Marital status is an independent prognostic factor for tracheal cancer patients: an analysis of the SEER database

Supplementary Materials
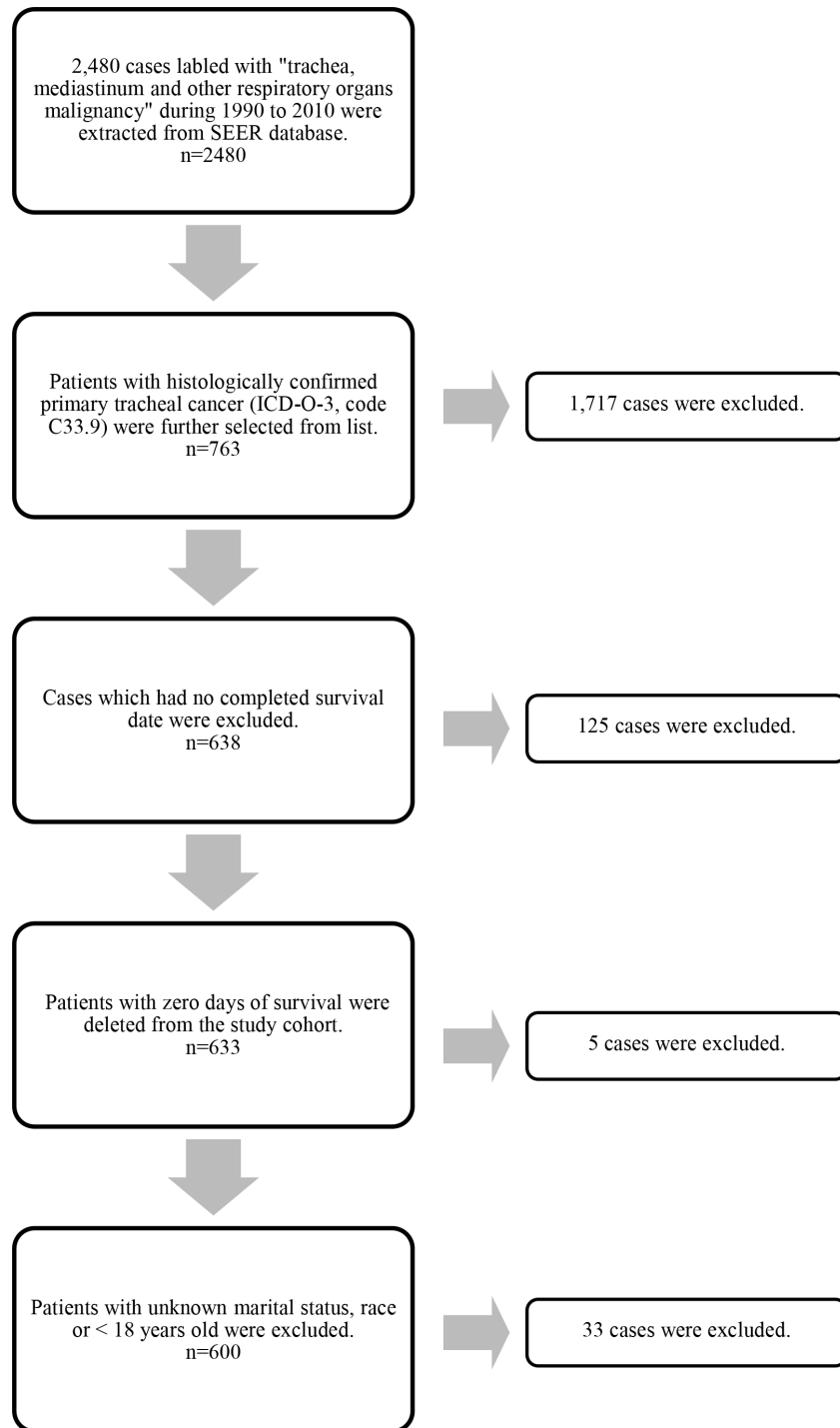

Figure 1: Flow chart of patient selection.

Supplementary Table S1: Univariate and multivariate survival analysis of tracheal cancer specific survival (TCSS) in non-low grade malignant tracheal cancer patients. See Supplementary_Table_S1

Supplementary Table S2: Univariate and multivariate survival analysis of TCSS in low grade malignant tracheal cancer patients. See Supplementary_Table_S2

Supplementary Table S3: Univariate and multivariate survival analysis of overall survival (OS) in low grade malignant tracheal cancer patients. See Supplementary_Table_S3

Supplementary Table S4: Univariate and multivariate survival analysis of OS in non-low grade malignant tracheal cancer patients. See Supplementary_Table_S4

Supplementary Table S5: Univariate and multivariate survival analysis for marital status on OS by stage at diagnosis

SEER stage	5-year OS	Univariate analysis		Multivariate analysis[a]		
		Log rank χ^2	P value	HR	95% CI	P value
Localized (n = 220)						
Marital status		2.33	0.127			
Unmarried	38.81%			Reference		
Married	50.03%			0.73	0.49–1.10	0.131
Regional (n = 205)						
Marital status		2.85	0.092			
Unmarried	25.91%			Reference		
Married	35.44%			0.78	0.55–1.11	0.164
Distant (n = 96)						
Marital status		1.29	0.256			
Unmarried	9.13%			Reference		
Married	12.34%			0.76	0.47–1.25	0.277

[a]Factors including gender, age, race, histological type, grade, treatment (surgery and radiotherapy), and other socio-economic factors (education, income, employment) had been adjusted in each stage.
SEER 1990-2010 (n = 521).

Supplementary Table S6: Univariate and multivariate survival analysis for marital status on TCSS by stage at diagnosis

SEER stage	5-year TCSS	Univariate analysis		Multivariate analysis[a]		
		Log rank χ^2	P value	HR	95% CI	P value
Localized (n = 220)						
Marital status		3.38	0.066			
Unmarried	66.51%			Reference		
Married	80.04%			0.48	0.25–0.91	0.023
Regional(n = 205)						
Marital status		2.79	0.095			
Unmarried	37.79%			Reference		
Married	50.67%			0.70	0.46–1.07	0.098
Distant(n = 96)						
Marital status		1.03	0.309			
Unmarried	16.79%			Reference		
Married	25.33%			0.73	0.41	1.31

[a]Factors including gender, age, race, histological type, grade, treatment (surgery and radiotherapy), and other socio-economic factors (education, income, employment) had been adjusted in each stage.
SEER 1990-2010 (n = 521).