

Supplemental materials for:

Sites BD, Harrison J, Herrick M, Masaracchia M, Beach ML, Davis M. Prescription opioid use and Sstisfaction with care among adults with musculoskeletal conditions. *Ann Fam Med*. 2018;16(1):6-13.

Supplemental Table 1: ICD-9-CM Codes defining musculoskeletal conditions

ICD-9-CM Code	Description
274	Gout
710	Diffuse diseases of connective tissue
711	Arthropathy associated with infections
712	Crystal arthropathies
713	Arthropathy, endocrine disorders
714	Rheumatoid arthritis and other inflammatory polyarthropathies
715	Osteoarthritis and allied disorders
716	Other and unspecified arthropathies
717	Internal derangement of knee
718	Other derangement of joint
719	Other and unspecified disorders of joint
720	Sacroiliitis
721	Spondylosis and allied disorders
722	Intervertebral disc disorders
723	Other disorders of cervical region
724	Other and unspecified disorders of back
725	Polymyalgia rheumatica
726	Peripheral enthesopathies and allied syndromes
727	Other disorders of synovium, tendon and bursa
728	Disorders of muscle, ligament, and fascia
729	Other disorders of soft tissues
730	Osteomyelitis, periostitis, and other infections involving bone
731	Osteitis deformans and osteopathies associated with other disorders
732	Osteochondropathies
733	Other disorders of bone and cartilage
734	Flat foot
735	Acquired deformities of toe
736	Other acquired deformities of limbs
737	Curvature of spine
738	Other acquired deformity

Abbreviation: ICD-9-CM, International Classification of Diseases, version 9 clinical modification

Supplemental Table 2. Propensity score matching analysis for the association between level of prescription opioid use and high satisfaction with care<sup>a</sup>

Independent Variable	Odds Ratio (95% CI)	p-value for trend
Opioid user status	1.06 (1.00, 1.12)	
By level of opioid use		0.04
Non-User	1.00 (reference)	
Low	1.04 (0.84, 1.28)	
Moderate	1.47 (1.21, 1.79)	
Heavy	1.09 (0.91, 1.30)	

a: Defined as being in the top quartile of patient satisfaction based on constructed composite score.