

Appendix 2 (as supplied by the authors): CCI Codes for Breast Surgery Related Interventions and OHIP Codes for Metastatic Imaging

Part 1. Canadian Classification of Health Interventions (CCI) codes for breast related interventions	
Breast Procedure	CCI code
Mastectomy	
Excision total, breast	1YM89
Excision total with reconstruction, breast	1YM90
Excision radical, breast	1YM91
Excision radical with reconstruction, breast	1YM92
Breast Conserving Surgery	
Excision partial, breast	1YM87
Excision partial with reconstruction, breast	1YM88
Axillary lymph node dissection	
Partial (subtotal)	1MD87
Radical/total (all nodes plus surrounding tissue)	1MD89
Axillary lymph node biopsy	
Biopsy, axillary lymph nodes using percutaneous (needle) approach	2MD71HA
Biopsy, axillary lymph nodes using open approach	2MD71LA

Part 2. Ontario Health Insurance Plan (OHIP) fee codes for identifying metastatic imaging		
OHIP fee code	Body Site_Imaging Modality	Description
J105	OTHER_US	DIAG.ULTRA-HEAD&NECK-ECHOGRAPHY-FACE &/OR NECK-A/B SCAN.
J128	ABDOMEN_US	DIAG. ULTRASOUND-ABDOMEN-ABDOMINAL SCAN -LIMITED STUDY.
J135	ABDOMEN_US	DIAG.ULTRASOUND ABD./RETROPERIT-ABDOMIN.SCAN COMPLETE
J138	PELVIS_US	D&T ULTRASOUND-INTRACAVITY ULTRASOUND(TRANSRECTAL/VAG)
J161	PELVIS_US	INTRACAVITARY US LTD FOR OTHER THAN PREG
J162	PELVIS_US	D&T,ULTRASOUND-PELVIC COMP.
J163	PELVIS_US	PELVIS, LIMITED STUDY OTHER THAN PREGNANCY
J405	OTHER_US	D&T,ULTRA SOUND-ECHOGRAPHY P2-FACE &/NECK, EXC'L VAS.STUDY
J428	ABDOMEN_US	D&T,ULTRA SOUND-ABD.& RETROPERIT.P2-ABD.SCAN LIMITED STUDY
J435	ABDOMEN_US	D&T,ULTRA SOUND ABD.& RETROPERIT.P2-ABD.SCAN COMPLETE
J438	PELVIS_US	D&T,ULTRA SOUND-PELVIS-P2 INTRACAVITY U.S.(TRANSRECT/VAG)1PE
J461	PELVIS_US	INTRACAVITARY US LTD FOR OTHER THAN PREG

Appendix to: Simos D, Catley C, van Walraven C, et al. Imaging for distant metastases in women with early-stage breast cancer: a population-based cohort study. *CMAJ* 2015. DOI: 10.1503/cmaj.150003.

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J462	PELVIS_US	DIAG.ULTRA SOUND-PELVIS-P2,COMPLETE 1 PER CYCLE *
J463	PELVIS_US	PELVIS, LIMITED STUDY OTHER THAN PREGNANCY
J650	SKELETON_BONESCAN	NUCLEAR MED.WHOLE BODY SURVEY M.SK.
J651	SKELETON_BONESCAN	NUCLEAR MED.SPEC.SITE-ONE OR MORE M.SK
J700	WHOLE_BODY_PET	PET SCAN - SOLITARY PULMONARY NODULE (SPN)
J706	WHOLE_BODY_PET	PET SCAN - NON-SMALL CELL LUNG CANCER (NSCLC)
J819	SKELETON_BONESCAN	SPECT - PERMIT UP TO THREE CLAIMS WITH GALLIUM SCANS
J850	SKELETON_BONESCAN	NUCLEAR MED.CORRES.TO J650
J851	SKELETON_BONESCAN	NUCLEAR MED.CORRES.TO J651
J852	SKELETON_BONESCAN	NUCLEAR MED.CORRES.TO J652
J853	SKELETON_BONESCAN	NUCLEAR MED.CORRES.TO J653
X001	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SKULL-ROUTINE-FOUR VIEWS
X004	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-FACIAL BONES-MINIMUM THREE VIEWS
X006	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-MANDIBLE-MINIMUM THREE VIEWS
X007	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-TEMPOROMANDIBULAR JOINTS-MIN. 4 VIEWS
X009	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SKULL-FIVE OR MORE VIEWS
X012	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-MANDIBLE-FOUR OR MORE VIEWS
X025	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-CERVICAL SPINE TWO OR THREE VIEWS
X027	SKELETON_XRAY	DIAGNOS.RADIOLOGY.THORACIC SPINE TWO VIEWS
X028	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-LUMBAR/LUMBOSACRAL SPINE-2/3 VIEWS
X031	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SPINE-ORTHOENOTGENOGR 2 OR MORE VIEWS
X034	SKELETON_XRAY	DIAGNOS.RADIOLOGY SACRUM/COCCYX.TWO VIEWS
X035	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SACRO-ILIAC JOINTS-TWO/THREE VIEWS
X036	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-PELVIS &/OR HIP-SINGLE VIEW.
X037	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-PELVIS &/OR HIP-2 VIEWS.
X038	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-PELVIS & SACRO-ILIAC JOINT-3/MORE VIEWS
X039	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-RIBS-2 OR MORE VIEWS.
X040	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-STERNUM-MINIMUM-TWO VIEWS
X045	SKELETON_XRAY	DIAGNOS.RADIOLOGY.CLAVICLE.TWO VIEWS
X046	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-ACROMIOCLAVICULAR BIL. TWO VIEWS
X047	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-STERNOCLAVICULAR JOINTS-BIL-2 OR 3 VIEW
X048	SKELETON_XRAY	DIAGNOS RADIOLOGY SHOULDER TWO VIEWS
X049	SKELETON_XRAY	DIAGNOS.RADIOLOGY SCAPULA TWO VIEWS
X050	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-HUMERUS-INCL. 1 JOINT-2 VIEWS.
X051	SKELETON_XRAY	DIAGNOS.RADIOLOGY ELBOW TWO VIEWS
X053	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-WRIST-2/3 VIEWS.
X060	SKELETON_XRAY	DIAGNOS.RADIOLOGY.HIP(UNIL.)TWO OR MORE VIEWS
X063	SKELETON_XRAY	DIAGNOS.RADIOLOGY.FEMUR INCL.ONE JOINT.TWO VIEWS
X064	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-LEG LENGTH STUDIES-ORTHOENOTGENOGRAM
X065	SKELETON_XRAY	DIAGNOS.RADIOLOGY.KNEE(INCL.PATELLA)TWO VIEWS
X066	SKELETON_XRAY	DIAGNOS.RADIOLOGY.TIBIA&FIBULA INCL.ONE JOINT.TWO VIEWS

X069	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-FOOT-2/3 VIEWS.
X080	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SURVEY STUDY-OTHER-BASIC.
X081	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SURVEY STUDY-OTHER-PLUS PER FILM/VIEW.
X090	CHEST_XRAY	DIAGNOSTIC RADIOLOGY CHEST SINGLE VIEW
X091	CHEST_XRAY	DIAGNOSTIC RADIOLOGY CHEST 2 VIEWS
X092	CHEST_XRAY	DIAGNOSTIC RADIOLOGY CHEST 3 OR MORE VIEWS
X124	OTHER_CT	DIAGNOSTIC RADIOLOGY-NECK-WITH AND WITHOUT I.V.CONTRAST-C.T.T
X125	CHEST_CT	DIAGNOSTIC RADIOLOGY-THORAX-WITH AND WITHOUT I.V. CONT-C.T.T
X126	ABDOMEN_CT	DIAGNOSTIC RADIOLOGY-ABDOMEN-WITH /OUT I.V. CONTRAST C.T.T.
X127	SKELETON_CT	DIAGNOSTIC RADIOLOGY-EXTREM. WITH/OUT.I.V.CONTRAST.C.T.T
X128	SKELETON_CT	DIAG.RADIOLOGY-COMPUTED TOMOGRAPHY-SPINE-W&OUT I.V.CONTRAST
X188	BRAIN_CT	DIAGNOSTIC RADIOLOGY-HEAD-WITH/WITHOUT I.V.CONTRAST C.T.T.
X202	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-CERVICAL SPINE-FOUR/FIVE VIEWS
X203	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-CERVICAL SPINE-SIX OR MORE VIEWS
X204	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-THORACIC SPINE-THREE OR MORE VIEWS
X205	SKELETON_XRAY	DIAG.RADIOLOGY LUMBAR/LUMBOSACRAL SPINE 4/5 VIEWS
X206	SKELETON_XRAY	DIAG.RADIOLOGY LUMBAR/LUMBOSACRAL SPINE 6 OR MORE VIEWS
X207	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SACRUM/COCCYX-THREE OR MORE VIEWS
X208	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SACRO-ILIAC JOINTS-4/MORE VIEWS.
X210	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-ACROMIOCLAV. JOINTS-BIL-3 OR MORE VIEWS
X211	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-STERNOCLAV. JOINTS-BIL.-4 OR MORE VIEWS
X212	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-SHOULDER-THREE OR MORE VIEWS
X214	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-HUMERUS-INCL. 1 JOINT-3 OR MORE VIEWS.
X215	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-ELBOW-THREE/FOUR VIEWS
X223	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-FEMUR- INCL. 1 JOINT- 3 OR MORE VIEWS.
X224	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-KNEE & PATELLA-THREE OR FOUR VIEWS
X225	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-KNEE & PATELLA-FIVE OR MORE VIEWS
X226	SKELETON_XRAY	DIAGNOSTIC RADIOLOGY-TIBIA & FIBULA-INC 1JT.-3/MORE VIEWS.
X231	SKELETON_XRAY	DIAG.RAD.-X-RAY-PELVIS WITH I.V.CONTRAST
X232	PELVIS_CT	DIAG.RAD.-PELVIS WITH I.V. CONTRAST
X233	PELVIS_CT	DIAG RAD.-X-RAY PELVIS WITH/OUT I.V. CONTRAST
X400	BRAIN_CT	DIAG.RADIOLOGY-COMPUTED TOMOGRAHMY-HEAD-WITHOUT I.V.CONTRAST
X401	BRAIN_CT	DIAG.RADIOLOGY-COMPUTED TOMOGRAPHY-HEAD-WITH I.V.CONTRAST
X402	BRAIN_CT	DIAG.RAD.COMPUTED TOMOGRAPHY COMPLEX HEAD WITHOUT IV CONTRAS
X403	OTHER_CT	DIAG RADIOLOGY-COMPUTED TOMOGRAPHY-NECK-WITHOUT

		I.V.CONTRAST
X404	OTHER_XRAY	DIAG.RADIOLOGY-COMPUTED TOMOGRAPHY-NECK WITH I.V.CONTRAST
X405	BRAIN_CT	DIAG.RAD.COMPUTED TOMOGRAPHY COMPLEX HEAD &IV CONTRAST
X406	CHEST_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-THORAX-WITHOUT I.V.CONTR
X407	CHEST_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-THORAX-WITH I.V.CONTR.
X408	BRAIN_CT	DIAG.RAD.COMPUT.TOMOGRAPH COMPLEX HEAD WITH/OUT CONTRAST
X409	ABDOMEN_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-ABDOMEN-W'OUT I.V.CONTR.
X410	ABDOMEN_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-ABDOMEN-WITH I.V.CONTR.
X412	SKELETON_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-EXTREMITIES-W'OUT IV CON
X413	SKELETON_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-EXTREMITIES-WITH IV.CONT
X415	SKELETON_XRAY	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-SPINE-WITHOUT I.V.CONTR.
X416	SKELETON_CT	DIAG. RADIOLOGY-COMPUTED TOMOGRAPHY-SPINE-WITH I.V.CONTR.
X417	SKELETON_CT	THREE DIMENSIONAL CT ACQUISITION SEQUENCING
X421	BRAIN_MRI	DIAG.RAD.MAGNETIC RESONANCE IMAGING HEAD MULTISLICE S.E1-2EC
X425	BRAIN_MRI	MAGNET.RESONANCE IMAG.HEAD REPEAT(ANOTHER PLANE.DIFF.PULSE)
X431	OTHER_MRI	MAGNET.RESONANCE IMAG.NECK MULTISLICE S.E(10R2ECHOS)
X435	OTHER_MRI	MAGNET.RESONANCE IMAG.NECK.REP.(ANOTHER PLANE DIFF.PULSE)
X451	ABDOMEN_MRI	DIAG.RAD.MAGNET.RESONAN.IMAG.ABDOMEN MULTISLICE S.E(1-2ECHOS
X455	ABDOMEN_MRI	DIAG.RAD.MAGNET.RESONAN.IMAG.ABDOMEN REPEAT MAX.2
X461	PELVIS_MRI	DIAG.RAD.MAGNET.RESONAN.IMAG.PELVIS MULTISLICE S.E(1-2ECHOS)
X465	PELVIS_MRI	DIAG.RAD.MAGNET.RESONAN.IMAG.PELVIS REPEAT MAX.2
X471	SKELETON_MRI	DIAG.RAD.MAGNET.RESONAN.IMAG.EXTREMITIES MULTISLICE S.E(1-2E
X475	SKELETON_MRI	DIAG.RAD.MAGNET.RESONAN IMAG.EXTREMITIES REPEAT MAX.2
X487	SKELETON_MRI	WHEN GADOLINIUM IS USED, ADD
X488	SKELETON_MRI	IMAGING 2 OR MORE JOINTS-ONE SIT MULTISLICE SEQUENCE
X489	SKELETON_MRI	IMAGING 2 OR MORE JOINTS MULTISLICE SEQUENCE-REPEAT
X490	SKELETON_MRI	MAGNET.RESONANCE IMAG.LTD.SPINE ONE SEGMENT MULTISLICE SE
X492	SKELETON_XRAY	MAGNET.RESONANCE IMAG.LTD.SPINE ONE SEGMENT REPEAT
X493	SKELETON_XRAY	MAGNET.RESONANCE IMAG.INTERMEDIATE SPINE(2ADJ.SEG)MULTISL.SE

X495	SKELETON_MRI	MAGNET.RESONANCE IMAG.INTERMEDIATE SPINE(2ADJ.SEG)REPEAT
X496	SKELETON_MRI	MAGNET.RESONANCE IMAG.COMPLEX SPINE(2OR MORENONADJ.SEGS)SE
X498	SKELETON_MRI	MAGNET.RESONANCE IMAG COMPLEX SPINE(2OR MORE NONADJSEG)REP
X499	SKELETON_MRI	THREE DIMENSIONAL MRI ACQUISITION SEQUENCE
