

Supplemental Tables

Supplemental Table S1: Cost comparison between groups

Comparison of non-image guided vs. US guided	Comparison of non-image guided vs. Fluoroscopy guided	Comparison of US guided vs. Fluoroscopy guided
p<0.01 ^T	p=1	p=1

^TSignificant cost difference when comparing non-image guided injections versus ultrasound-guided injections.

Supplemental Table S2: Odds Ratio and Probability of Surgical Intervention

Variable/Comorbidities	Odds Ratio	Number of Injections	Probability of Surgery
More than 1 injection ^T	OR = 1.1 p<0.001	1 Injection	10.2 %
Dupuytren's disease ^T	OR = 2.1 p<0.001	2 injections	16.2% ^Y
Obesity ^T	OR = 1.3 p<0.001	3 injections	19.2% ^Y
Smoking ^T	OR = 1.5 p<0.001	4 Injections	18.5% ^Y
Hypothyroidism ^T	OR = 1.2 p<0.001	> 4 injections	17.6% ^Y
Diabetes	OR= 1.0 p = 0.07		

^TDenotes the comorbidities that were associated with an increased odds of undergoing surgical intervention of thumb CMC arthritis.

^YHave more than 1 injection is associated with significantly increased probability of undergoing surgical intervention.