



CMG+ 2023 Directory Update Notice

This bulletin highlights 2 minor updates to the Case Mix Group+ (CMG+) 2023 grouping methodology (version 1.1) since the release of the *CMG+ 2022 Directory*.

The Canadian Institute for Health Information (CIHI) did not publish an updated *CMG+ Directory* in 2023. Clients are advised to continue to use the 2022 products until the next case-mix methodology update.

Update 1

The diagnosis split list for CMG 175 Percutaneous Coronary Intervention with MI/Shock/Arrest/Heart Failure now includes 3 additional ICD-10-CA codes for heart failure (new in ICD-10-CA version 2022):

MCC 5 — Diseases and Disorders of the Circulatory System: Intervention Partition

CMG 175 — Percutaneous Coronary Intervention with MI/Shock/Arrest/Heart Failure

Intervention code	Intervention description
1IJ50GQBD	Dilate cor art PTA balloon
1IJ50GQBF	Dilate cor art PTA balloon w lasr
1IJ50GQNR	Dilate cor art PTA w stent
1IJ50GQOA	Dilate cor art PTA balloon w stent
1IJ50GQOB	Dilate cor art PTA w laser & stent
1IJ50GQOD	Dilate cor art PTA u/s & balloon
1IJ50GQOE	Dilate cor art PTA tx u/s bal dil & stent
1IJ50GTBD	Dilate cor art PTA w exc tech &mech balloon dilat
1IJ50GTBF	Dilate cor art PTA w exc tech &balloon dilat w lasr
1IJ50GTOA	Dilate cor art PTA w exc tech balloon & stent
1IJ50GTOB	Dilate cor art PTA w exc tech laser & stent
1IJ50GTOD	Dilate cor art PTA w exc tech tx u/s & bal dil
1IJ50GTOE	Dilate cor art PTA w exc tech tx u/s bal dil & stent
1IJ50GUBD	Dilate cor art PTA w asp tech &mech balloon dilat
1IJ50GUBF	Dilate cor art PTA w asp tech &balloon dilat w lasr
1IJ50GUOA	Dilate cor art PTA w asp tech balloon & stent
1IJ50GUOB	Dilate cor art PTA w asp tech laser & stent
1IJ50GUOD	Dilate cor art PTA w asp tech tx u/s & bal dil
1IJ50GUOE	Dilate cor art PTA w asp tech tx u/s bal dil & stent
1IJ57GT	Extract cor art PTA w atherectomy
1IJ57GU	Extract cor art PTA w thrombectomy





MI/Shock/Arrest/Heart Failure (most responsible, asterisk or other diagnosis [type M, 6, 1, 2, W, X or Y])

Diagnosis code	Diagnosis description
I210	Acute transmural MI of ant wall
I211	Acute transmural MI of inf wall
I212	Acute transmural MI of oth site
I213	Acute transmural MI of uns site
I214	Ac subendocardial myocardial infarction
I219	Acute myocardial infarction unspecified
I220	Subsequent MI of anterior wall
I221	Subsequent MI of inferior wall
I228	Subsequent MI of other sites
I229	Subsequent MI of unspecified site
I260	Pulm embolism w acute cor pulmonale
I460	Cardiac arrest w success resuscitation
I461	Sudden cardiac death so described
I469	Cardiac arrest unspecified
I500	Congestive heart failure
I5010*	L ventrlar fail w preserv ejectn fract
I5011*	L ventrlar fail w reduced ejectn fract
I5019*	L ventrlar fail unspec
I509	Heart failure unspecified
P2910	Neonatal cardiac arrest

Note

* New codes in ICD-10-CA version 2022.

Update 2

The Comorbidity interaction factor in major clinical category (MCC) 17 now includes 16 additional ICD-10-CA codes from category **F12** *Mental and behavioural disorders due to use of cannabinoids* (new codes in ICD-10-CA version 2022):



MCC 17 — Mental Diseases and Disorders

Comorbidity interaction factor

Comorbidity code 1	Comorbidity description 1	Comorbidity code 2	Comorbidity description 2	Comorbidity interaction factor
F1200*	Ment/beh disrd dt cannab ac intox	F411	Generalized anxiety disorder	0.82046
F1200*	Ment/beh disrd dt cannab ac intox	F900	Disturbance of activity and attention	0.82046
F1200*	Ment/beh disrd dt cannab ac intox	F901	Hyperkinetic conduct disorder	0.82046
F1201*	Ment/beh dis dt syn cannab ac intox	F411	Generalized anxiety disorder	0.82046
F1201*	Ment/beh dis dt syn cannab ac intox	F900	Disturbance of activity and attention	0.82046
F1201*	Ment/beh dis dt syn cannab ac intox	F901	Hyperkinetic conduct disorder	0.82046
F1210*	Ment/beh disrd dt cannab harmf use	F411	Generalized anxiety disorder	0.82046
F1210*	Ment/beh disrd dt cannab harmf use	F900	Disturbance of activity and attention	0.82046
F1210*	Ment/beh disrd dt cannab harmf use	F901	Hyperkinetic conduct disorder	0.82046
F1211*	Ment/beh dis dt syn cannab harmf use	F411	Generalized anxiety disorder	0.82046
F1211*	Ment/beh dis dt syn cannab harmf use	F900	Disturbance of activity and attention	0.82046
F1211*	Ment/beh dis dt syn cannab harmf use	F901	Hyperkinetic conduct disorder	0.82046
F1220*	Ment/beh dis dt cannab dep syndr	F411	Generalized anxiety disorder	0.82046
F1220*	Ment/beh dis dt cannab dep syndr	F900	Disturbance of activity and attention	0.82046
F1220*	Ment/beh dis dt cannab dep syndr	F901	Hyperkinetic conduct disorder	0.82046
F1221*	Ment/beh dis dt syn cannab dep syndr	F411	Generalized anxiety disorder	0.82046
F1221*	Ment/beh dis dt syn cannab dep syndr	F900	Disturbance of activity and attention	0.82046
F1221*	Ment/beh dis dt syn cannab dep syndr	F901	Hyperkinetic conduct disorder	0.82046
F1230*	Ment/beh dis dt cannab withdrw st	F411	Generalized anxiety disorder	0.82046
F1230*	Ment/beh dis dt cannab withdrw st	F900	Disturbance of activity and attention	0.82046
F1230*	Ment/beh dis dt cannab withdrw st	F901	Hyperkinetic conduct disorder	0.82046
F1231*	Ment/beh dis dt syn cannab withdrw st	F411	Generalized anxiety disorder	0.82046
F1231*	Ment/beh dis dt syn cannab withdrw st	F900	Disturbance of activity and attention	0.82046
F1231*	Ment/beh dis dt syn cannab withdrw st	F901	Hyperkinetic conduct disorder	0.82046
F1240*	Ment/beh dis dt cannab withdrw delr	F411	Generalized anxiety disorder	0.82046
F1240*	Ment/beh dis dt cannab withdrw delr	F900	Disturbance of activity and attention	0.82046
F1240*	Ment/beh dis dt cannab withdrw delr	F901	Hyperkinetic conduct disorder	0.82046
F1241*	Ment/beh dis dt syn cannab withdr del	F411	Generalized anxiety disorder	0.82046
F1241*	Ment/beh dis dt syn cannab withdr del	F900	Disturbance of activity and attention	0.82046
F1241*	Ment/beh dis dt syn cannab withdr del	F901	Hyperkinetic conduct disorder	0.82046
F1250*	Ment/beh dis dt cannab psychtc d/o	F411	Generalized anxiety disorder	0.82046
F1250*	Ment/beh dis dt cannab psychtc d/o	F900	Disturbance of activity and attention	0.82046
F1250*	Ment/beh dis dt cannab psychtc d/o	F901	Hyperkinetic conduct disorder	0.82046
F1251*	Ment/beh dis dt syn cannab psychtc d/o	F411	Generalized anxiety disorder	0.82046
F1251*	Ment/beh dis dt syn cannab psychtc d/o	F900	Disturbance of activity and attention	0.82046
F1251*	Ment/beh dis dt syn cannab psychtc d/o	F901	Hyperkinetic conduct disorder	0.82046



Comorbidity code 1	Comorbidity description 1	Comorbidity code 2	Comorbidity description 2	Comorbidity interaction factor
F1260*	Ment/beh dis dt cannab amnsc syndr	F411	Generalized anxiety disorder	0.82046
F1260*	Ment/beh dis dt cannab amnsc syndr	F900	Disturbance of activity and attention	0.82046
F1260*	Ment/beh dis dt cannab amnsc syndr	F901	Hyperkinetic conduct disorder	0.82046
F1261*	Ment/beh dis dt syn cannab amnsc syndr	F411	Generalized anxiety disorder	0.82046
F1261*	Ment/beh dis dt syn cannab amnsc syndr	F900	Disturbance of activity and attention	0.82046
F1261*	Ment/beh dis dt syn cannab amnsc syndr	F901	Hyperkinetic conduct disorder	0.82046
F1270*	Ment/beh dis dt cannab resd late psych	F411	Generalized anxiety disorder	0.82046
F1270*	Ment/beh dis dt cannab resd late psych	F900	Disturbance of activity and attention	0.82046
F1270*	Ment/beh dis dt cannab resd late psych	F901	Hyperkinetic conduct disorder	0.82046
F1271*	Ment/beh dis syn cannab resd late psych	F411	Generalized anxiety disorder	0.82046
F1271*	Ment/beh dis syn cannab resd late psych	F900	Disturbance of activity and attention	0.82046
F1271*	Ment/beh dis syn cannab resd late psych	F901	Hyperkinetic conduct disorder	0.82046
F411	Generalized anxiety disorder	F900	Disturbance of activity and attention	0.81711
F411	Generalized anxiety disorder	F901	Hyperkinetic conduct disorder	0.81711
F840	Childhood autism	F900	Disturbance of activity and attention	2.78257
F840	Childhood autism	F901	Hyperkinetic conduct disorder	2.78257
F841	Atypical autism	F900	Disturbance of activity and attention	2.78257
F841	Atypical autism	F901	Hyperkinetic conduct disorder	2.78257
F842	Rett's syndrome	F900	Disturbance of activity and attention	2.78257
F842	Rett's syndrome	F901	Hyperkinetic conduct disorder	2.78257
F843	Other childhood disintegrative disorder	F900	Disturbance of activity and attention	2.78257
F843	Other childhood disintegrative disorder	F901	Hyperkinetic conduct disorder	2.78257
F844	Overact disrd w ment retard stereo move	F900	Disturbance of activity and attention	2.78257
F844	Overact disrd w ment retard stereo move	F901	Hyperkinetic conduct disorder	2.78257
F845	Asperger's syndrome	F900	Disturbance of activity and attention	2.78257
F845	Asperger's syndrome	F901	Hyperkinetic conduct disorder	2.78257
F848	Other pervasive developmental disorders	F900	Disturbance of activity and attention	2.78257
F848	Other pervasive developmental disorders	F901	Hyperkinetic conduct disorder	2.78257
F849	Pervasive developmental disorder NOS	F900	Disturbance of activity and attention	2.78257
F849	Pervasive developmental disorder NOS	F901	Hyperkinetic conduct disorder	2.78257

Note

* New codes in ICD-10-CA version 2022.

If you have questions

If you have any questions regarding these new codes, please contact the Case Mix team through the [eQuery tool](#) on our website.

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