

MEETING ABSTRACT

Open Access

A case of late breast cancer metastases to both suprarenal glands 28 years after mastectomy

T Banasiewicz^{1*}, Ł Krokowicz¹, M Biczysko¹, M Janicka-Jedyńska², A Pławski³, J Paszkowski¹, P Groniek⁴, B Stawny¹, M Drews¹

From Annual Conference on Hereditary Cancers 2011
Szczecin, Poland. 17-18 November 2011

We present an extremely rare case of late metastases of breast cancer to both suprarenal glands 28 years after mastectomy. The patient originally underwent Patey's radical mastectomy of the left breast. In the follow-up, metastases were detected in the skin of the thorax and labia majora and were subsequently resected. During the most recent hospitalization metastases to both adrenal glands were detected (PET-CT, MRI) and removed. In genetic examination the entire coding sequences of BRCA1 and BRCA2 gene were screened for mutation by direct PCR product sequencing as described before by Gorski *et al.* No BRCA1 and BRCA2 gene mutations were found.

Histological examination revealed breast cancer metastasis to the adrenal glands. In our opinion our case can be the latest described metastases of breast cancer. The described case was an early stage of primary cancer (T1N0M0). Patients after breast cancer resection should still be followed up for late metastases. Late metastases including atypical sites should always be suspected regardless of time from initial presentation. The correlations between mutation and metastases of breast cancer needs to be discussed.

Author details

¹Department of General, Gastroenterological and Endocrinological Surgery, Poznan University of Medical Sciences, Poland. ²Department of Clinical Pathology, Poznan University of Medical Sciences, Poland. ³Institute of Human Genetics, Polish Academy of Sciences Poznan, Poland. ⁴Department of Physiology, University School of Physical Education, Poznan, Poland.

Published: 20 April 2012

* Correspondence: tbanasiewicz@op.pl

¹Department of General, Gastroenterological and Endocrinological Surgery, Poznan University of Medical Sciences, Poland
Full list of author information is available at the end of the article

doi:10.1186/1897-4287-10-S3-A1

Cite this article as: Banasiewicz *et al.*: A case of late breast cancer metastases to both suprarenal glands 28 years after mastectomy. *Hereditary Cancer in Clinical Practice* 2012 **10**(Suppl 3):A1.

Submit your next manuscript to BioMed Central
and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit

