

Supplementary Table 1: Coverage Characteristics of Patients without Private Insurance
Coverage Information for Patients Classified as Lacking Private Insurance

Coverage Type	n
Uninsured	101
Medicaid	58
Medicare	106
Medicare with Medicaid eligibility	34
Veterans Affairs/TRICARE	22
Unspecified Public Health Service	135
Total Patients without Private Insurance	456

Supplementary Table 2: Multivariate Analysis of Cachexia Incidence at Cancer Diagnosis Excluding Private Insurance Covariate

Category	Parameter	Odds ratio (95% CI)	P value
Patient information	Age at diagnosis (years)	1.004 (0.989-1.020)	0.5675
	Female Sex	0.703 (0.512-0.964)	0.0287
	Race		
	Non-Hispanic White	-	0.0089
	Black	1.748 (1.205-2.535)	0.0033
	Asian	0.907 (0.454-1.811)	0.7816
	Hispanic	1.717 (1.005-2.932)	0.0477
Risk factors	Charlson comorbidity score	1.003 (0.953-1.056)	0.8953
	Pretreatment BMI	0.979 (0.953-1.005)	0.1166
	Alcohol history	0.992 (0.719-1.368)	0.9588
	Tobacco history	1.63 (1.061-2.503)	0.0257
Tumor characteristics	Histology		
	Adenocarcinoma	-	0.2591
	Squamous	1.401 (0.928-2.116)	0.1084
	Large Cell	1.279 (0.429-3.815)	0.6591
	Mixed/NOS	1.456 (0.869-2.439)	0.1539

Supplementary Table 3: Non-Parametric Kruskal-Wallis Testing Comparing Age at Diagnosis Across Race/Ethnicity Groups

Comparison groups	Test statistic ± standard error	P value ^a
Asian vs Black	7.965 ± 37.597	1.0000
Asian vs Hispanic	-29.233 ± 43.684	1.0000
Asian vs non-Hispanic White	89.681 ± 34.525	0.0563
Black vs Hispanic	-21.268 ± 34.663	1.0000
Black vs non-Hispanic White	81.716 ± 22.028	0.0012
Hispanic vs non-Hispanic White	60.448 ± 31.304	0.3209

^aSignificance of values adjusted by Bonferroni correction for multiple tests

Supplementary Table 4: Independent-Samples T-Test Comparing Age at Diagnosis of Black vs non-Hispanic (NH) White Patients

Race	n	Average age at diagnosis (years)	Standard deviation	T value	P value
Non-Hispanic White	579	65.64	10.38	3.7655	0.0002
Black	216	62.60	9.44		

Supplementary Table 5: Median Survival Times for Black vs non-Hispanic (NH) White Patients stratified by Cachexia Status at Diagnosis

Group	Median survival (days), 95% CI
No cachexia, NH White	471, 375-567
No cachexia, Black	497, 322-672
Cachexia, NH White	259, 198-320
Cachexia, Black	210, 147-273
Overall	339, 282-396

Supplementary Table 6: Log-Rank Comparisons Black vs non-Hispanic (NH) White Patients Stratified by Cachexia Status at Diagnosis

Differing variable	Comparison groups	P value
Race	No cachexia, Black vs No cachexia, NH White	0.5121
	Cachexia, Black vs Cachexia, NH White	0.2744
Cachexia Status	Cachexia, NH White vs No cachexia, NH White	0.0096
	Cachexia, Black vs No cachexia, Black	0.0022