

Supplementary Online Content

Hoffman EM, Watson JC, St Sauver J, Staff NP, Klein CJ. Association of long-term opioid therapy with functional status, adverse outcomes, and mortality among patients with polyneuropathy. *JAMA Neurol*. Published online May 22, 2017. doi:10.1001/jamaneurol.2017.0486

eTable 1. *ICD-9-CM* Codes Used to Assess Morbidity

eTable 2. Prescribing Indication and Provider for Chronic Opioid Therapy

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

eTable 1. ICD-9-CM Codes Used to Assess Morbidity

Surrogate marker of comorbidity	ICD-9-CM codes
Alcohol abuse	305.01-305.03
Chemical dependence	303.91-303.93, 304.11-304.13, 304.21-304.23, 304.31-304.33, 304.51-304.53, 304.61-304.63, 304.81-304.83, 304.91-304.93, 648.31-648.34
Depression	290.13, 290.21, 290.43, 296.21-296.26, 296.31-296.36, 296.51-296.56, 296.82, 298, 301.12, 309.1, 309.28, 311
Opioid abuse	305.51-305.53
Opioid dependence	304.01-304.03, 304.71-304.73
Opioid overdose	965.01-965.02, 965.09
Other overdose	965.1, 965.4, 965.5, 965.61, 965.69, 965.7-965.9, 966.1-966.4, 967.1-967.6, 967.8-967.9, 969.8-969.9, 970.1
Substance abuse	305.21-305.23, 305.31-305.33, 305.41-305.43, 305.61-305.63, 305.71-305.73, 305.81-305.83, 305.91-305.93

eTable 2. Prescribing Indication and Provider for Chronic Opioid Therapy

Indication for COT*	N (%)
Musculoskeletal pain	282 (53)
Polyneuropathy	129 (24)
Radicular pain	49 (9)
Palliative	18 (3)
Cranial pain	18 (3)
Abdominal pain	13 (2)
Other	12 (2)
Post procedure pain	8 (1)
Herpes zoster	6 (1)
Restless leg syndrome	2 (0.4)
COT prescriber specialty*	
Internal Medicine (including subspecialties)	373 (69)
Family Medicine	71 (13)
Surgery (any subspecialty)	37 (7)
Pain Medicine	20 (4)
Neurology	6 (1)
Emergency Medicine/Urgent Care	6 (1)

*Denominator = 537