(14)70457-7. Review. PMID: 25752564 [Related citations](#)

2. [Guidelines for time-to-event end point definitions in breast cancer trials: results of the DATECAN initiative \(Definition for the Assessment of Time-to-event Endpoints in CANcer trials\)†.](#)

Gourgou-Bourgade S, Cameron D, Poortmans P, Asselain B, Azria D, Cardoso F, A'Hern R, Bliss J, Bogaerts J, Bonnefoi H, Brain E, Cardoso MJ, Chibaude B, Coleman R, Cufer T, Dal Lago L, Dalenc F, De Azambuja E, Debled M, Delaloge S, Filleron T, Gligorov J, Gutowski M, Jacot W, Kirkove C, MacGrogan G, Michiels S, Negreiros I, Offersen BV, Penault Llorca F, Pruneri G, Roche H, Russell NS, Schmitt F, Servent V, Thürlimann B, Untch M, van der Hage JA, van Tienhoven G, Wildiers H, Yarnold J, Bonnetain F, Mathoulin-Pélissier S, Bellera C, Dabakuyo-Yonli TS. Ann Oncol. 2015 Feb 27. pii: mdv106. [Epub ahead of print] Review. PMID: 25725046 [Related citations](#)

3. [Management of locally advanced breast cancer-perspectives and future directions.](#)

Tryfonidis K, Senkus E, Cardoso MJ, Cardoso F. Nat Rev Clin Oncol. 2015 Mar;12(3):147-162. doi: 10.1038/nrclinonc.2015.13. Epub 2015 Feb 10. Review.

Filters: Manage Filters

New feature: Try the new Display Settings option - Sort by Relevance

1 free full-text article in PubMed Central: ESO-ESMO 2nd international consensus guidelines for advanced breast [Ann Oncol. 2014]

Find related data: Database: Select Find items

Search details: champalimaud[All Fields] AND ("breast"[MeSH Terms] OR "breast"[All Fields]) Search See more...

Dissemination



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search...

European School of Oncology Learning to care

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From: 17/10/2014 to: 18/10/2014 [Refresher Course on Breast Cancer, Cluj-Napoca, Romania](#) From: 04/11/2014

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From: 27/10/2014 to: 29/10/2014 [ESO-SEMM Master in Ethical Counseling II](#)

CHAMPALIMAUD CLINICAL CENTRE (CCL)
Lisbon, Portugal

Person responsible for CTC programme: **Fatima Cardoso**

Hospital overview:

The [Champalimaud Clinical Centre \(CCC\)](#) is a state-of-the-art centre for science, medicine and technology, belonging to the Champalimaud Foundation. The CCC hosts a clinical facility for integrated treatment of oncologic and neuropsychiatric diseases, translational research activities and advanced programmes of medical education. The CCC is fully equipped to offer the latest technological methods for the diagnosis and treatment of cancer of the breast.

Teaching



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Mama Help
CENTRO DE APOIO A DOENTES COM CANCRO DA MAMA
Vai ver que faz sentido

sessões de esclarecimento
SESSÕES PASSADAS NO MAMA HELP LISBOA
Próxima sessão: Nutrição e Cancro da Mama

Pesquisar
Pesquisar...
Pesquisar

galeria de fotos

3º Aniversário Mama Help

Support and Empowerment



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As sessões são abertas e gratuitas, mas a inscrição é aconselhada dada a capacidade limitada da sala.



SEXUALIDADE E CANCRO DA MAMA: COMO GERIR AS MUDANÇAS.

A adaptação às alterações físicas e psicológicas consequentes aos tratamentos.
15 de Janeiro às 18h30m - Luzia Travado, Psico-oncologista; Pedro Nobre, Sexólogo



HORMONOTERAPIA – COMO, QUANDO E PORQUÊ?

Entender as diferenças de tratamento e efeitos laterais aos tratamentos hormonais.
12 de Fevereiro às 18h30m - Fátima Cardoso, Oncologista



RECONSTRUÇÃO MAMÁRIA – SEMPRE?

Quando fazer ou não fazer. Que técnicas. Soluções diferentes para pessoas diferentes.
26 de Março às 18h30m - Maria João Cardoso, Carlos Mavioso, João Anacleto, Pedro Gouveia, David Pinto, Equipa Cirúrgica



QUANDO O MEU FAMILIAR TEM CANCRO – O QUE FAZER?

Como os familiares e amigos lidam com a doença. Como ajudar?
30 de Abril às 18h30m - Luzia Travado, Psico-Oncologia; Alexandra Belchior, Enfermeira; Susana Pedro, Enfermeira

Local: Biblioteca da Fundação Champalimaud
Av. de Brasília, s/n, Lisboa

Contactos para a inscrição nas sessões:
(Sofia Bragança)

E-mail: sofia.braganca@fundacaochampalimaud.pt

Telef.: 210 480 004



Depois do êxito do ano passado, este ano vamos voltar a ter, no **MAMA HELP**, antes do Natal, quatro novas sessões de esclarecimento dedicadas ao cancro da mama.

Como sempre, estas sessões são destinadas a quem teve ou tem cancro de mama, ou que nunca teve, mas quer estar informado. E claro, como de costume, estão convidados, também, os familiares e amigos.

Assim, nestas quatro sessões, que decorrerão no **MAMA HELP Porto**, nos próximos dias **2, 4, 9 e 11 de Dezembro**, das 12:30 às 14:00 convidámos especialistas, da Fundação Champalimaud-Lisboa e do Mama Help-Porto, para ajudarem a esclarecer dúvidas sobre o CANCRO DA MAMA.

Informalmente, e de forma gratuita, enquanto servimos um brunch.

N.B. O acesso é livre mas a inscrição prévia é obrigatória, e a sua aceitação condicionada ao espaço disponível.

Brunches and Breast em Dezembro

2 DEZEMBRO

"Sexualidade e Cancro Mama – Para além das hormonas"

A perspectiva da oncologista

ANA CATARINA PINTO - Oncologista Médica, Unidade de Mama, Fundação Champalimaud, Lisboa

4 DEZEMBRO

"O que faz e o que não faz mal – produtos naturais e fármacos convencionais"

As interações entre os produtos usados na naturopatia e os fármacos utilizados no tratamento do cancro da mama
ANDRÉ DOURADO - Naturopata, Mama Help, Porto

9 DEZEMBRO

"Internet e Cancro da Mama"

Sessão "hands-on"- Venha navegar connosco! Sites bons e sites maus. Informe-se com segurança.
MARIA JOÃO CARDOSO - Cirurgiã, Ordem da Trindade, Porto, e Fundação Champalimaud, Lisboa.

11 DEZEMBRO

"Acupunctura e Cancro da Mama"

Venha conhecer os benefícios da acupunctura durante e após os tratamentos de Cancro da Mama.
CLÁUDIA SOUSA - Mestre em Medicina Tradicional Chinesa, Mama Help, Porto

Support and Empowerment



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Support and Empowerment



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CENTRO DE APOIO
A DOENTES COM
CANCRO DA MAMA
Mama Help



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Support and Empowerment



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Support and Empowerment



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Results

- ☐ **Data registration – Breast Care**
- ☐ **Auditing**
- ☐ **Dissemination**
- ☐ **Evaluation of QOL**



MAP Breast 2015

MAP Breast (Multidisciplinary Advances in Personalised Breast Cancer Surgery) focusses on computer-supported methods to solve clinical problems of soft-tissue surgery through image analysis and biophysical or statistical modelling with an emphasis on applications in breast surgery and breast reconstruction. The Summer School objective is to bring together researchers in an early stage of their career with well-known experts in their field. We will cover topics from multiple disciplines, including computer science, mathematics, radiology, and surgery. We strive to make the event an opportunity for interdisciplinary scientific exchange and mutual learning, connecting *experts* in the field and students of all specialties and experience.

The **MAP Breast Summer School** will be held on July 13 - July 17 2015 at [INESC TEC](#), Porto, Portugal, providing ample opportunity for recreational activities to accompany the intense learning program.

MAP Breast is a joint Summer School organized by EU-Projects [PICTURE](#) (Patient Information Combined for the Assessment of Specific Surgical Outcomes in Breast Cancer) and [VPH-PRISM](#) (Personalised Predictive Breast Cancer Therapy Through Integrated Tissue Micro-Structure Modeling).

Participants will have the opportunity to present their research work during the [Students Presentation Sessions](#). It will be a great opportunity to discuss their current research works, possibly leading to significant breakthroughs for new developments of their theses.

Target Audience

The Summer School addresses PhD researchers of the relevant disciplines, as well as researchers interested in or entering the field.

- Computer scientists with an interest in image processing, modelling, surgery support.
- Engineers
- Mathematicians
- Trainees and doctors in radiology, general surgery, breast surgery, plastic surgery

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[PICTURE](#)

[VPH-PRISM](#)



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Bridging the Gap **A B C 3**

Advanced Breast Cancer
5-7 November 2015 • Lisbon, Portugal
Third International Consensus Conference

Chairs:
F. Cardoso, PT • L. Norton, US • E.P. Winer, US • A. Costa, IT/CH

The ABC3 guidelines will be developed by ESO and ESMO
The ABC3 conference and guidelines are endorsed by
The ABC3 conference is held with support from
and under the auspices of

partner journal **THE BREAST**
dedicated media partner **cancerworld**

RECEIVE UPDATES AT:
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Tweet, network and follow updates using #ABClisbon on Twitter and Facebook and join in the discussions leading up to ABC3 via our blog <http://thecancerblog.net>



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