

# DCIS BREAST CASE STUDY

PATIENT	44 Year-Old Female Patient	
TUMOR SIZE (cm)	0.4	
MENOPAUSAL STATUS	Pre-Menopausal	
ER STATUS (IHC)	ER positive	
MULTIFOCAL	Yes	
MARGIN WIDTH (mm)	4	
NUCLEAR GRADE	3	
COMEDO NECROSIS	Present	
GENERAL HEALTH	N/A	
OTHER INFORMATION	N/A	
SUBMITTED BY	Charles Leonard, MD, Rocky Mountain Cancer Centers, Littleton, CO	



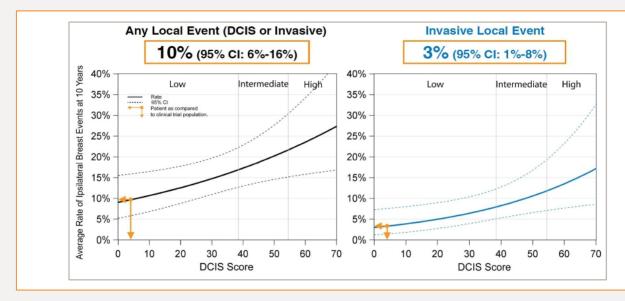




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### QUANTITATIVE HORMONE RECEPTOR

The Clinical Validation study¹ included female patients with DCIS treated with local excision without irradiation, and required clear surgical margins ≥3 mm and a lesion size of ≤2.5 cm. Approximately a third of patients were treated with tamoxifen. The average 10 year rate for ipsilateral breast events for patients who had a DCIS Score of 4 was:



TREATMENT GIVEN

N/A





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#### **CLINICAL INFORMATION**

The Oncotype DX test uses RT-PCR to determine the RNA expression of the genes below. These results may differ from ER or PR results reported using other methods or reported by other laboratories.





N/A



NEGATIVE < 5.5		POSITIVE ≥ 5.5
<3.2	5.5	≥ 10.0

N/A

#### References

- 1. Solin et al. J Natl Cancer Inst. 2013.
- 2. ER Score based on quantitative ESR1 expression (estrogen receptor); PR Score based on quantitative PGR expression (progesterone receptor).
- 3. Badve et al. J Clin Oncol. 2008. May 20;25(15):2473-81
- 4. Paik et al. ASCO 2005.



