

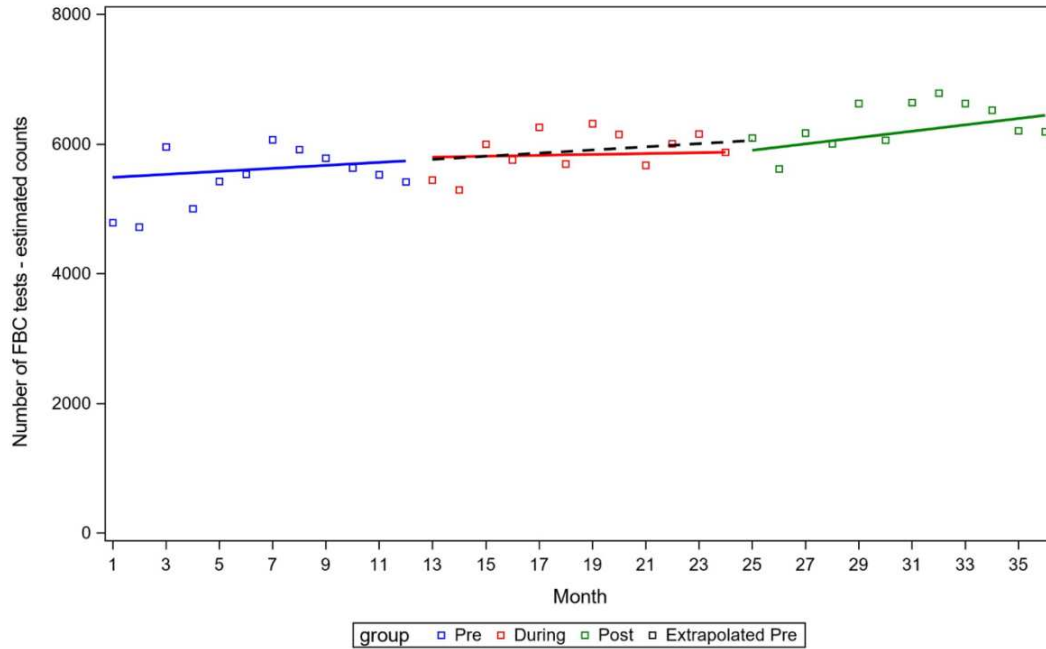
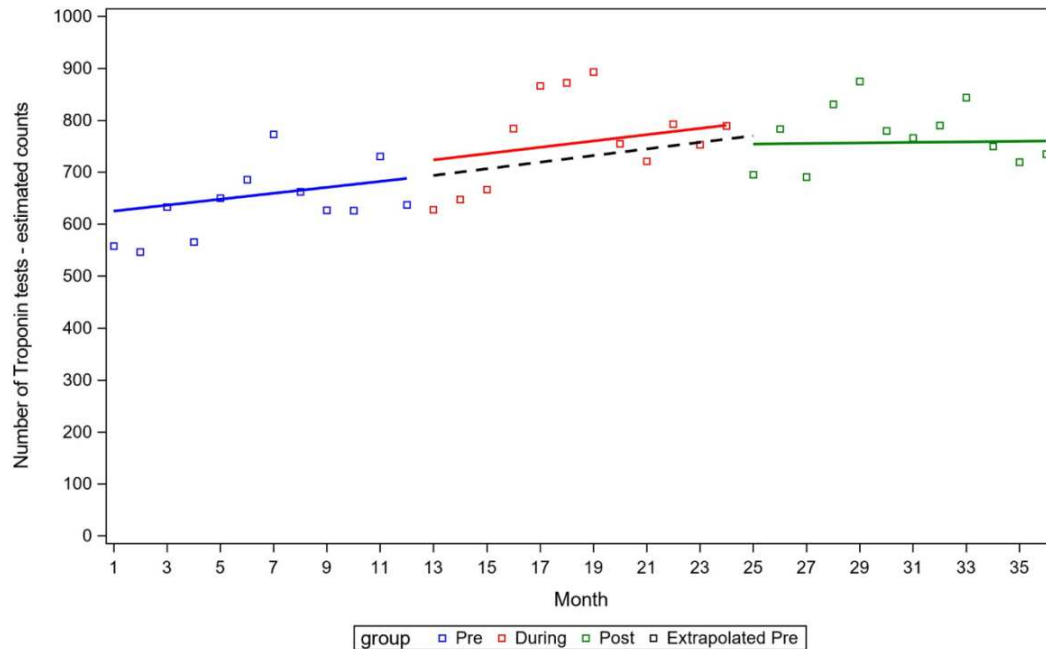
Appendix A

Appendix Table A.1. Charleston Comorbidity Index (CCI) and corresponding search string ICD10 codes

CCI	ICD10 non-decimal code
Myocardial Infarction	I21, I22, I252
Congestive Heart Failure	I50
Peripheral Vascular Disease	I70, I71, I731, I739, I771, I790, R02, Z958, Z959
Cerebrovascular Disease	G45, G46, H340, I60, I61, I62, I63, I64, I65, I67, I68, I69
Dementia	F00, F01, F02, F03, F051
Chronic Obstructive Pulmonary Disease	J40, J41, J42, J43, J44, J45, J47, J60, J61, J62, J63, J64, J65, J66, J684, J84
Rheumatological Diseases	M05, M06, M315, M32, M33, M34, M351, M353, M360
Peptic Ulcer Disease	K25, K26, K27, K28
Mild Liver Disease	K702, K703, K73, K743, K744, K745, K746
Diabetes without complications	E100, E101, E106, E108, E109, E110, E111, E116, E118, E119, E120, E121, E126, E128, E129, E130, E131, E136, E138, E139, E140, E141, E146, E148, E149
Diabetes with complications	E102, E103, E104, E105, E107, E112, E113, E114, E115, E117, E122, E123, E124, E125, E127, E132, E133, E134, E135, E137, E142, E143, E144, E145, E147
Hemiplegia or Paraplegia	G041, G81, G82
Renal Disease	N01, N03, N05, N07, N18, N19, N25
Primary Cancer	C00, C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C30, C31, C32, C33, C34, C37, C38, C39, C40, C41, C43, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C72, C73, C74, C75, C76, C81, C82, C83, C84, C85, C88, C90, C91, C92, C93, C94, C95, C96, C97
Moderate or Severe Liver Disease	I850, I859, I982, K704, K721, K729, K766, K767, K768
Metastatic Cancer	C77, C78, C79, C80
HIV Infection	B24

Appendix Table A.2. Pathology test result ranges across the three periods.

Test	Range	Pre	(%)	During	(%)	Post	(%)
UEC	Normal	45004	52.5	50494	54.4	50512	52.0
	High risk	35857	41.8	37453	40.3	41201	42.4
	Critical risk	4874	5.7	4931	5.3	5370	5.5
FBC	Normal	16127	24.5	18559	26.3	19875	26.3
	High risk	49365	75.1	51743	73.3	55364	73.3
	Critical risk	265	0.4	301	0.4	293	0.4
Troponin	Normal	3026	39.3	3985	43.5	3813	41.2
	High risk	4670	60.7	5184	56.5	5446	58.8
TSH	Normal	1515	76.1	1846	78.5	1912	78.3
	High risk	477	23.9	506	21.5	529	21.7
Vitamin D	Normal	656	59.4	815	59.9	757	58.5
	High risk	448	40.6	546	40.1	537	41.5
HbA1c	Normal	674	38.8	722	40.3	639	34.4
	High risk	349	20.1	317	17.7	383	20.6
	Critical risk	716	41.2	751	42.0	833	44.9
C-Reactive Protein	Normal	2772	11.7	3713	12.5	4263	12.3
	High risk	13641	57.6	17477	58.9	20823	60.0
	Critical risk	7255	30.7	8477	28.6	9632	27.7

Appendix Figure A.1. Regression lines (dashed) of estimated counts for orders of FBC (A.1.1), Troponin (A.1.2), and HbA1c (A.1.3) over the three periods**A.1.1 FBC****A.1.2 Troponin**

A.1.3 HbA1c

