



Predicting Effective Adaptation to Breast Cancer to Help Women to BOUNCE Back

Third Dissemination Virtual Meeting

From resilience predictive model to decision making in breast cancer patients

Organizer: European Institute of Oncology, Milan, Italy

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<https://attendee.gotowebinar.com/register/3089533524613077264>

Wednesday, September 23, 2020

10:00;17:00 CEST

On 23rd of September 2020, the European Institute of Oncology (Milan) will present the third dissemination virtual event of the European Project *BOUNCE: Predicting Effective Adaptation to Breast Cancer to Help Women to BOUNCE Back*.

Italy, Finland, Israel, Greece and Portugal have been cooperating for 3 years to develop a dynamic, predictive model able to help health care professionals in the medical decision-making process. The model will provide concrete and personalized recommendations regarding patients' abilities to cope with cancer and contributes to the identification of the best psychosocial support strategies.

In recent years, the scientific literature has been studying the capability to mobilize and use internal and external resources over time in the face of adversity in order to maintain or promote wellbeing. This complex process of successful adaptation to breast cancer and the related stressors has been defined as person's resilience.

The BOUNCE project has actively contributed to the identification of factors and processes that may predict along the care pathway the patients' resilience and their wellbeing. The collection of biomedical, psychological and functional data will provide information on which combination of factors undermine the adjustment to cancer, allowing an early identification of women at risk.

During the third dissemination annual meeting, the Bounce Consortium will present the advancement in the construction of the predictive model and discuss on its utility and future implementation within medical decision-making processes.

All this will occur within the scientific frame of personalized and precision medicine, where biological, psychological and social factors need to start a conversation with the help of mathematical algorithms.

The aim of the event will be to increase the visibility of Bounce predictive model and to generate interest on and discussion with different stakeholders on its utility and future implementation within medical decision making processes.

Free registration to the following link:

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PROGRAM

10:00-10:15 Welcome words & short introduction

Prof. Ketti Mazzocco, *European Institute of Oncology - University of Milan, Italy*

10:15-10:40 Real World Data in Personalized Oncology

Prof. Pier Giuseppe Pelicci

Scientific Co-Director of the European Institute of Oncology, Italy.

Director of the Molecular mechanisms of cancer and aging Unit

Scientific Director of the European School of Molecular Medicine

10:40-11:00 The importance of psychology in oncological decisions

Prof. Gabriella Pravettoni

Director of the Department of Oncology and Hemato-Oncology, University of Milan, Italy

Director of the Applied Research Division on Cognitive and Psychological Science, European Institute of Oncology

A new integrated concept of resilience (moderator: Dr. Paula Poikonen-Saksela)

11:00-11:20 Resilience: From Definition to Practice (prof. Ruth Pat-Horenczyk, Shlomit Perry, Rawan Dahabre & Gabi Bentley, *Hebrew University of Jerusalem, Israel*)

11:20-11:50 The clinical study and testing pilot (Dr. Paula Poikonen-Saksela, *Helsinki University Hospital, Finland*)

11:50-12:10 Artificial Intelligence based in silico analysis of psychological, mental, functional and quality of life aspects in the breast cancer case (prof. Georgios Stamatakis, *Institute of Communications and Computer Systems, Greece*)

12:10-12:30 Discussion

12:30-14:00 Lunch break

From predictive models to decisions (moderator: Prof. Ruth Pat-Horenczyk)

14:00-14:20 The use of a web-based platform to predict resilience: From data Processing to Resilience Score: a demo of the Bounce platform (Kostas Perakis, *SingularLogic, Greece*)

14:20-14:40 Positive Personality Traits as Predictors of Depressive Symptoms in Women with Breast Cancer: Using BOUNCE M0 and M3 Data (prof. Akis Simos, *Foundation for Research and Technology – Hellas, Greece*)

14:40-15:00 How predictive models can support decisions (Raquela Lemos & Diana Frasilho, *Chamalimaud Foundation, Portugal*)

15:00-15:20 Discussion

The implementation in clinical practice (Moderator: Virginia Sanchini)

15:20-15:40 The patients' perspective

15:40-16:00 The Oncologist's perspective (dr. Berta Sousa, *Chamalimaud Foundation, Portugal*)

16:00-16:20 When and how a predictive model can be optimally implemented in the clinical care - The Institutions' perspective (Riikka-Leena Leskelä, *Nordic Healthcare Group, Finland*)

16:20-16:40 Discussion

16:40-17:00 Conclusions and Remarks