

Supplementary Online Content

Graboyes EM, Gross J, Kallogjeri D, et al. Association of compliance with process-related quality metrics and improved survival in oral cavity squamous cell carcinoma. *JAMA Otolaryngol Head Neck Surg*. Published online February 11, 2016. doi:10.1001/10.1001/jamaoto.2015.3595.

eTable. Patient and Treatment Characteristics

eFigure. Compliance With Quality Metrics

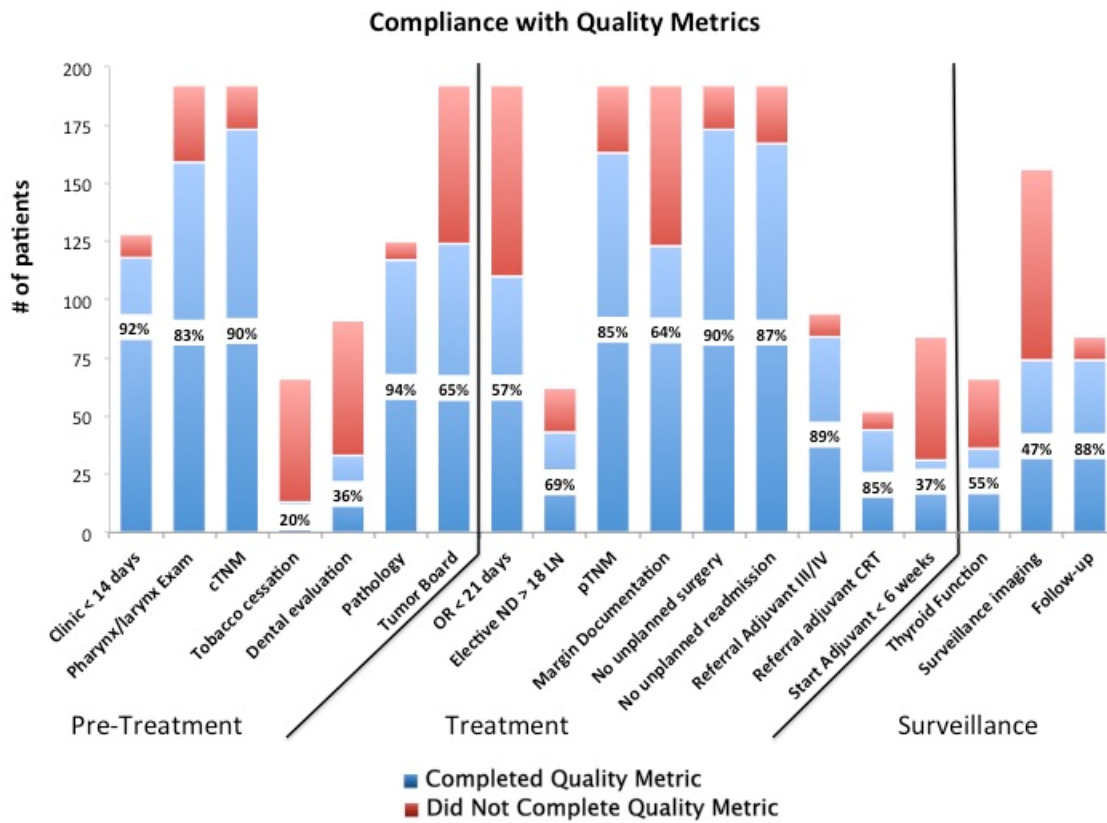
This supplementary material has been provided by the authors to give readers additional information about their work

eTable. Patient and Treatment Characteristics

Patient Variable	Number	(%)
Age (years)		
Median (range)	60	23-92
Gender		
Male	109	57
Female	83	43
Current Tobacco Abuse		
Yes	66	34
No	126	66
Oral Cavity Subsite		
Oral Tongue	96	50
Floor of Mouth	42	22
Alveolar Ridge	26	14
Retromolar Trigone	15	8
Hard Palate	9	5
Buccal	4	2
ACE-27 Comorbidity		
0-1	132	69
2-3	60	31
Clinical T-stage		
Dysplasia/in-situ	4	2
1	58	30
2	56	29
3	20	10
4a	54	28
Clinical N-stage		
0	122	64
1	31	16
2a	6	3
2b	14	7
2c	18	9
3	1	1
Pathologic T-stage		
1	86	45
2	42	22
3	14	7
4a	50	26
Pathologic N-stage		
0	126	66
1	25	13
2a	1	1
2b	25	13
2c	13	7
3	2	1

Final Margins		
Negative	182	95
Positive	10	5
Extracapsular Spread		
No	143	75
Yes	49	25
Adjuvant Therapy		
None	108	56
Radiation	40	21
Chemoradiation	44	23

eFigure. Compliance with Quality Metrics



Compliance with the set of 19 quality care metrics with face validity. The height of the total bar is equal to the number of patients eligible for the given metric. The % compliance with the metric is indicated as a number overlying the blue bar.