

## Complete pathological remission in a patient with hormone-receptor positive and c-erbB-2 expression-negative breast cancer treated with FAC chemotherapy during pregnancy

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### ABSTRACT

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We describe the case of a pregnant woman diagnosed with breast cancer at 26 weeks' gestation. The tumor was positive for estrogen and progesterone receptors and negative for overexpression of c-erbB-2 protein. Neoadjuvant FAC (fluorouracil, adriamycin, cytoxan) chemotherapy was started at 29 weeks' gestation. At 37 weeks, delivery was induced and the patient gave birth to a healthy female baby weighing 2350 g, after which she was given a further cycle of chemotherapy and weekly paclitaxel. Clinical and radiological remission was achieved. Resection of the breast tissue showed complete pathological response and negative lymph nodes. This case illustrates how the integrated work of different specialists can obtain excellent oncological and obstetrical results in the care of pregnant women with breast cancer. Free full text available at [www.tumorionline.it](http://www.tumorionline.it)

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**Key words:** breast cancer, estrogen receptors, FAC chemotherapy, paclitaxel, pregnancy.

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