

BMC2

Medications Data Dictionary (PCI)

Blue Cross Blue Shield of Michigan (BMC2)

PCI Registry

Data Collection Definitions

Definitions updated 12/14/2023

Medications

Data Abstraction Instructions:

Record for each medication if it was administered Pre, During, and Post, if it was Contraindicated, and also if it was Not Given. Record for each medication if it was prescribed Home (at admission), Discharge.

Selections:

- Home(Medications at Admission) = Prescribed medications the patient was taking prior to the current episode of care.
- Pre = Medications administered from admission, or previous procedure, to the start of the current procedure.
- Within 24 hours=administered within 24 hours of PCI procedure start and/or during PCI procedure.
- During =Medications administered during the time the patient was in the procedure area for the current procedure. (while patient is physically in the PCI lab, PVI lab, or operating room).
- Post = Medications administered from the time the patient has left the procedure area through discharge, or next procedure, whichever is first.
- Discharge = Prescribed medications on which the patient was discharged.
 - Pt. deceased or discharge location(NCDR V5 #10110) "other acute care hospital", AMA, or (NCDR V5 #10115) Hospice Care
- Contraindicated = History of allergy/reaction/sensitivity/intolerance to medication that is documented in the patient record or a physician dictation which states a contraindication.
- Not Given = If the drug was not administered to the patient at any time.

Supporting Definitions:

Vascular surgery discharge medications should not be entered on a patient that dies prior to discharge.

For Combination Therapy record as follows:

In case of combination drugs individual components should be recorded unless the specific option is available to select.

e.g., zestoretic is a combination of lisinopril and hydrochlorothiazide (HCTZ); this should be recorded as ACE inhibitor and diuretic.

e.g. entresto is a combination of sacubitril and valsartan, since entresto is a specific selection, this should be recorded as entresto.

NOTE: Medication lists provided are not all inclusive.

Required:

Yes

ACE Inhibitor

Data Abstraction Instructions:

Record if prescribed, not prescribed, or contraindicated.

Selections:

- Prescribed
- Not Prescribed
- Contraindicated

Supporting Definitions:

Benzapril
Lotensin

Benzapril + HCTZ*
Lotensin HCT

Benazapril + Amlodipine
Lotrel

Captopril
Capoten

Captopril + HCTZ*
Captozide

Cilazapril
Inhibace

Cilazapril + HCTZ*
Inhibace Plus

Enalapril
Vasotec, Epaned

Enalapril + HCTZ*
Vaseretic

Enalapril + Felodipine*
Lexxel

Fosinopril
Monopril

Fosinopril + HCTZ*
Monopril HCT

Lisinopril
Zestril, Prinivil, Qbrelis

Lisonopril + HCTZ*
Prinzide, Zestoretic, Qbrelis

Moexipril
Univasc

Moexipril + HCTZ*
Uniretic

Perindopril
Aceon

Quinapril
Accupril

Quinapril + HCTZ
Accuretic

Ramipril
Altace

Tradolapril
Mavik

Trandolapril/verapamil hydrochloride
Tarka

Required:
Yes

ARB

Data Abstraction Instructions:

Record if prescribed, not prescribed, or contraindicated.

Selections:

- Prescribed
- Not Prescribed
- Contraindicated

Supporting Definitions:

Candesartan
Atacand

Candesartan + HCTZ *
Atacand HCT

Eprosartan
Teveten

Eprosartan + HCTZ *
Teveten HTC

Irbesartan
Avapro

Irbesartan + HCTZ *
Avalide

Losartan
Cozaar

Losartan + HCTZ *
Hyzaar

Olmesartan
Benicar

Olmesartan + Amlodipine *
Azor

Olmesartan + HCTZ *
Benicar HCT

Olmesartan + Amlodipine + HCTZ *
Tribenzor

Telmisartan
Micardis

Telmisartan + HCTZ *
Micardis HCT

Valsartan
Diovan

Valsartan + HCTZ *
Diovan HCT

Valsartan + Amlodipine *
Exforge

Valsartan + Amlodipine + HCTZ *
Exforge HCT

Required:
Yes

Aldosterone Antagonist

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed

Selections:

At discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:**Generic Aldosterone Antagonists**

Brand Aldosterone Antagonists

eplerone

Inspra

finerenone

Kerendia

spironolactone

Aldactone

Required:

Yes

Aspirin

Data Abstraction Instructions:

Record if Given, Not Given, and/or Contraindicated.

Selections:

- Given
 - If given, choose all that apply.
- Not Given
- Contraindicated

Supporting Definitions:

To code "yes" for aspirin, the minimum dose should be at least 75mg.

Required:

Yes

Beta Blocker

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed

Selections:

At discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:

Generic Beta Blocker

Brand Beta Blocker

acebutolol

Scetral

atenolol

Tenormin

betaxolol

Kerlon

bisoprolol

Zebeta

carvedilol

Coreg, Coreg CR

esmolol

Brevibloc

labetolol

Normodyne

metoprolol

Toprol, Toprol XL, Loessor, Metoprolol Succinate ER, Metoprolol Tartrate

nadolol

Corgard

nebivolol

Bystolic

pindolol

Visken

propranolol

InnoPranXL, Inderol, Hemanogeol

sotalol

Sotal Hydrochloride AF, Betapace, Betapace AF

timolol

Blocadren

Required:
Yes

Bivalirudin (Angiomax)

Data Abstraction Instructions:

Record if administered.

Selections:

Record if administered. (PCI Only)

Selections:

- Given
 - If yes given, choose all that apply.
 - During
 - Post
- Not Given

Required:

Yes

Cangrelor (Kengreal)

Data Abstraction Instructions:

Record if administered. (PCI Only)

Selections:

- Given
 - If yes given, choose all that apply.
 - During
 - Post
- Not Given

Required:

Yes

Clopidogrel (Plavix)

Data Abstraction Instructions:

Record if Given, Not Given, and/or Contraindicated.

Selections:

- Given
 - If given, choose all that apply.
- Not Given
- Contraindicated

Required:

Yes

Entresto

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed

*DO NOT CAPTURE OTHER MEDICATIONS CONTAINING VARIOUS ANGIOTENSIN II RECEPTOR BLOCKER AGENTS
WE ARE COLLECTING THE COMBINATION OF SACUBITRIL AND VALSARTAN ONLY

Selections:

At discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:**Generic**

Brand

sacubitril and valsartan

Entresto

Required:

Yes

Eptifibatide (Integrilin)

Data Abstraction Instructions:

Record if administered.

Selections:

Record if administered. (PCI Only)

Selections:

- Given
 - If yes given, choose all that apply.
 - During
 - Post
- Not Given

Required:

Yes

GLP-1 At Admission

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed.

Selections:

At Admission

- Prescribed
- Not Prescribed

Supporting Definitions:

Generic	Brand GLP-1 Agonist
albiglutide	Tanzeum
dulaglutide	Trulicity
exenatide	Bydureon bcis, Byetta
liraglutide	Victoza, Saxenda
lixisenatide	Adlyxin
semaglutide	Ozempic, Rybelsus, Wegovy
tirzepatide	Zepbound, Mounjaro

Required:

Yes

GLP-1 At Discharge

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed.

Selections:

At Discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:

Generic	Brand GLP-1 Agonist
albiglutide	Tanzeum
dulaglutide	Trulicity
exenatide	Bydureon bcis, Byetta
liraglutide	Victoza, Saxenda
lixisenatide	Adlyxin
semaglutide	Ozempic, Rybelsus, Wegovy
tirzepatide	Zepbound, Mounjaro

Required:

Yes

Hydration

Data Abstraction Instructions:

Record given, not given and the number of ml/cc consumed (oral) or administered (IV).

Oral (PO) Hydration:

Pre includes any documented fluid intake consumed by the patient within 6 hours prior to procedure start.

Post includes any documented fluid intake consumed by the patient within 6 hours after procedure completion.

Intravenous (IV) Hydration:

Pre includes any documented normal saline (0.9NS), sodium bicarb (NaHCO₃) and/or dextrose 5% in 0.9 normal saline (D5.9NS) IV infusion administered within 6 hours prior to procedure start.

During includes any documented normal saline, sodium bicarb (NaHCO₃), and/or dextrose 5% in 0.9 normal saline (D5.9NS) IV infusion administered during the procedure.

Post includes any documented normal saline, sodium bicarb (NaHCO₃), and/or dextrose 5% in 0.9 normal saline (D5.9NS) administered within 6 hours after procedure end.

Selections:**Oral:**

- Given
 - 6hr pre ml or N/A
 - 6hr post ml or N/A
- Not Given

Intravenous:

- Given
 - 6hr pre ml or N/A
 - During ml or N/A
 - 6hr post ml or N/A
- Not given

Required:

Yes

Minimum:

1

Maximum:

15000

IV Heparin/Unfractionated Heparin

Data Abstraction Instructions:

Record if Heparin was administered IV, IC or IA (bolus during the procedure) to the patient after procedure completion. Do not include low dose (unfractionated) heparin given SQ for DVT prophylaxis.

BMC2 PCI IS ONLY CAPTURING THE POST TIMEFRAME FOR THIS FIELD.

Selections:

- Given
- Not Given

Required:

Yes

IV Nitroglycerin

Data Abstraction Instructions:

Record if IV Nitroglycerin was administered.

BMC2 PCI IS ONLY CAPTURING THE POST TIMEFRAME FOR THIS MEDICATION

PCI: Please only include nitroglycerine administered intravenously via continuous drip.

Selections:

- Given
- Not Given

Required:

Yes

IV Vasopressors

Data Abstraction Instructions:

Record if administered.

PCI: Excluded boluses doses administered only capture infusions administered.

Selections:

- Given
 - If given, choose all that apply.
- Not Given

Agent:

- Dopamine
- Norepinephrine
- Phenylephrine
- Other

Supporting Definitions:

Norepinephrine
Epinephrine
Dopamine
Phenylephrine
Vasopressin
Dobutamine
Giapreza (angiotensin II)

Required:

Yes

Icosapent Ethyl

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed.

Selections:

At Discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:

Icosapent Ethyl

Vascepa

Required:

Yes

NSAID

Data Abstraction Instructions:

Record if Given, Not Given

Record if Prescribed, Not Prescribed

***DO NOT INCLUDE ASPIRIN**

Selections:

At admission

- Given
- Not Given

At discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:

Generic NSAID	Brand NSAID
Choline and magnesium salicylates	CMT, Tricosal, Trilisate
Choline salicylate	Arthropan
Celecoxib	Celebrex
Diclofenac potassium	Cataflam
Diclofenac sodium	Voltaren, Voltaren XR
Diflunisal	Dolobid
Etodolac	Lodine, Lodine XL
Fenoprofen calcium	Nalfon
Flurbiprofen	Ansaid

Ibuprofen	Admit, Motrin, Motrin IB, Nuprin
Indomethacin	Indocin, Indocin SR
Ketoprofen	Actron, Orudis, Orudis KT, Oruvail
Ketorolac	Toradol
Magnesium salicylate	Arthritab, Bayer Selec, Doan's Pills , Magan, Mobidin, Mobogesic
Meclofenamate sodium	Meclomen
Mefenamic acid	Ponstel
Meloxicam	Mobic
Nabumetone	Relafen
Naproxen	Naprosyn, Naprelan
Naproxen sodium	Aleve, Anaprox
Oxaprozin	Daypro
Piroxican	Feldene
Salsalate	Amigesic, Anaflex 750, Disalacid, Mathritic, Mono-Gesic, Salflex, Salsitab
Sodium salicylate	various generics
Sulindac	Clinoril
Tolmetin sodium	Tolectin

Required:
Yes

Opioid

Data Abstraction Instructions:

Record if Given, Not Given

Record if Prescribed, Not Prescribed

Selections:

At admission

- Given
- Not Given

At discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:**Generic Opioid**

Brand Opioid

Codeine

various

Fentanyl

Actiq, Duragesic, Sublimaze

Hydrocodone

Vidodin, Norco, others

Hydromorphone

Dilaudid

Meperidine

Demerol

Methadone

Dolophine, Methadose

Morphine

Duramorph, MS Contin

Oxycodone

OxyContin, Percodan, Percocet

Oxymorphone

Opana

Tramadol (Ultram, Ultram ER)

Required:

Yes

PPI (Proton Pump Inhibitor)

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed

Selections:

- Prescribed
- Not Prescribed

Supporting Definitions:**Generic PPI**

Brand PPI

dexlansoprazole

Dexilent, Dexilent Solutab

esomeprazole

Nexium, Nexium 24 HR

lansoprazole

Prevacid, Prevacid 24-hour

omeprazole

Priolosec, Prilosec OTC

omeprazole/sodium bicarbonate

Zegerid, Zegerid OTC

pantoprazole

Protonix

rabeprazole

Aciphex, Aciphex Sprinkle

Required:

Yes

Prasugrel (Effient)

Data Abstraction Instructions:

Record if Given, Not Given, and/or Contraindicated.

Selections:

- Given
 - If given, choose all that apply.
- Not Given
- Contraindicated

Required:

Yes

SGLT2 Inhibitor

Data Abstraction Instructions:

Record if Prescribed, Not Prescribed

Selections:

At discharge:

- Prescribed
- Not Prescribed

Supporting Definitions:**Generic SGLT2i**

Brand name

Bexagliflozin

Brenzavvy

Canagliflozin and Metformin Hydrochloride

Invokamet

Canagliflozin and Metformin Hydrochloride XR

Invokamet XR

Canagliflozin

Invokana

Dapagliflozin

Farixaga

Dapagliflozin and Metformin Hydrochloride ER

Xigduo

Empagliflozin and Metformin Hydrochloride ER

Synjardy XR

Empagliflozin

Jardiance

Empagliflozin and Linagliptin

Glyxambi

Empagliflozin and Metformin Hydrochloride

Synjardy

Ertugliflozin and Sitagliptin

Steglujan

Ertugliflozin

Steglatro

Ertugliflozin and Metformin Hydrochloride

Segluromet

Sotagliflozin

Inpefa

Required:

Yes

Statin

Data Abstraction Instructions:

Record if Given, Not Given, and/or Contraindicated.

Selections:

- Given
 - If given, choose all that apply.
- Not Given
- Contraindicated

Supporting Definitions:

Atorvastatin	Lipitor
Fluvastatin	Lescol
Lovastatin	Mevacor
Pravastatin	Pravachol
Simvastatin	Zocor
Rosuvastatin	Crestor
Lovastatin + Niacin *	Advicor
Atorvastatin + Amlodipine *	Caduet
Simvastatin + Ezetimibe *	Vytorin
Simvastatin + Niacin *	Simcor
Pitavastatin	Livalo

Required:

Yes

Ticagrelor (Brilinta)

Data Abstraction Instructions:

Record if Given, Not Given, and/or Contraindicated.

Selections:

- Given
 - If given, choose all that apply.
- Not Given

Required:

Yes

Tirofiban (Aggrastat)

Data Abstraction Instructions:

Record if administered.

Selections:

Record if administered. (PCI Only)

Selections:

- Given
 - If yes given, choose all that apply.
 - During
 - Post
- Not Given

Required:

Yes