

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

Section Name: Header

#	Subsection	CRF Numbering	Caption	Definition	Codelist	Mandatory	Core
1		1	Reporting centre name			<input checked="" type="checkbox"/>	<input type="checkbox"/>
2		2	Patient Name	Name of patient		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Identification card number	3a	MyKad/MyKid	Identification card number of patient. Please provide at least one of the identification card number: MyKad or MyKid number, Old IC number, or Other Identification document number such as passport number or Armed Force ID number.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Identification card number	3b	Old IC	Identification card number of patient. Please provide at least one of the identification card number: MyKad or MyKid number, Old IC number, or Other Identification document number such as passport number or Armed Force ID number.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Identification card number	3c	Other ID document No	Identification card number of patient. Please provide at least one of the identification card number: MyKad or MyKid number, Old IC number, or Other Identification document number such as passport number or Armed Force ID number.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Identification card number	3d	Specify type (e.g. passport, armed force ID)	Identification card number of patient. Please provide at least one of the identification card number: MyKad or MyKid number, Old IC number, or Other Identification document number such as passport number or Armed Force ID number.	1: Registration number 2: Passport 3: Birth Certificate 4: Mother's I/C 5: Father's I/C 6: Armed Force ID 7: Work Permit # 8: Date of Birth 9: Lab number 10: Patient ID 99: Others 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7		4	Date of Follow Up	Follow up occurred at 6 months post admission, 12 months post admission		<input checked="" type="checkbox"/>	<input type="checkbox"/>
8		5	Type of follow up	Type of follow up (Follow up duration / period)	21: Notification 1: 30 days 31: 6 months 11: 1 year 99: Others 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

Section Name: Section 1 : Outcome

#	Subsection	CRF Numbering	Caption	Definition	Codelist	Mandatory	Core
1		1	Outcome	-Notification: Specify whether the patient was alive or dead at discharge from the hospitalization in which the procedure occurred. Choose one of the following: Alive / Died / Transferred to another centre -Follow Up: Patient outcome at Follow Up at 30 days / 6 or 12 months post admission	<Notif> 5: Alive 3: Death 2: Transferred to other centre 8888: Not available 9999: Missing <Follow Up> 5: Alive 3: Death 2: Transferred to other centre 4: Lost to follow up 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Alive - medication	1a.i	Aspirin		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
3	Alive - medication	1a.ii	Clopidogrel		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
4	Alive - medication	1a.iii	Ticlopidine		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
5	Alive - medication	1a.iv	Statin		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
6	Alive - medication	1a.v	Beta Blocker		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
7	Alive - medication	1a.vi	ACE Inhibitor		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
8	Alive - medication	1a.vii	ARB		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
9	Alive - medication	1a.viii	Warfarin		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
10	Alive - medication	1a.ix	Others		1: Yes 2: No 9999: Missing	<input type="checkbox"/>	<input type="checkbox"/>
11	Alive - medication	1a.x	Others, specify			<input type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

12	1b	Notif: Date of discharge / Date of death Follow Up: Date of death / Date of transfer / Date of last follow up	Notif: The date on which the patient was discharged from hospital. The date on which the patient expired. Notif: The date on which the patient expired / transferred to another centre / last follow up	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13	1c.i	Cause of death	The Primary cause of death of the patient i.e. the first significant abnormal event which ultimately led to death. Cardiac: Indicates that the cause of death was sudden death, MI, unstable angina or other CAD, heart failure or arrhythmia. Infection: Indicates an infective cause of death Vascular: Indicates a vascular cause of death e.g. arterial embolism, pulmonary embolism, ruptured aortic aneurysm or dissection. Renal: Indicates a renal cause of death Neurological: Indicates a neurologic cause of death e.g., stroke Pulmonary: Indicates a pulmonary cause of death e.g., respiratory failure, pneumonia Other: (specify) All other causes e.g., liver failure, trauma, cancer	1:Cardiac 2:Non cardiac 99:Other, specify 8888:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Cause of death	1c.ii	Others, specify	Other cause of death of the patient if none of the specified categories are applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15		1d	Name of centre		<input type="checkbox"/>	<input type="checkbox"/>

Section Name: Section 2 : Smoking Status

#	Subsection	CRF Numbering	Caption	Definition	Codelist	Mandatory	Core
1		1	Smoking Status	Indicate if the patient has a history confirming any form of tobacco use in the past. This includes use of cigarettes / cigars / pipes/ tobacco chewing. Categorised as: 'Never' defined as 'Patient has never smoked a tobacco product'; 'Former' defined as 'Patient has stopped smoking tobacco products greater than 30 days before this admission' and 'Current' defined as 'Patient regularly smokes a tobacco product / products one or more times per day or has smoked in the 30 days prior to this admission'	1: Never 2: Former (quit > 30 days) 3: Current (any tobacco use within last 30 days) 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section Name: Section 3 : Readmission

#	Subsection	CRF Numbering	Caption	Definition	Codelist	Mandatory	Core
---	------------	---------------	---------	------------	----------	-----------	------

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

1		1	Has the patient been readmitted to hospital?	Indicate if the patient had readmission	1: Yes 2: No 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Readmission	1a.i	Readmission Date	Date patient had readmission (dd/mm/yyyy)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Readmission	1a.ii	Readmission location	Readmission location		<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Readmission	1a.iii.1	Readmission reason	Reason for readmission	1: CHF 2: AMI 3: Recurrent angina 4: Arrhythmia 5: PCI-planned 6: PCI-unplanned 7: CABG 99: Others 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Readmission reason	1a.iii.c	Others, specify	Other reason for readmission if none of the specified categories are applicable		<input checked="" type="checkbox"/>	<input type="checkbox"/>
6		1a.iv	Canadian Cardiovascular Score (CCS)	Canadian Cardiovascular Angina Classification Score (CCS) of this patient. Categorized as Class O: Asymptomatic Class 1: Ordinary physical activity (for example, walking or climbing stairs) does not cause angina: angina occurs with strenuous or rapid or prolonged exertion at work or recreation. Class 2: Slight limitation of ordinary activity (for example, angina occurs walking or stair climbing after meals, in cold, in wind, under emotional stress, or only during the first few hours after waking: walking more than two blocks on the level or climbing more than 1 flight of ordinary stairs at a normal pace, and in normal conditions) Class 3: Marked limitation of ordinary activity (for example, angina occurs with walking 1 or 2 blocks on the level or climbing 1 flight of stairs in normal condition and at a normal pace) Class 4: Inability to perform any physical activity without discomfort: angina syndrome may be present at rest	1: CCS 1 2: CCS 2 3: CCS 3 4: CCS 4 5: Asymptomatic 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7		1a.v	Angiography	Indicate if Angiography was done at follow up visit	1: Yes 2: No 8888: Not Available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

8	1a.vi	Acute Myocardial Infarction	Indicate if acute myocardial infarction present	1: No 2: STEMI 3: NSTEMI 7777: Not applicable 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	1a.vii.1	PCI	Indicate if PCI was done at follow up	1: No 2: TLR 3: TVR 4: Non-TVR 7777: Not applicable 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	PCI	1a.vii.2 Lesion code (1-25)	Indicate the Lesion code (1-25) (if PCI = TLR); Categorised as:- 1. RCA prox - Right Coronary Artery proximal segment 2. RCA mid - Right Coronary Artery mid segment 3. RCA distal - Right Coronary Artery distal segment 4. PDA - Posterior Descending Artery 5. PLV - Posterior Left Ventricular Branch 6. LMCA left MAIN - Left Main Coronary artery 7. LAD prox - Left Anterior Descending artery proximal segment prior to 1st septal branch (CARDS) 8. LAD mid - Left Anterior Descending artery mid segment 9. LAD distal - Left Anterior Descending artery distal segment 10. D1 - First Diagonal Branch 11. D2 - Second or subsequent Diagonal Branch 12. D3 - Third or subsequent Diagonal Branch 13. LCX prox - Left Circumflex Artery proximal segment 14. LCX distal - Left Circumflex Artery distal segment 15. OM1 - First Obtuse Marginal Branch 16. OM2 - Second Obtuse Marginal Branch 17. OM3 - Third or subsequent Obtuse Marginal Branch 18. LIMA - Left Internal Mammary Artery Graft 19. RIMA - Right Internal Mammary Artery Graft 20. SVG1 - First Saphenous Vein Graft 21. SVG2 - Second Saphenous Vein Graft 22. SVG3 - Third Saphenous Vein Graft 23. RAD1 - First Radial Artery Graft 24. RAD2 - Second Radial Artery Graft 25. RAD3 - Third Radial Artery Graft	1: RCA prox 2: RCA mid 3: RCA distal 4: PDA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	1a.viii.1	CABG	Indicate if CABG	1: Yes 2: No 8888: Not Available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

12	CABG	1a.viii.2	TVR	Indicate if target vessel revascularization (TVR)	1: Yes 2: No 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13		1b.i	Readmission Date	Date patient had readmission (dd/mm/yyyy)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
14		1b.ii	Readmission location	Readmission location		<input checked="" type="checkbox"/>	<input type="checkbox"/>
15		1b.iii.1	Readmission reason	Reason for readmission	1: CHF 2:AMI 3: Recurrent angina 4: Arrhythmia 5: PCI-planned 6: PCI-unplanned 7: CABG 99: Others 8888:Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Readmission reason	1b.iii.c	Others, specify	Other reason for readmission if none of the specified categories are applicable		<input checked="" type="checkbox"/>	<input type="checkbox"/>
17		1b.iv	Canadian Cardiovascular Score (CCS)	Canadian Cardiovascular Angina Classification Score (CCS) of this patient. Categorised as Class O: Asymptomatic Class 1: Ordinary physical activity (for example, walking or climbing stairs) does not cause angina: angina occurs with strenuous or rapid or prolonged exertion at work or recreation. Class 2: Slight limitation of ordinary activity (for example, angina occurs walking or stair climbing after meals, in cold, in wind, under emotional stress, or only during the first few hours after waking: walking more than two blocks on the level or climbing more than 1 flight of ordinary stairs at a normal pace, and in normal conditions) Class 3: Marked limitation of ordinary activity (for example, angina occurs with walking 1 or 2 blocks on the level or climbing 1 flight of stairs in normal condition and at a normal pace) Class 4: Inability to perform any physical activity without discomfort: angina syndrome may be present at rest	1: CCS 1 2: CCS 2 3: CCS 3 4: CCS 4 5: Asymptomatic 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18		1b.v	Angiography	Indicate if Angiography was done at follow up visit	1: Yes 2: No 8888: Not Available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

19	1b.vi	Acute Myocardial Infarction	Indicate if acute myocardial infarction present	1: No 2: STEMI 3: NSTEMI 7777: Not applicable 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	1b.vii.1	PCI	Indicate if PCI was done at follow up	1: No 2: TLR 3: TVR 4: Non-TVR 7777: Not applicable 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21	PCI	1b.vii.2 Lesion code (1-25)	Indicate the Lesion code (1-25) (if PCI = TLR); Categorised as:- 1. RCA prox - Right Coronary Artery proximal segment 2. RCA mid - Right Coronary Artery mid segment 3. RCA distal - Right Coronary Artery distal segment 4. PDA - Posterior Descending Artery 5. PLV - Posterior Left Ventricular Branch 6. LMCA left MAIN - Left Main Coronary artery 7. LAD prox - Left Anterior Descending artery proximal segment prior to 1st septal branch (CARDS) 8. LAD mid - Left Anterior Descending artery mid segment 9. LAD distal - Left Anterior Descending artery distal segment 10. D1 - First Diagonal Branch 11. D2 - Second or subsequent Diagonal Branch 12. D3 - Third or subsequent Diagonal Branch 13. LCX prox - Left Circumflex Artery proximal segment 14. LCX distal - Left Circumflex Artery distal segment 15. OM1 - First Obtuse Marginal Branch 16. OM2 - Second Obtuse Marginal Branch 17. OM3 - Third or subsequent Obtuse Marginal Branch 18. LIMA - Left Internal Mammary Artery Graft 19. RIMA - Right Internal Mammary Artery Graft 20. SVG1 - First Saphenous Vein Graft 21. SVG2 - Second Saphenous Vein Graft 22. SVG3 - Third Saphenous Vein Graft 23. RAD1 - First Radial Artery Graft 24. RAD2 - Second Radial Artery Graft 25. RAD3 - Third Radial Artery Graft	1: RCA prox 2: RCA mid 3: RCA distal 4: PDA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22	1b.viii.1	CABG	Indicate if CABG	1: Yes 2: No 8888: Not Available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

23	CABG	1b.viii.2	TVR	Indicate if target vessel revascularization (TVR)	1: Yes 2: No 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24		1c.i	Readmission Date	Date patient had readmission (dd/mm/yyyy)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
25		1c.ii	Readmission location	Readmission location		<input checked="" type="checkbox"/>	<input type="checkbox"/>
26		1c.iii.1	Readmission reason	Reason for readmission	1: CHF 2: AMI 3: Recurrent angina 4: Arrhythmia 5: PCI-planned 6: PCI-unplanned 7: CABG 99: Others 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
27	Readmission reason	1c.iii.c	Others, specify	Other reason for readmission if none of the specified categories are applicable		<input checked="" type="checkbox"/>	<input type="checkbox"/>
28		1c.iv	Canadian Cardiovascular Score (CCS)	Canadian Cardiovascular Angina Classification Score (CCS) of this patient. Categorised as Class O: Asymptomatic Class 1: Ordinary physical activity (for example, walking or climbing stairs) does not cause angina: angina occurs with strenuous or rapid or prolonged exertion at work or recreation. Class 2: Slight limitation of ordinary activity (for example, angina occurs walking or stair climbing after meals, in cold, in wind, under emotional stress, or only during the first few hours after waking: walking more than two blocks on the level or climbing more than 1 flight of ordinary stairs at a normal pace, and in normal conditions) Class 3: Marked limitation of ordinary activity (for example, angina occurs with walking 1 or 2 blocks on the level or climbing 1 flight of stairs in normal condition and at a normal pace) Class 4: Inability to perform any physical activity without discomfort: angina syndrome may be present at rest	1: CCS 1 2: CCS 2 3: CCS 3 4: CCS 4 5: Asymptomatic 8888: Not available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
29		1c.v	Angiography	Indicate if Angiography was done at follow up visit	1: Yes 2: No 8888: Not Available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

National Cardiovascular Disease Database - PCI Registry

(Follow Up at 6 and 12 Months Form)

Data Definition Document

30	1c.vi	Acute Myocardial Infarction	Indicate if acute myocardial infarction present	1: No 2: STEMI 3: NSTEMI 7777: Not applicable 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31	1c.vii.1	PCI	Indicate if PCI was done at follow up	1: No 2: TLR 3: TVR 4: Non-TVR 7777: Not applicable 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32	PCI	1c.vii.2 Lesion code (1-25)	Indicate the Lesion code (1-25) (if PCI = TLR); Categorised as:- 1. RCA prox - Right Coronary Artery proximal segment 2. RCA mid - Right Coronary Artery mid segment 3. RCA distal - Right Coronary Artery distal segment 4. PDA - Posterior Descending Artery 5. PLV - Posterior Left Ventricular Branch 6. LMCA left MAIN - Left Main Coronary artery 7. LAD prox - Left Anterior Descending artery proximal segment prior to 1st septal branch (CARDS) 8. LAD mid - Left Anterior Descending artery mid segment 9. LAD distal - Left Anterior Descending artery distal segment 10. D1 - First Diagonal Branch 11. D2 - Second or subsequent Diagonal Branch 12. D3 - Third or subsequent Diagonal Branch 13. LCX prox - Left Circumflex Artery proximal segment 14. LCX distal - Left Circumflex Artery distal segment 15. OM1 - First Obtuse Marginal Branch 16. OM2 - Second Obtuse Marginal Branch 17. OM3 - Third or subsequent Obtuse Marginal Branch 18. LIMA - Left Internal Mammary Artery Graft 19. RIMA - Right Internal Mammary Artery Graft 20. SVG1 - First Saphenous Vein Graft 21. SVG2 - Second Saphenous Vein Graft 22. SVG3 - Third Saphenous Vein Graft 23. RAD1 - First Radial Artery Graft 24. RAD2 - Second Radial Artery Graft 25. RAD3 - Third Radial Artery Graft	1: RCA prox 2: RCA mid 3: RCA distal 4: PDA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
33	1c.viii.1	CABG	Indicate if CABG	1: Yes 2: No 8888: Not Available 9999: Missing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**National Cardiovascular Disease Database - PCI Registry
(Follow Up at 6 and 12 Months Form)
Data Definition Document**

34 CABG

1c.viii.2 TVR

Indicate if target vessel
revascularization (TVR)

1: Yes
2: No
9999: Missing

