

Supplemental Table S8. Risk Factors of Non-Hip and Non-Vertebral Fracture in Patients with Acromegaly

Variable	Non-hip and non-vertebral fracture		Univariate sHR (95% CI)	P value	Multivariable sHR (95% CI)	P value
	Yes (n=5)	No (n=926)				
Age, yr	50.0±13.8	46.2±12.6	1.03 (0.95–1.10)	0.488	1.02 (0.94–1.11)	0.671
Sex						
Male	2 (40.0)	463 (50.0)	1 (Ref.)		1 (Ref.)	
Female	3 (60.0)	463 (50.0)	1.49 (0.25–8.91)	0.663	1.55 (0.18–13.44)	0.691
Socioeconomic status				0.207		
Low	3 (60.0)	213 (23.0)	4.38 (0.46–42.10)	0.201		
Middle	1 (20.0)	308 (33.3)	1 (Ref.)			
High	1 (20.0)	405 (43.7)	0.76 (0.05–12.21)	0.849		
Baseline comorbidities						
Type 2 DM	2 (40.0)	221 (23.9)	2.16 (0.36–12.94)	0.398		
Hypertension	2 (40.0)	144 (15.6)	3.61 (0.60–21.60)	0.160		
Cardio-cerebrovascular disease	0	37 (4.0)	-			
COPD	0	59 (6.4)	-			
Rheumatoid arthritis	0	44 (4.8)	-			
Chronic liver disease	2 (40.0)	43 (4.6)	12.96 (2.17–77.59)	0.005 ^a	8.43 (1.62–43.88)	0.011 ^a
Any previous fracture history	1 (20.0)	8 (0.9)	30.51 (3.40–273.90)	0.002 ^a	15.18 (1.91–120.41)	0.010 ^a
Treated hypogonadism	0	16 (1.7)	-			
Concurrent recent medication use						
Steroids	0	34 (3.7)	-			
Acid-suppressant medication	0	99 (10.7)	-			
Psychotropic medication	1 (20.0)	72 (7.8)	2.97 (0.33–26.56)	0.331		
Opioid	1 (20.0)	40 (4.3)	5.49 (0.61–49.09)	0.128		
Warfarin	0	1 (0.1)	-			

Values are expressed as mean ± standard deviation or number (%).

sHR, sub-distribution hazard ratio; CI, confidence interval; DM, diabetes mellitus; COPD, chronic obstructive pulmonary disease.

^aStatistical significance at $P < 0.05$.