Title: Thirty percent of ductal carcinoma in situ of the breast in Japan is extremely low-grade ER(+)/HER2(-) type without comedo necrosis

Authors:

Version: 1
Date: 13 February 2015

Comments:
2015/2/13
Editor-in-Chief
BMC Cancer
Dear Sir:
Enclosed please find a manuscript entitled “Thirty percent of ductal carcinoma in situ of the breast in Japan is extremely low-grade ER(+)/HER2(-) type without comedo necrosis”, which we wish to submit for publication in “BMC Cancer”.

In this work, we described the followings.
Our investigation of the grade of DCIS by using the Ki67 index as an indicator elucidated that the ER(+)/HER2(-) type is significantly lower in its degree of malignancy compared with the other types of DCIS. Within that type, cases without comedo necrosis showed significantly lower malignancy than cases with comedo necrosis, and it was considered to be the least malignant form of DCIS.
Our decision tree model for predicting low-grade DCIS based on the imaging findings we identified as characteristic of it showed 81.2% specificity. Further research is needed in order to reduce the harm caused by overdiagnosis of low-grade DCIS in breast cancer screening.

This manuscript is not under consideration for publication by any other journal. Each of the authors of this study agrees to the submission of this paper for possible publication, and the authors declare that they have no competing interests. The Ethics Committee of the authors' institution has approved this study.

Your kind consideration of our paper would be greatly appreciated.

Yours faithfully,
Mitsunori Sasa, MD

<p.s.>
All correspondence concerning this paper should be addressed to: Mitsunori Sasa, MD
Department of Surgery, Tokushima Beast Care Clinic,
4-4-7, Nakashimada-cho, Tokushima, Japan, 770-0052
Email: breast@mb.tcn.ne.jp tel:+81-88-633-8484 fax:+81-88-633-8485