

Supplementary Material

Risk of Cardiovascular Events, Infections, and Renal Complications in Postsurgical Chronic Hypoparathyroidism: A US Medicare Claims Retrospective Analysis

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Table S1. Surgery CPT/ICD-10 codes

Surgery	CPT/ICD-10 Codes
Thyroidectomy	60210, 60212, 60220, 60225, 60240, 60252, 60254, 60260
Parathyroidectomy	60500
Goiter removal	602XX
Excision procedures on the parathyroid	60500, 60502, 60505
Resection of thyroid gland	0GTG0ZZ, 0GTH0ZZ, 0GTJ0ZZ, 0GTK0ZZ

Abbreviations: ICD-10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision

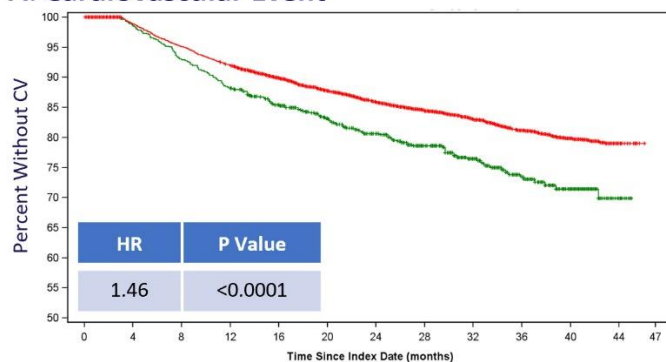
Table S2. Condition ICD-10 codes

Category	Condition	ICD-10 Codes
Cardiovascular Events	Myocardial infarction	I21, I22, I252
	Congestive heart failure	I43, I50, I099, I110, I130, I132, I255, I420, I425, I426, I427, I428, I429, P290
	Cerebrovascular disease	G45, G46, I60, I61, I62, I63, I64, I65, I66, I67, I68, I69, H340
	Arrhythmia	I49, I498, I499
	Ischemic heart disease	I20, I22, I24, I25
Renal Complications	Nephrocalcinosis	E835, E838, E839, N29
	Nephrocalcinosis	N20, N200, N201, N202, N209, N21, N210, N211, N218, N219, N22, E7200, E7201, E7204, E7209
	Chronic kidney disease stage 3-4	N183, N184
	Chronic kidney disease stage 5	N185, I120, I131, I132, Z992
UTIs	Urinary tract infections	N10, N110, N300, N301, N302, N303, N308, N309, N340, N390
URTIs	Upper respiratory tract infections	A150, A153, A154, A158, A162, A191, H603, H609, H610, H621, H650, H652, H653, H659, H660, H661, H663, H664, H669, J00, J010, J018, J019, J028, J029, J030, J039, J040, J050, J068, J069, J090, J091, J100, J101, J110, J111, J121, J13, J14, J152, J155, J156, J157, J158, J159, J168, J180, J181, J189, J201, J205, J209, J22, J392, J399, J40, J410, J411, J42, J440, J852, J86

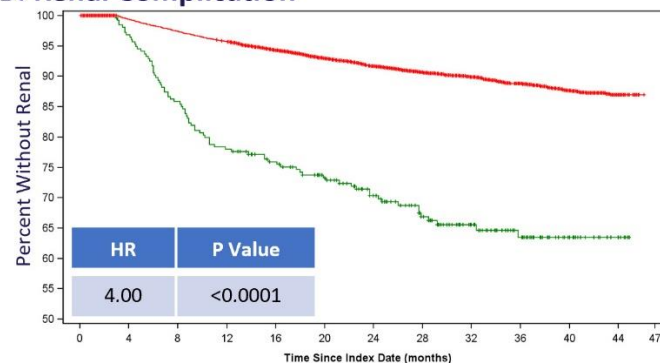
Abbreviations: ICD-10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision; URTI, upper respiratory tract infection; UTI, urinary tract infection

Figure S1. Sensitivity analysis - Time to first hypoparathyroidism complication among unmatched cohorts with a 3-month washout period

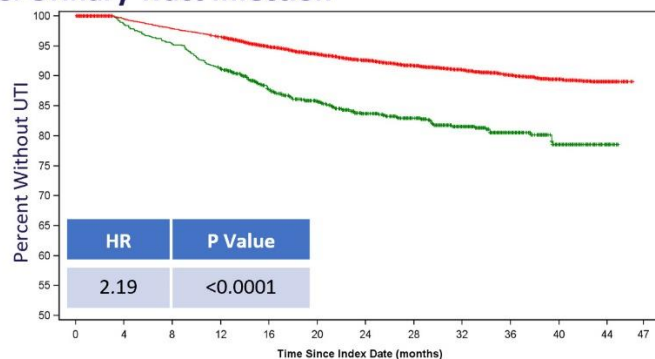
A: Cardiovascular Event



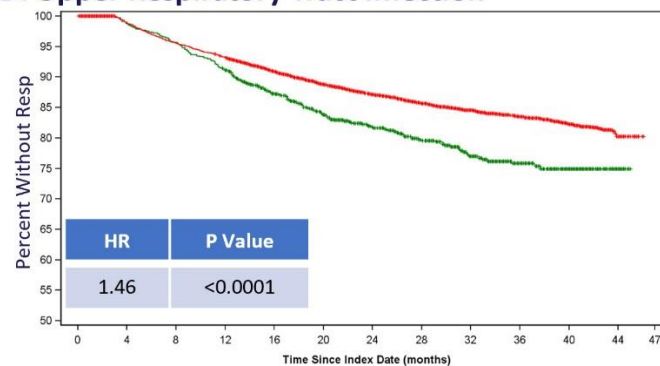
B: Renal Complication



C: Urinary Tract Infection



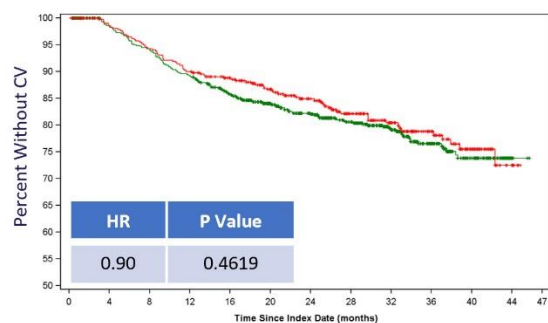
D: Upper Respiratory Tract Infection



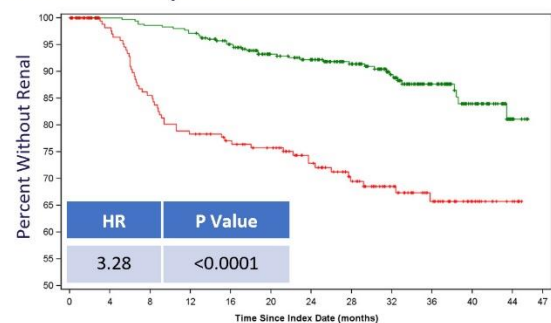
- Non-Hypoparathyroidism Controls (Reference)
- Individuals With Postsurgical Chronic Hypoparathyroidism

Figure S2. Sensitivity analysis - Time to first hypoparathyroidism complication among matched cohorts with a 3-month washout period

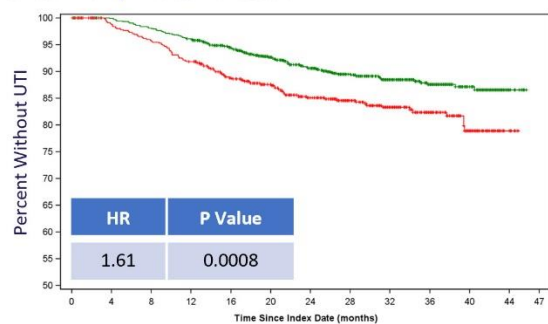
A: Cardiovascular Event



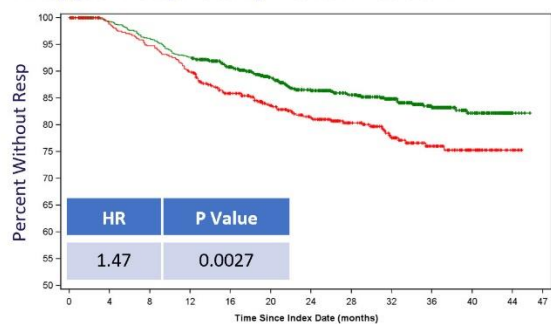
B: Renal Complication



C: Urinary Tract Infection



D: Upper Respiratory Tract Infection



- Non-Hypoparathyroidism Controls (Reference)
- Individuals With Postsurgical Chronic Hypoparathyroidism