		Adjusted OR (95% CI)	
Strata	Events/total		
All	6248 / 40028	i	
Agegroup		I	
65-74.9	1400 / 8891	H	1.03 (0.95 - 1.10)
75-84.9	2562 / 16297	HPH	1.02 (0.96 - 1.09)
≥85	2286 / 14840	é	
Gender		I	
Female	4517 / 28991	I ¢ I	1.00 (0.94 - 1.06)
Male	1731 / 11037		
Body mass index			
Underweight (<18.5)	471 / 2839	⊢●-	1.19 (1.07 - 1.32)
Normal (18.6-24.9)	2646 / 18476	•	
Overweight (2529.9)	1138 / 7145	i⊷i	1.10 (1.02 - 1.18)
Obese (+30)	1670 / 9374	∣ ⊢●⊣	1.52 (1.36 - 1.69)
Fracture type			
Femoral neck	3117 / 21759	•	
Per-/subtrochanteric	3131 / 18269	H	1.24 (1.17 - 1.31)
Surgery type		I	
Osteosynthesis	4728 / 27521	•	
Total/partal hip replacement	1520 / 12507	Hel i	0.67 (0.63 - 0.71)
Preoperative diseases		1	
Cardiovascular comorbiditi	es		
Myocardial infarction	321 / 1789	∣⊢●⊣	1.19 (1.05 - 1.35)
Congestive heart failure	528 / 2677	¦ ⊢●⊣	1.36 (1.23 - 1.51)
Peripheral vascular disease	498 / 2379	∣ ⊢●⊣	1.47 (1.32 - 1.63)
Cerebrovascular disease	1194 / 6722	+●+	1.21 (1.13 - 1.30)
Diabetes mellitus	645 / 3340	i HeH	1.33 (1.21 - 1.45)
Gastrointestinal disease		1	
Liver disease	98 / 361		2.03 (1.60 - 2.57)
Peptic ulcer disease	383 / 1697	+++	1.61 (1.44 - 1.82)
Connective tissue disease	255 / 1477	i⊢∙1	1.13 (0.99 - 1.30)
Neurological comorbidities		I	
Dementia	522 / 2984	⊦●⊣	1.16 (1.05 - 1.29)
Hemiplegia	17 / 92	⊢ ⊢ ⊢ − − − − − − − − − −	1.22 (0.72 - 2.06)
COPD	745 / 3740	. ⊢ • +	1.39 (1.28 - 1.51)
Renal disease	182 / 957	∣ ⊢●⊣	1.61 (1.44 - 1.82)
Any cancer	885 / 5148	⊢●⊣	1.14 (1.06 - 1.24)
Preoperative medication		i	
NSAID	896 / 4171	. +●+	1.62 (1.49 - 1.75)
SSRI	1280 / 6573	I ⊫+	1.41 (1.32 - 1.51)
Corticosteroid	343 / 1572	∣ ⊢●⊣	1.55 (1.37 - 1.75)
Anticoagulants	2450 / 14264	lei	1.23 (1.16 - 1.30)
Statins	1221 / 7401	li⊕i	1.09 (1.01 - 1.17)
Antibiotics	1287 / 7220	+●+	1.29 (1.21 - 1.39)
Antidepressants	685 / 3558	⊢●-1	1.34 (1.22 - 1.46)
Antipsycotics	433 / 2398	¦ ⊢●⊣	1.21 (1.09 - 1.35)
HRT	332 / 2042	⊢∔●−⊣	1.06 (0.94 - 1.20)
Anti-osteoporosis medicine	433 / 2270	+•-1	1.31 (1.17 - 1.46)
Vitamine K	352 / 2083	i , ● -1	1.11 (0.99 - 1.25)
NOAC	40 / 357	⊢ − ●−−1!	0.68 (0.49 - 0.95)
Antiplatelet drugs	2136 / 12298	l Hel	1.23 (1.16 - 1.30)
Heparins	7/32	⊢ ⊢ –	1.51 (0.65 - 3.49)

Appendix figure 2: Landmark analyses at 6 months: Risk factors for developing new chronic opioid use after hip fracture surgery among patients with no opioid use before surgery, when excluding the patients who died in the first and second quarter of surgery, odds ratios adjusted for age and sex.

COPD: Chronic pulmonary disease, NSAID: nonsteroidal anti-inflammatory drug, SSRI: selective serotonin reuptake inhibitors, HRT: Hormone Replacement Therapy, NOAC: novel oral anticoagulant. Odds ratios (ORs) with 95% confidence intervals (CI)