

# 3<sup>rd</sup> International conference on **WOMEN ONCOLOGY AND WOMEN'S HEALTH**

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## **Breast cancer screening: Who should we screen, when should we screen, and with what modalities**

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### **Abstract**

Breast cancer is the commonest cancer and cause of cancer in women globally. In addition to breast cancer being a deeply personal and all-too common disease, it is the leading cause of cancer mortality despite advances in screening tools and treatment. Therefore, population screening and preventative measures for early detection, which could reduce morbidity and mortality, are needed. Imaging, in addition to clinical breast exam, is an integral part of breast cancer screening and detection. Standard guidelines recommend standard 2D/3D mammography for all women, with adjunct breast ultrasound for women with dense breasts. However, there is increasing data to suggest that MRI could be a valuable adjunct for the screening of women at increased risk for developing breast cancer. This talk will provide an overview of breast imaging and screening guidelines, with the aim to educate and raise awareness in both our medical, and in turn, our general community.

### **Biography**

Dr. Dana Haddad is an American Board Certified consultant breast radiologist with subspecialty training in oncologic and breast imaging from Memorial Sloan-Kettering Cancer Center in New York. Dr. Haddad is proficient in all facets of breast imaging including mammography, ultrasound, MRI, and tomography, in addition to procedures guided by these modalities. She completed a PhD in the field of cancer imaging and therapy. Dr. Haddad's research focused on the engineering of recombinant vaccinia viruses that not only target cancer but also enable noninvasive imaging. More recently, she has been focused on improving value-based imaging with the aim of enhancing the impact of breast screening, especially for high risk populations. Her research has been published in several peer-reviewed journals and presented during multiple national and international conferences. Dr. Haddad has completed courses in the business side of radiology through the Radiology Leadership Institute, affiliated with Harvard Business School. She serves as a peer reviewer for multiple leading international scientific journals and on several radiologic committees including the Society of Breast Imaging and Radiological Society of North America.

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