

5<sup>th</sup> World Congress on

# BREAST CANCER

June 15-17, 2017 London, UK

## Assessment of breast cancer occurrence among females at King Abdul Aziz Hospital, Al-Ahsa: A retrospective study from 2007-2014

Hassan E., Hassanein, S., Mostafa, H., Alnaim, K and Dossari, N  
Cairo University, Egypt

Breast cancer (BC) is the most common cancer among Saudi women, with an overall estimate of 26.6 cases per 100,000 in 2007, as reported by the WHO from 2012 to 2016. The study aimed to assess Breast Cancer occurrence among female patients in King Abdul Aziz Hospital - Al Ahsa eastern region. A retrospective cross-sectional descriptive design was utilized. The average age at the diagnosis was  $51.9 \pm 14.4$ , and ranged 40-60. BMI average was  $31.1 \pm 07.6$ . The most common comorbidities were diabetes, hypertension and heart disease (49.1%; 48.2% and 18.9%) respectively. Most BC cases were diagnosed with infiltrating ductal carcinoma (79.3%), Half of the cases had tumor size of 2-5cm (T2) and 39.4% with grade III. In 2007, most of the cases (80%) were positive (HER2) but it decreased to 27.3% in 2014. The common manifestation among cases was a mass in the breast (lump), pain and lymph node involvement. The first line of treatment that is used for those patients included mastectomy (79.6%), chemotherapy (67.9%), radiation (34.0%) and hormonal (15%). In conclusion, BC is still diagnosed in women younger than 50 years old than other developing country. Most of them had infiltrating ductal carcinoma and more than one third of cases has grade III. The most common comorbidities associated with BC were diabetes, hypertension and heart disease. BC awareness campaigns and resources are needed to early detect and screen BC cases to decrease the mortality and increasing the survival rate and to meet the future increase in BC.

### Biography

Eman M.G. Hassan has completed her PhD from Faculty of Nursing (FON), Cairo University, Egypt in 2010. She has been working currently as assistant professor in College of Nursing, Al. Ahsa (CON-A), King Saud bin Abdul Aziz University for Health Sciences (KSAU-A), KSA since 2010. She was a chairperson of quality unit in CON-A for last 2 years

emagaber@yahoo.com

### Notes: