

The rhythm of science in the heart of the country: fourteen years of the Brazilian Breast Cancer Symposium

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From May 15 to 17, 2025, the city of Brasília, Brazil's federal capital, hosted the 14th edition of the Brazilian Breast Cancer Symposium (BBCS)¹, the main event in Latin America dedicated to research and multidisciplinary debate on breast cancer. The edition was attended by approximately 800 professionals, including doctors, researchers, scientists, students, and other members of the health sector, reaffirming its relevance in the dissemination of scientific knowledge produced in the country (<https://2025.bbcs.org.br/>).

Brasília, known for its modernist architecture and its planning focused on integration and dialogue between the different political spheres and regions of Brazil^{2,3}, was the perfect venue for an event whose essence lies in the exchange of knowledge. Over the course of the three days, highly relevant topics were

discussed in depth, ranging from advances in diagnostic and therapeutic methods to public health strategies and comprehensive patient care.

From a scientific perspective, the contribution of research groups from different regions of the country demonstrated that, despite the structural challenges that still exist, Brazilian science remains dynamic and innovative. The evaluation of the submitted papers was carried out by an independent committee composed of more than 20 professors with doctoral degrees, using objective and previously published criteria^{4,5}. This procedure is reflected in the high quality of the abstracts presented and in the significant publication rate of the papers^{6,7}. In addition, the BBCS publicly recognizes the best papers in several evaluation categories, as illustrated in Table 1.

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Table 1. Awards of the Brazilian Breast Cancer Symposium and scientific papers recognized in 2025, by category.

Award Category	Prizes	Award-Winning Scientific Paper in 2025
The best paper in oral presentation	Ticket, registration and hosting for the San Antonio Breast Cancer Symposium	Breast surgery for metastatic breast cancer: an update of Cochrane systematic review
The best paper in tracking	R\$ 2.000,00	The role of liquid biopsy in breast cancer screening and monitoring: a systematic review of literature
The best paper in basic and translational research	R\$ 2.000,00	Innovative platform for chemoresistance: advancing functional precision medicine in breast cancer
The best paper in systemic treatment	R\$ 5.000,00	Updated meta-analysis of randomized trials: pathological complete response (pCR) as a prognostic marker for survival in breast cancer treated with neoadjuvant chemotherapy
The best paper in imaging	Registration for the <i>Jornada Paulista de Mastologia 2025</i>	Accuracy of multidetector computed tomography (MDCT) with a dedicated protocol in the locoregional staging of breast cancer
The best paper in epidemiology	Ticket, registration and hosting for the <i>Jornada Paulista de Mastologia 2025</i>	Breast cancer screening indicators in users of the Brazilian Unified Health System (SUS) after the implementation of the Itaberaí Project
The best paper in locoregional treatment	R\$ 5.000,00	Omission of axillary surgery in early breast cancer with negative lymph nodes: a systematic review and metanalysis of randomized clinical trials
Unicentro Brazilian award	R\$ 5.000,00	CDK4/6 inhibitor plus endocrine therapy after progression on CDK4/6 inhibition in HR+/HER2- advanced breast cancer: a systematic review and meta-analysis (ReIGNITE study)

The event also served as an occasion for reaffirming and renewing institutional and professional objectives, particularly within a global context characterized by political tensions, economic instability, and persistent disparities in access to advanced technologies and therapeutic options. The ethical and scientific commitments of healthcare professionals engaged in the fight against breast cancer assume an even greater significance under these circumstances. The challenges extend beyond the clinical and laboratory domains, exerting influence on public policy development, multidisciplinary care frameworks, and, above all, on the dignity and quality of life of affected patients. In this regard, the 8th edition of the Patient, Survivorship, and Advocacy Forum distinguished itself by amplifying the voices of women living with breast cancer, thereby promoting their central role in shaping discussions and policies related to the disease.

In this edition of Mastology, we include a complete compilation of all abstracts that were approved and presented at the 2025 Brazilian Breast Cancer Symposium. This collection provides a comprehensive overview of the current scientific contributions, highlighting the latest research developments and multidisciplinary efforts within the field of breast cancer.

As we conclude this edition of the BBCS, we carry with us not only data, graphs, and technological advancements but also a symbolic reminder that we are in the heart of the country—the center of life, rhythm, and hope. May Brasília continue to symbolize the importance of a science rooted in social responsibility and the diversity of knowledge.

Let us move forward with determination, guided by science and supported by empathy, toward a future of greater prevention, equitable access to interventions, and, above all, the hope for a cure.

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