		Adjusted OR (95% CI)	
Strata	Events/total		
All	5889 / 38540		
Agegroup			
65-74	1354 / 8705	HeH	1.05 (0.97 - 1.13)
75-84	2442 / 15820	Heri	1.04 (0.98 - 1.11)
85	2093 / 14015	•	
Gender			
Female	4276 / 28008	I¢I	1.00 (0.94 - 1.07)
Male	1613 / 10532	•	
Body mass index			
Underweight (<18.5)	436 / 2688	∣⊢●⊣	1.19 (1.07 - 1.33)
Normal (18.6-24.9)	2477 / 17757	•	
Overweight (2529.9)	1098 / 6967	H●H	1.11 (1.03 - 1.20)
Obese (+30)	1573 / 9016	⊢●⊣	1.55 (1.39 - 1.74)
Fracture type			
Femoral neck	2923 / 20994	•	
Per-/subtrochanteric	2966 / 17546	lei	1.26 (1.19 - 1.33)
Surgery type		I	
Osteosynthesis	4477 / 26440	•	
Total/partal hip replacement	1412 / 12100	Hel i	0.65 (0.61 - 0.69)
Preoperative diseases			
Cardiovascular comorbiditie	es		
Myocardial infarction	303 / 1698	∣⊢●⊣	1.22 (1.07 - 1.38)
Congestive heart failure	492 / 2492	⊢⊷⊣	1.41 (1.27 - 1.56)
Peripheral vascular disease	472 / 2261	∣ ⊢●⊣	1.50 (1.35 - 1.67)
Cerebrovascular disease	1116 / 6421	+●+	1.21 (1.12 - 1.30)
Diabetes mellitus	613 / 3185	i H●H	1.36 (1.23 - 1.49)
Gastrointestinal disease			
Liver disease	94 / 339		2.13 (1.67 - 2.71)
Peptic ulcer disease	362 / 1609	⊢●-	1.65 (1.47 - 1.86)
Connective tissue disease	240 / 1431	i , ● -1	1.12 (0.97 - 1.29)
Neurological comorbidities			
Dementia	473 / 2782	⊢●-1	1.16 (1.04 - 1.28)
Hemiplegia	16 / 91	⊢ ⊢ ⊢ ⊢ − − − − − − − − − −	1.17 (0.68 - 2.01)
COPD	697 / 3536	⊢●⊣	1.41 (1.29 - 1.54)
Renal disease	165 / 883	∣ ⊢●⊣	1.65 (1.47 - 1.86)
Any cancer	811 / 4861	l⊦●+	1.13 (1.04 - 1.22)
Preoperative medication			
NSAID	854 / 4023	⊢●⊢	1.64 (1.51 - 1.78)
SSRI	1198 / 6251	I H●H	1.42 (1.32 - 1.53)
Corticosteroid	319 / 1493	⊢●⊣	1.54 (1.36 - 1.75)
Anticoagulants	2308 / 13613	lei	1.25 (1.18 - 1.33)
Statins	1164 / 7179	li⊕i	1.09 (1.02 - 1.17)
Antibiotics	1202 / 6825	+●+	1.31 (1.22 - 1.41)
Antidepressants	646 / 3405	i ⊢●-I	1.35 (1.23 - 1.47)
Antipsycotics	397 / 2262	¦⊢●-I	1.20 (1.07 - 1.34)
HRT	320 / 1999	⊢┥	1.06 (0.94 - 1.21)
Anti-osteoporosis medicine	412 / 2208	+•-1	1.30 (1.17 - 1.46)
Vitamine K	336 / 1995	⊢ ●-1	1.14 (1.01 - 1.28)
NOAC	39 / 341	⊢●]	0.72 (0.51 - 1.00)
Antiplatelet drugs	2007 / 11724	⊷	1.25 (1.17 - 1.32)
Heparins	7/30	⊢ ⊢ − −	1.68 (0.72 - 3.92)
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Appendix figure 3: Landmark analyses at 9 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, second, and third 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)