

## 2<sup>nd</sup> World Congress on **Breast Cancer**

September 19-21, 2016 Phoenix, USA

### Breast cancer: Small tumors and large axillary lymph nodes-A report of two cases

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According to the International stage system (TNM) in Breast Cancer, there is a direct relationship between tumor size and axillary lymph node status since T1 tumors (usually diagnosed in screening campaigns) are infrequently associated with axillary lymph node metastases and the selective sentinel node biopsy is commonly indicated. On the other hand, and due to the utilization of genetic platforms, now is known that approximately 32% of the small tumors detected in screening campaigns present a “high risk” profile. May be observed cases in which, at the time of diagnosis, predominate the metastatic axillary lymph node components over the tumor size. We present two cases in 47 and 70-year-old patients respectively, with prominent axillary disease and clinically occult “small” tumors (T1), along with their molecular/genetic profile. In both cases, the molecular/genetic profile was “aggressive” or “high risk”, which reinforces both the “genomic paradigm” for the spread of breast cancer and call into question the TNM system validity at the time of planning a therapy and establishing a prognosis.

#### Biography

He was Born in 1956, in Barakaldo-Bizkaia (Basque Country), SPAIN. Doctor in Medicine, Basque Country University. Radiologist. Accredited university Professor in Health Sciences, Basque Country University. Founding member and past President of the “Spanish Society of Breast Imaging” (SEDIM). Founding member of the “European Society of Breast Imaging” (EUSOBI). Founding member and Past-Vicepresident of the “Iberoamerican Society of Breast Imaging” (SIBIM). Founding member and President of the “Basque Society of Breast Diseases”. Author of numerous articles and book chapters about breast diseases.

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