

# 46 Year-Old with 1.1 cm, Grade 1 tumour

Maria Gross-Perdekamp | Urbana, IL, USA

Recurrence  
Score<sup>®</sup> Result

12

Age	46	PR Status (IHC)	Positive
Menopausal Status	N/A	HER2/NEU Status	Negative
Tumor Type	Ductal	Ki-67 Status	N/A
Tumor Size (cm)	1.1	Histologic Grade	1
ER Status (IHC)	Positive	Lymph Node Status	Negative
General Health	Good		
Treatment Given	Radiation and hormonal therapy		

**Disclaimer:** These case studies are brought to you for educational purposes only and should not be interpreted as an endorsement of Exact Sciences or its services by the submitting physician. The information reflects the interpretive diagnostic opinions of the treating physicians and is not intended to represent a standard of care. The case studies describe real-life cases of patients who have been prescribed the Oncotype DX<sup>®</sup> test. They are not necessarily representative of all tested patients, and the result in any given case will vary. The examples are not necessarily representative of all of those who will use our clinical tests. Exact Sciences does not endorse any of the contributors featured on this site and takes no view as to the treatment decisions reported in these cases.

# 46 Year-Old with 1.1 cm, Grade 1 tumour

Recurrence Score<sup>®</sup> Result



Lymph Node Status



<p>Recurrence Score<sup>®</sup> (RS) Result</p> <hr/> <p style="text-align: center; font-size: 2em;">12</p>	<p>Distant Recurrence Risk at 9 Years</p> <hr/> <p>With AI or TAM Alone</p> <p style="text-align: center; font-size: 2em;">3%</p> <p style="text-align: center;">95% CI (3%, 4%)</p> <p>TAILORx</p>	<p>Group Average Absolute Chemotherapy (CT) Benefit*</p> <hr/> <p>RS 11-25 All Ages</p> <p style="text-align: center; font-size: 2em;">&lt;1%</p> <p style="text-align: center;">95% CI (-1%, 2%)</p> <p>TAILORx</p>
<p><small>Decision on individual treatment especially around the RS 25 cutoff may consider other clinical factors.</small></p>	<p><small>AI = Aromatase Inhibitor / TAM = Tamoxifen CI = Confidence Intervals</small></p>	<p><small>*For estimated CT benefit for individual RS results, see page 2.</small></p>

**Exploratory Subgroup Analysis** for TAILORx and NSABP B-20 indicate that Recurrence Score<sup>®</sup> and age are the strongest predictors of chemotherapy benefit<sup>1</sup>. The absolute reduction of distant recurrence from chemotherapy for patients >50 years and ≤50 years is shown here for RS groups: 11-15, 16-20, and 21-25 from TAILORx, and 0-10 and 26-100 from NSABP B-20<sup>2</sup>.

Age	RS 0-10	RS 11-15	RS 16-20	RS 21-25	RS 26-100
>50 years	No CT Benefit (<1%)				>15% CT Benefit
≤50 years	No CT Benefit (<1%)	~1.6% CT Benefit	~6.5% CT Benefit	>15% CT Benefit	

# 46 Year-Old with 1.1 cm, Grade 1 tumour

Recurrence  
Score<sup>®</sup> Result

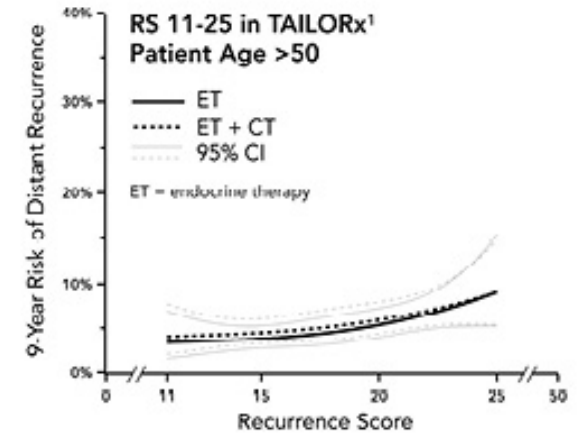
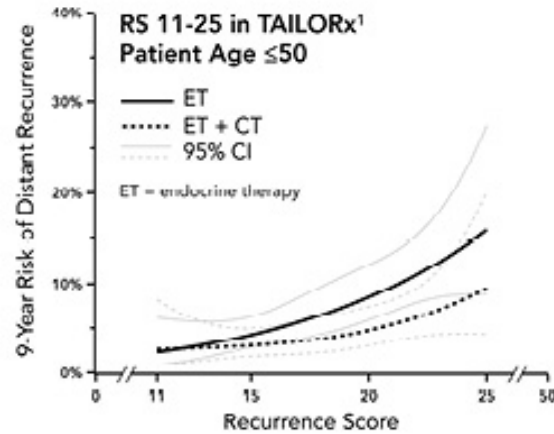
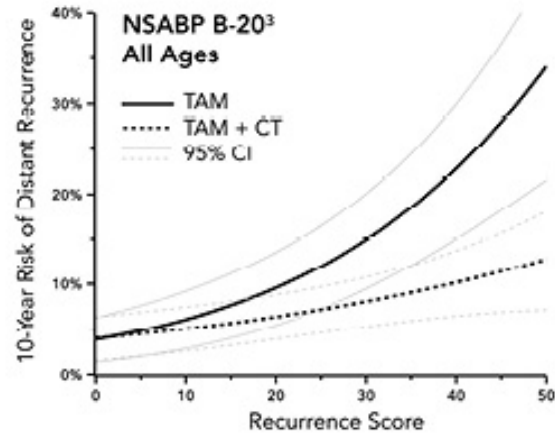
12

Lymph Node  
Status

Negative

## Estimated Chemotherapy Benefit for Individual Recurrence Score Results

Recurrence Score ranges shown reflect randomized patients in NSABP B-20 and TAILORx.



## References

1. Sparano et al. N Engl J Med. 2018.; ECOG and Genomic Health (data on file).
2. Paik et al. J Clin Oncol. 2006.; Sparano and Paik J Clin Oncol. 2008.