

64 Year-Old with 1.5 cm, Grade 3 tumour

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Recurrence Score[®] Result

41

Age	64	PR Status (IHC)	N/A
Menopausal Status	Post-Menopausal	HER2/NEU Status	IHC 2+ & ISH- (negative)
Tumor Type	Ductal	Ki-67 Status	N/A
Tumor Size (cm)	1.5	Histologic Grade	3
ER Status (IHC)	N/A	Lymph Node Status	Negative
General Health	ECOG 0; compensated hypothyroidism		
Treatment Given	Chemotherapy (4.c AC) followed by hormonotherapy		

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[®] 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.

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Recurrence Score[®] Result



Lymph Node Status



<p>Recurrence Score[®] (RS) Result</p> <hr/> <p style="font-size: 2em; text-align: center;">41</p>	<p>Distant Recurrence Risk at 9 Years</p> <hr/> <p>With TAM Alone</p> <p style="font-size: 2em; text-align: center;">29%</p> <p style="text-align: center;">95% CI (22%, 37%)</p> <p>NSABP B-14</p>	<p>Group Average Absolute Chemotherapy (CT) Benefit*</p> <hr/> <p>RS 26-100 All Ages</p> <p style="font-size: 2em; text-align: center;">>15%</p> <p style="text-align: center;">95% CI (9%, 37%)</p> <p>NSABP B-20</p>
<p><small>Decision on individual treatment especially around the RS 25 cutoff may consider other clinical factors.</small></p>	<p><small>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[®] and age are the strongest predictors of chemotherapy benefit¹. 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-20².

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	

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Recurrence
Score[®] Result

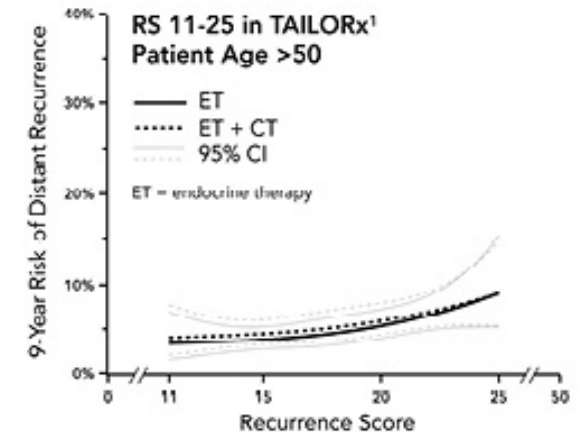
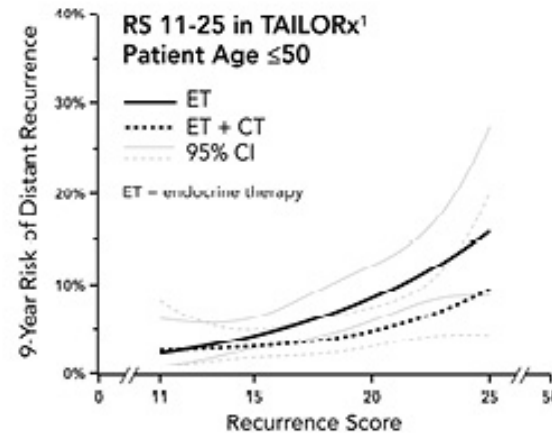
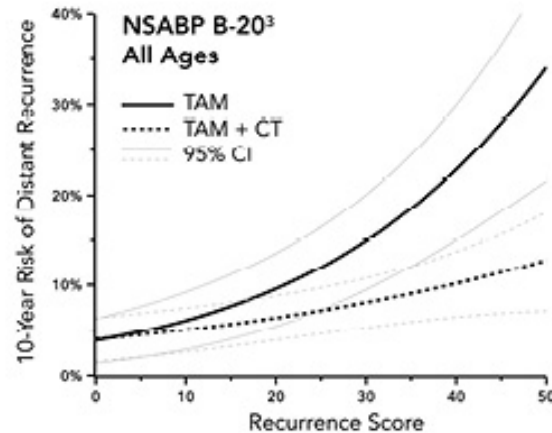
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Lymph Node
Status

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.