Appendix 2 (as supplied by the authors): Diagnostic codes, procedures and, medical services received by patients prior to opioid initiation

Medical events prior to opioid initiation		Code
Accident, fracture or surgery	Surgery	Procedure code : 05004; 05054; 05067; 05100; 05101; 05168; 05201; 05203; 05208; 05209; 05455; 05459; 05460; 05462; 05469; 05471; 05900-05918; 05920-05925; 05928-05980; 05987-05998; 06912; 06913; 06946 Or ICD-9 code[1]: 540.x – 543.x 550.x – 553.x; 669.7; 722.0 – 722.2
	Accident	ICD-9 code 851 to 959.9 with a service location in an emergency department (institution code: CH35)
	Fracture	ICD-9 code 800 to 848.9 with a service location in an emergency department (institution code: CH35)
Diagnosis associated with chronic pain	Arthritis	ICD-9 : 714 – 715.9
	Spinal stenosis	ICD-9 : 724.x
	Fibromyalgia	ICD-9 : 729.1
	Osteoporosis	ICD-9 : 733.0
	Spine deformation	ICD-9 737.x
	Neuropathy	ICD-9 : 053.1; 356.x; 357.2
	Limb pain	ICD-9 : 353.6; 729.5
	Neck pain	ICD-9 : 723.1
Other type of pain	Abdominal pain	ICD-9 : 789.0
	Thoracic pain	ICD-9 : 786.5
	Abscess	ICD-9 : 682.x
	Tendon pain	ICD-9 : 726.x
	Pain related to the digestive system	ICD-9 : 562.x; 574.x – 575.1; 576.5; 577.0; 592.x; 788.0
Hospitalization or ED visit without any diagnosis associated with acute or chronic pain		Billing with a location of service in the hospital or ED in the 7 days prior to opioid initiation

Reference

1. World Health Organization. (1978). International classification of diseases : [9th] ninth revision, basic tabulation list with alphabetic index. World Health Organization. https://apps.who.int/iris/handle/10665/39473 (accessed 07 August 2020)