

Supplemental Online Content

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eTable 1. Missing Variables Data

eTable 2. Sensitivity Analyses Regarding the Association of TTH >150 Versus TTH ≤150 with OS

eFigure. Flow Diagram of Exclusions for National Cancer Database (NCDB)

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Missing Variables Data.

Variable	NCDB Missing (n)*
Age	0
Sex	0
Race	0
Insurance type	0
Setting	3757
Facility type	0
Charlson Comorbidity Index (CCI)	0
Histology	0
Grade	0
Pathological stage	0
Hormone receptor	0
Surgery	29
Radiotherapy	310
*Not exclusive: some patients may have had more than one variable missing.	

eTable 2. Sensitivity Analyses Regarding the Association of TTH>150 Versus TTH≤150 with OS

Model	Hazard Ratio (95% CI)	P Value
Unweighted	1.32 (1.19-1.47)	< .001
Propensity score based		
Weighted (IPTW)	1.31 (1.26-1.35)	< .001
IPTW with stabilized weight	1.31 (1.19-1.45)	< .001
IPTW with a generalized boosted regression model	1.23 (1.18-1.27)	< .001
Propensity Score Matching (PSM) ^a	1.41 (1.13-1.76)	.002
PS regression adjustment	1.29 (1.16-1.43)	< .001

Abbreviations: IPTW, inverse probability of treatment weighting; OS, overall survival; PS, propensity score.

^aPropensity score matching (PSM) was conducted using the nearest neighbour-matching with different calipers values (0.5, 0.1, 0.01, 0.001) for 1:1 matching and 0.5 for 1:2 matching. All results are stable. The result of a 1:1 match with a caliper of 0.001 was shown here.

eFigure 1. Flow Diagram of Exclusions for National Cancer Database (NCDB)

