



APPENDIX F: CASE REPORT FORM

NATIONAL CARDIOVASCULAR DISEASE DATABASE (PCI REGISTRY) NOTIFICATION FORM

For NCVD Use only:

Centre:
ID:

Instruction: Complete this form to notify all PCI admissions at your centre to NCVD PCI Registry. Where check boxes are provided, please check (✓) one or more boxes. Where radio buttons are provided, check (✓) only one option.

A. Date of Admission (dd/mm/yy): B. Time of Admission (hh:mm): : (in 24hr clock)

SECTION 1: DEMOGRAPHICS

1. Patient Name: <small>(as per MyKad / Other Document ID)</small>		2. Hospital RN :	
3. Identification Card Number:	MyKad: <input style="width: 40px;" type="text"/> - <input style="width: 40px;" type="text"/> - <input style="width: 40px;" type="text"/>	Old IC No.	<input style="width: 100px;" type="text"/>
	Other ID Document No. <input style="width: 100px;" type="text"/> →	Specify type : <small>(eg. passport, armed force ID)</small> <input style="width: 100px;" type="text"/>	
4. Gender:	<input type="radio"/> Male <input type="radio"/> Female	5. Nationality:	<input type="radio"/> Malaysian <input type="radio"/> Non Malaysian
6a. Date of Birth:	<input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> (write DOB as 01/01/yy if age is known)	6b. Age on admission:	<input style="width: 40px;" type="text"/> (auto calculate)
7. Ethnic Group:	<input type="radio"/> Malay <input type="radio"/> Punjabi <input type="radio"/> Melanau <input type="radio"/> Bidayah <input type="radio"/> Foreigner, specify country of origin: <input type="radio"/> Chinese <input type="radio"/> Orang Asli <input type="radio"/> Murut <input type="radio"/> Iban <input type="radio"/> Indian <input type="radio"/> Kadazan Dusun <input type="radio"/> Bajau <input type="radio"/> Other Malaysian, specify:		
8. Contact Number:	(1): <input style="width: 100px;" type="text"/>	(2): <input style="width: 100px;" type="text"/>	

SECTION 2 : STATUS BEFORE EVENT

1. Smoking status:	<input type="radio"/> Never <input type="radio"/> Former (quit >30 days) <input type="radio"/> Current (any tobacco use within last 30 days) <input type="radio"/> Not Available		
2. Medical history:			
a) Dyslipidaemia	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known	f) Documented Significant CAD	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known <small>(Presence of >50 % stenosis on CTA, angiogram, ischaemia on functional cardiac imaging such as nuclear, MRI, echo or positive treadmill test. High calcium score alone is not sufficient)</small>
b) Hypertension	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known	g) New onset angina (<2 weeks)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known
c) Diabetes	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known	h) History of heart failure	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known
<input type="checkbox"/> OHA <input type="checkbox"/> Insulin <input type="checkbox"/> Non pharmacology therapy/diet therapy		i) Cerebrovascular disease	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known
d) Family history of premature cardiovascular disease <small>(1st degree relative with either MI or stroke; <55 y/old if Male & <65 y/old if Female)</small>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known	j) Peripheral vascular disease	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known
e) Myocardial infarction history	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known	k) Chronic renal failure <small>(>200 µmol/L serum creatinine)</small>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not known On dialysis? <input type="radio"/> Yes <input type="radio"/> No

SECTION 3 : CLINICAL EXAMINATION and BASELINE INVESTIGATION

1. Anthropometric:	a. Height: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> (m) <input type="checkbox"/> Not Available	b. Weight: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> (kg) <input type="checkbox"/> Not Available	c. BMI: <input style="width: 40px;" type="text"/> (auto calculate)
	2. Heart rate (at start of PCI): <input style="width: 40px;" type="text"/> beats/min	3. Blood pressure (at start of PCI):	a. Systolic: <input style="width: 40px;" type="text"/> (mmHg) b. Diastolic: <input style="width: 40px;" type="text"/> (mmHg)
4. Fasting Blood Glucose: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> mmol/L <input type="checkbox"/> Not Available	5. Hb A1c: <input style="width: 40px;" type="text"/> % <input type="checkbox"/> Not Available	6b. LDL Levels: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> mmol/L <input type="checkbox"/> Not Available	
6a. Total cholesterol: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> mmol/L <input type="checkbox"/> Not Available	7. Baseline creatinine: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> µmol/L <input type="checkbox"/> Not Available	8. Baseline ECG: <input type="checkbox"/> Sinus rhythm <input type="checkbox"/> 2 nd /3 rd AVB <input type="checkbox"/> RBBB <input type="checkbox"/> Atrial Fibrillation <input type="checkbox"/> LBBB <input type="checkbox"/> ST Deviation (for GRACE Score)	
9. Non Invasive Test:	i) <input type="radio"/> Done → <input type="checkbox"/> Stress/ Exercise Test <input type="checkbox"/> Nuclear <input type="checkbox"/> MRI <input type="checkbox"/> Stress Echo <input type="checkbox"/> DSE <input type="checkbox"/> CT Scan <input type="radio"/> Not Done		ii) Functional Ischaemia <input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Equivocal
10. Glomerular Filtration Rate (GFR):	a. MDRD: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> mL/min/1.73m ² (auto calculate)	b. Cockcroft-Gault: <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> mL/min (auto calculate)	

Formula: GFR (Modification of Diet in Renal Disease (MDRD)) : $186 \times (\text{serum creatinine} [\mu\text{mol/L}] / 88.4)^{-1.154} \times (\text{age})^{-0.203} \times (0.742 \text{ if female})$
 GFR (Cockcroft-Gault formula) : Male : $1.23 \times (140 - \text{Age}) \times \text{Weight (kg)} / \text{serum Creatinine (micromol/L)}$
 Female : $1.04 \times (140 - \text{Age}) \times \text{Weight (kg)} / \text{serum Creatinine (micromol/L)}$

SECTION 4 : PREVIOUS INTERVENTIONS

1. Previous PCI:	2. Previous CABG:
<input type="radio"/> Yes <input type="radio"/> No Date of most recent PCI (dd/mm/yy): <input style="width: 40px;" type="text"/> / <input style="width: 40px;" type="text"/> / <input style="width: 40px;" type="text"/> <input type="checkbox"/> Not Available	<input type="radio"/> Yes <input type="radio"/> No Date of most recent CABG (dd/mm/yy): <input style="width: 40px;" type="text"/> / <input style="width: 40px;" type="text"/> / <input style="width: 40px;" type="text"/> <input type="checkbox"/> Not Available

a. Patient Name: _____	b. MyKad/Other ID No.: _____	c. Date of Procedure: _____
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SECTION 5 : CARDIAC STATUS AT PCI PROCEDURE

1. Angina type:	<input type="radio"/> None <input type="radio"/> Atypical <input type="radio"/> Typical		
2. Canadian Cardiovascular Score (CCS):	<input type="radio"/> Asymptomatic <input type="radio"/> CCS 1 <input type="radio"/> CCS 2 <input type="radio"/> CCS 3 <input type="radio"/> CCS 4		
3. NYHA:	<input type="radio"/> NYHA I <input type="radio"/> NYHA II <input type="radio"/> NYHA III <input type="radio"/> NYHA IV		
4. Killip Class (STEMI & NSTEMI)	<input type="radio"/> I No clinical signs of HF <input type="radio"/> III Acute Pulmonary Oedema (APO) <input type="radio"/> Not Applicable / Not Available <input type="radio"/> II Left Heart Failure (LHF) <input type="radio"/> IV Cardiogenic Shock		
5. Coronary Artery Disease (CAD) Presentation:	<input type="radio"/> STEMI <input type="radio"/> NSTEMI <input type="radio"/> UA <input type="radio"/> Chronic Stable Angina <div style="border: 1px dashed black; padding: 2px; display: inline-block;"> <input type="checkbox"/> Anterior <input type="checkbox"/> Lateral <input type="checkbox"/> Inferior <input type="checkbox"/> Others, specify: _____ <input type="checkbox"/> Posterior <input type="checkbox"/> Right sided <input type="checkbox"/> Left Main Stem </div>		
6. STEMI Event: (Please complete if <24 hrs since onset of STEMI symptoms)	a) STEMI onset:	i. Date: []/[]/[] (dd/mm/yy) <input type="checkbox"/> Not Applicable	ii. Time: []:[] (in 24hr clock)
	b) Arrival at first hospital (non PCI hospital):	i. Date: []/[]/[] (dd/mm/yy) <input type="checkbox"/> Not Applicable	ii. Time: []:[] (in 24hr clock)
	c) Arrival at PCI hospital:	i. Date: []/[]/[] (dd/mm/yy) <input type="checkbox"/> Not Applicable	ii. Time: []:[] (in 24hr clock)
	d) First device (balloon inflation/ stent/ aspiration):	i. Date: []/[]/[] (dd/mm/yy) <input type="checkbox"/> Not Applicable	ii. Time: []:[] (in 24hr clock)
	e) In hospital STEMI:	i. Date: []/[]/[] (dd/mm/yy) <input type="checkbox"/> Not Applicable	ii. Time: []:[] (in 24hr clock)
7. EF Status (at time of PCI procedure):	[] % (Do not use '>' or '<' symbol) <input type="checkbox"/> Not Available	8. Cardiac Arrest:	<input type="radio"/> Out of hospital <input type="radio"/> At admission (for GRACE score)
		9. GRACE Score: (only for STEMI & NSTEMI)	(auto calculate)

SECTION 6 : CATH LAB VISIT

1. a) Date of procedure: []/[]/[] (dd/mm/yy)	1. b) Time of procedure: []:[] (in 24hr clock)																														
2. PCI status	<input type="radio"/> Elective → <input type="radio"/> Staged PCI <input type="radio"/> Ad hoc <input type="radio"/> NSTEMI/UA → <input type="radio"/> Urgent (within 24hrs) <input type="radio"/> In hospital (> 24hrs) <input type="radio"/> PCI within 30days post event <input type="radio"/> STEMI → <input type="radio"/> Primary <input type="radio"/> Delayed Routine PCI <input type="radio"/> Rescue <input type="radio"/> Delayed Selective PCI <input type="radio"/> Pharmacoinvasive																														
3. Medication:	<table border="0" style="width:100%;"> <tr> <td style="width:30%;">a) <u>Thrombolytics</u></td> <td> <input type="radio"/> Yes → i) Time duration: <input type="radio"/> No </td> <td> <input type="radio"/> <3hrs <input type="radio"/> 12-24hrs <input type="radio"/> 3-6hrs <input type="radio"/> >24hrs <input type="radio"/> 6-12hrs </td> <td>ii) Types: <input type="radio"/> Streptokinase <input type="radio"/> tPA <input type="radio"/> Tenecteplase <input type="radio"/> Others, specify: _____ </td> </tr> <tr> <td>b) <u>IIb / IIIa Blockade</u></td> <td colspan="3"> <input type="radio"/> Yes → <input type="radio"/> Prior <input type="radio"/> During <input type="radio"/> After <input type="radio"/> No </td> </tr> <tr> <td>c) <u>Heparin</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> <td>d) <u>LMWH</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> </tr> <tr> <td>e) <u>Ticlopidine</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> <td>f) <u>Fondaparinux</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> </tr> <tr> <td>g) <u>Bivalirudin</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> <td>h) <u>Aspirin</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> </tr> <tr> <td>i) <u>Prasugrel</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> <td rowspan="2">k) <u>Clopidogrel</u></td> <td rowspan="2"> <input type="radio"/> Yes <input type="radio"/> No First/ Load dose: <input type="radio"/> 75mg <input type="radio"/> 300mg <input type="radio"/> 600mg <input type="radio"/> ≥1200mg </td> </tr> <tr> <td>j) <u>Ticagrelor</u></td> <td> <input type="radio"/> Yes <input type="radio"/> No </td> </tr> <tr> <td>l) Others</td> <td colspan="3"> <input type="radio"/> Yes, specify: <input type="radio"/> No </td> </tr> </table>	a) <u>Thrombolytics</u>	<input type="radio"/> Yes → i) Time duration: <input type="radio"/> No	<input type="radio"/> <3hrs <input type="radio"/> 12-24hrs <input type="radio"/> 3-6hrs <input type="radio"/> >24hrs <input type="radio"/> 6-12hrs	ii) Types: <input type="radio"/> Streptokinase <input type="radio"/> tPA <input type="radio"/> Tenecteplase <input type="radio"/> Others, specify: _____	b) <u>IIb / IIIa Blockade</u>	<input type="radio"/> Yes → <input type="radio"/> Prior <input type="radio"/> During <input type="radio"/> After <input type="radio"/> No			c) <u>Heparin</u>	<input type="radio"/> Yes <input type="radio"/> No	d) <u>LMWH</u>	<input type="radio"/> Yes <input type="radio"/> No	e) <u>Ticlopidine</u>	<input type="radio"/> Yes <input type="radio"/> No	f) <u>Fondaparinux</u>	<input type="radio"/> Yes <input type="radio"/> No	g) <u>Bivalirudin</u>	<input type="radio"/> Yes <input type="radio"/> No	h) <u>Aspirin</u>	<input type="radio"/> Yes <input type="radio"/> No	i) <u>Prasugrel</u>	<input type="radio"/> Yes <input type="radio"/> No	k) <u>Clopidogrel</u>	<input type="radio"/> Yes <input type="radio"/> No First/ Load dose: <input type="radio"/> 75mg <input type="radio"/> 300mg <input type="radio"/> 600mg <input type="radio"/> ≥1200mg	j) <u>Ticagrelor</u>	<input type="radio"/> Yes <input type="radio"/> No	l) Others	<input type="radio"/> Yes, specify: <input type="radio"/> No		
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j) <u>Ticagrelor</u>	<input type="radio"/> Yes <input type="radio"/> No																														
l) Others	<input type="radio"/> Yes, specify: <input type="radio"/> No																														
4. Planned duration of DAPT:	<input type="radio"/> 1 month <input type="radio"/> 6 months <input type="radio"/> >12 months <input type="radio"/> 3 months <input type="radio"/> 12 months <input type="radio"/> Not Available	5. Percutaneous entry:	<input type="checkbox"/> Brachial <input type="checkbox"/> Femoral <input type="checkbox"/> Radial <input type="checkbox"/> Ulnar																												
6. Closure device:	<input type="radio"/> No <input type="radio"/> Suture <input type="radio"/> Exoseal <input type="radio"/> Seal <input type="radio"/> Other, specify: _____	7. Coronary disease >50% stenosis:	<input type="checkbox"/> LAD <input type="checkbox"/> LCx <input type="checkbox"/> RCA <input type="checkbox"/> Graft <input type="checkbox"/> LMS																												
8. Fluoroscopy time:	[]:[] minutes <input type="checkbox"/> Not Available	9. Total dose:	[]:[] mGy <input type="checkbox"/> Not Available																												
10. Contrast volume:	[] ml <input type="checkbox"/> Not Available																														

a. Patient Name: _____ b. MyKad/Other ID No.: _____ c. Date of Procedure: _____

Instructions: 1. For skip lesion, please document as different lesions. Please check one lesion code per page (i.e. : for 2 lesions, please use 2 separate Section 7).
 2. Documented Ramus Intermediate Lesions as lesion code 15.
 3. For long lesion, please document as one single lesion.
 4. Please document intervention involves side branch as a second lesion.

SECTION 7 : PCI PROCEDURE DETAILS *(Complete for ALL interventions. Please use one form per lesion treated)*

<p>1. Total No. of lesion treated:</p> <p>2. Dominance: <input type="radio"/> Left <input type="radio"/> Right <input type="radio"/> Co-dominance</p> <p>3. Lesion code (1-25): <input type="text"/> to <input type="text"/> (if applicable)</p> <p>4. Coronary lesion: <input type="radio"/> De novo <input type="radio"/> Restenosis (no prior stent) <input type="radio"/> Stent thrombosis → <input type="radio"/> Acute <input type="radio"/> Late <input type="radio"/> Sub Acute <input type="radio"/> Very Late <input type="radio"/> In stent restenosis i. Duration: <input type="text"/> Year(s) <input type="text"/> Month(s) <i>(*Duration from the known previous procedure)</i> <input type="radio"/> Not available ii. Prior stent type: <input type="radio"/> DES <input type="radio"/> BMS <input type="radio"/> BVS <input type="radio"/> Mg <input type="radio"/> Others, specify:..... iii. Classification: <input type="radio"/> Class I (Focal ISR) <input type="radio"/> Class II ('Diffuse intrastent' ISR) <input type="radio"/> Class III ('Diffuse proliferative' ISR) <input type="radio"/> Class IV (ISR with 'total occlusion')</p>	<p style="text-align: center;"><i>(Please use one form for one lesion treated)</i></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>NATIVE</p> <p>Dominance: Right</p> </div> <div style="text-align: center;"> <p>Dominance: Left</p> </div> </div>	<p style="text-align: center;">GRAFT</p> <p>Graft PCI lesion codes 18-25. Also record grafted native coronary vessel</p> <table style="width:100%; border: none;"> <thead> <tr> <th style="text-align: center;">Graft</th><th style="text-align: center;">Target vessel</th><th style="text-align: center;">Graft</th><th style="text-align: center;">Target vessel</th><th style="text-align: center;">Graft</th><th style="text-align: center;">Target vessel</th></tr> </thead> <tbody> <tr> <td><input type="checkbox"/> 18 LIMA</td><td><input type="text"/></td><td><input type="checkbox"/> 21 SVG2</td><td><input type="text"/></td><td><input type="checkbox"/> 24 RAD2</td><td><input type="text"/></td></tr> <tr> <td><input type="checkbox"/> 19 RIMA</td><td><input type="text"/></td><td><input type="checkbox"/> 22 SVG3</td><td><input type="text"/></td><td><input type="checkbox"/> 25 RAD3</td><td><input type="text"/></td></tr> <tr> <td><input type="checkbox"/> 20 SVG1</td><td><input type="text"/></td><td><input type="checkbox"/> 23 RAD1</td><td><input type="text"/></td><td></td><td></td></tr> </tbody> </table>	Graft	Target vessel	Graft	Target vessel	Graft	Target vessel	<input type="checkbox"/> 18 LIMA	<input type="text"/>	<input type="checkbox"/> 21 SVG2	<input type="text"/>	<input type="checkbox"/> 24 RAD2	<input type="text"/>	<input type="checkbox"/> 19 RIMA	<input type="text"/>	<input type="checkbox"/> 22 SVG3	<input type="text"/>	<input type="checkbox"/> 25 RAD3	<input type="text"/>	<input type="checkbox"/> 20 SVG1	<input type="text"/>	<input type="checkbox"/> 23 RAD1	<input type="text"/>		
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<input type="checkbox"/> 20 SVG1	<input type="text"/>	<input type="checkbox"/> 23 RAD1	<input type="text"/>																							
<p>5. Lesion type: <input type="radio"/> A <input type="radio"/> B1 <input type="radio"/> B2 <input type="radio"/> C</p> <p>6. Location in graft: (complete for graft PCI only) <input type="radio"/> Ostial <input type="radio"/> Native <input type="radio"/> Body <input type="radio"/> Anastomosis</p> <p>7. Lesion description: <i>[if intervention involved bifurcation lesion, please record information of side branch (SB) using a separate form Section 7.1 A or B]</i> <input type="checkbox"/> Ostial <input type="checkbox"/> CTO>3mo <input type="checkbox"/> Calcified lesion <input type="checkbox"/> LMS <input type="checkbox"/> Thrombus <input type="checkbox"/> Not Applicable <input type="checkbox"/> Bifurcation → a) <input type="radio"/> SB Treated (only if SB ≥ 2.0mm) <input type="radio"/> SB Not treated b) Medina Classification: <table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding-right: 5px;">i) MB prox.:</td><td><input type="radio"/> 0</td><td style="padding-right: 5px;">ii) MB dist.:</td><td><input type="radio"/> 0</td></tr> <tr> <td></td><td><input type="radio"/> 1</td><td></td><td><input type="radio"/> 1</td></tr> <tr> <td>iii) SB1:</td><td><input type="radio"/> 0</td><td>iv) SB2:</td><td><input type="radio"/> 0</td></tr> <tr> <td></td><td><input type="radio"/> 1</td><td></td><td><input type="radio"/> 1</td></tr> </table> </p>	i) MB prox.:	<input type="radio"/> 0	ii) MB dist.:	<input type="radio"/> 0		<input type="radio"/> 1		<input type="radio"/> 1	iii) SB1:	<input type="radio"/> 0	iv) SB2:	<input type="radio"/> 0		<input type="radio"/> 1		<input type="radio"/> 1	<p>17. Stent / DEB details per lesion: <i>(please refer instruction sheet for stent codes)</i></p> <p>a. Stent code #1 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/></p> <p>a. Stent code #2 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/></p> <p>a. Stent code #3 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/></p> <p>a. Stent code #4 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/></p> <p>a. Stent code #5 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/></p> <p>a. Stent code #6 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/></p>									
i) MB prox.:	<input type="radio"/> 0	ii) MB dist.:	<input type="radio"/> 0																							
	<input type="radio"/> 1		<input type="radio"/> 1																							
iii) SB1:	<input type="radio"/> 0	iv) SB2:	<input type="radio"/> 0																							
	<input type="radio"/> 1		<input type="radio"/> 1																							
<p>8. Pre PCI % of stenosis: <input type="text"/> % TIMI Flow <input type="radio"/> TIMI-0 <input type="radio"/> TIMI-1 (pre): <input type="radio"/> TIMI-2 <input type="radio"/> TIMI-3</p> <p>9. Post PCI % of stenosis: <input type="text"/> % TIMI Flow <input type="radio"/> TIMI-0 <input type="radio"/> TIMI-1 (post): <input type="radio"/> TIMI-2 <input type="radio"/> TIMI-3</p> <p>10. Estimated Lesion Length: <input type="text"/> mm</p> <p>11. Perforation: <input type="radio"/> Yes <input type="radio"/> No i) Classification <input type="radio"/> Type I (extraluminal crater without extravasation) <input type="radio"/> Type II (pericardial or myocardial blushing) <input type="radio"/> Type III (perforation ≥1mm diameter with contrast streaming) <input type="radio"/> Cavity spilling</p>	<p>18. Maximum balloon:</p> <p>a) Predilatation: i) Size: <input type="text"/> . <input type="text"/> mm ii) Types: <input type="checkbox"/> Regular <input type="checkbox"/> NC <input type="checkbox"/> Cutting <input type="checkbox"/> Scoring</p> <p>b) Postdilatation: i) Size: <input type="text"/> . <input type="text"/> mm ii) Pressure: <input type="text"/> atm</p>																									
<p>12. French Size: (i) <input type="radio"/> Guiding catheter (ii) <input type="radio"/> Guiding sheath (ii) <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> Other, specify:</p> <p>(iii) Types of guiding catheter:</p>	<p>19. Intracoronary devices used:</p> <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> IVUS</td><td><input type="checkbox"/> Angiojet</td><td><input type="checkbox"/> Embolic Protection</td></tr> <tr> <td><input type="checkbox"/> OCT</td><td><input type="checkbox"/> Rotablator</td><td style="text-align: center;">↓ <input type="radio"/> Filter <input type="radio"/> Proximal</td></tr> <tr> <td><input type="checkbox"/> FFR</td><td><input type="checkbox"/> Extension catheter</td><td></td></tr> <tr> <td><input type="checkbox"/> Aspiration catheter</td><td><input type="checkbox"/> Coil</td><td></td></tr> <tr> <td><input type="checkbox"/> POBA</td><td><input type="checkbox"/> Double Lumen micro catheter</td><td></td></tr> <tr> <td><input type="checkbox"/> Micro catheter</td><td><input type="checkbox"/> Others,specify:</td><td></td></tr> </table>		<input type="checkbox"/> IVUS	<input type="checkbox"/> Angiojet	<input type="checkbox"/> Embolic Protection	<input type="checkbox"/> OCT	<input type="checkbox"/> Rotablator	↓ <input type="radio"/> Filter <input type="radio"/> Proximal	<input type="checkbox"/> FFR	<input type="checkbox"/> Extension catheter		<input type="checkbox"/> Aspiration catheter	<input type="checkbox"/> Coil		<input type="checkbox"/> POBA	<input type="checkbox"/> Double Lumen micro catheter		<input type="checkbox"/> Micro catheter	<input type="checkbox"/> Others,specify:							
<input type="checkbox"/> IVUS	<input type="checkbox"/> Angiojet	<input type="checkbox"/> Embolic Protection																								
<input type="checkbox"/> OCT	<input type="checkbox"/> Rotablator	↓ <input type="radio"/> Filter <input type="radio"/> Proximal																								
<input type="checkbox"/> FFR	<input type="checkbox"/> Extension catheter																									
<input type="checkbox"/> Aspiration catheter	<input type="checkbox"/> Coil																									
<input type="checkbox"/> POBA	<input type="checkbox"/> Double Lumen micro catheter																									
<input type="checkbox"/> Micro catheter	<input type="checkbox"/> Others,specify:																									
<p>13. Was lesion treated? <input type="radio"/> Yes <input type="radio"/> No</p> <p>14. Lesion result: <input type="radio"/> Successful <input type="radio"/> Unsuccessful</p> <p>15. Dissection: (Post procedure) <input type="radio"/> Yes → <input type="radio"/> Flow limiting <input type="radio"/> Non flow limiting <input type="radio"/> No</p> <p>16. Slow Flow/ No reflow: <input type="radio"/> Yes → <input type="radio"/> Transient <input type="radio"/> Persistent <input type="radio"/> No</p>	<p>20. Other adjunctive procedure: <input type="radio"/> Yes → <input type="checkbox"/> Ventilator <input type="checkbox"/> Temporary Cardiac Pacing Wire <input type="radio"/> No</p> <p>21. Circulatory support: <input type="radio"/> Yes → <input type="checkbox"/> IABP <input type="checkbox"/> Impella <input type="checkbox"/> ECMO <input type="checkbox"/> PCPS <input type="radio"/> No</p> <p>22. Direct stenting: <input type="radio"/> Yes <input type="radio"/> No</p>																									

SECTION 8 : PROCEDURAL COMPLICATION

1. Outcome:

a. <u>Significant Periprocedural MI</u> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Available <input type="checkbox"/> Rise in CK/CKMB > x3 URL <input type="checkbox"/> Rise in Troponin > x5 URL <input type="checkbox"/> ECG changes		c. <u>Bail-out CABG</u> <input type="radio"/> Yes <input type="radio"/> No
b. <u>Emergency Reintervention / PCI</u> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Available		d. <u>Cardiogenic shock</u> <input type="radio"/> Yes <input type="radio"/> No
i) <u>Stent thrombosis</u> <input type="radio"/> Yes <input type="radio"/> No iv) <u>Coronary perforation</u> <input type="radio"/> Yes <input type="radio"/> No		e. <u>Arrhythmia (VT/VF/Brady)</u> <input type="radio"/> Yes <input type="radio"/> No
ii) <u>Dissection</u> <input type="radio"/> Yes <input type="radio"/> No v) <u>New ischaemia</u> <input type="radio"/> Yes <input type="radio"/> No		f. <u>TIA / Stroke</u> <input type="radio"/> Yes <input type="radio"/> No
iii) <u>Cardiac perforation</u> <input type="radio"/> Yes <input type="radio"/> No vi) <u>Cardiac tamponade</u> <input type="radio"/> Yes <input type="radio"/> No		g. <u>Tamponade</u> <input type="radio"/> Yes <input type="radio"/> No
		h. <u>Contrast reaction</u> <input type="radio"/> Yes <input type="radio"/> No
		i. <u>New onset / worsened heart failure</u> <input type="radio"/> Yes <input type="radio"/> No
		j. <u>Worsening renal impairment</u> <input type="radio"/> Yes <input type="radio"/> No <i>(rise of post procedural creatinine >25% from baseline)</i>

2. Vascular complications:

a. <u>Bleeding</u>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Minimal (non-CNS bleeding, non-overt bleeding, < 3g/dL Hb) <input type="radio"/> Minor (non-CNS bleeding with 3-5g/dL Hb drop) <input type="radio"/> Major (any intracranial bleed or other bleeding ≥ 5g/dL Hb drop) Bleeding site: <input type="radio"/> Retroperitoneal <input type="radio"/> Percutaneous entry site <input type="radio"/> Others, specify:
b. <u>RBC/ Whole Blood Transfusion</u>	<input type="radio"/> Yes <input type="radio"/> No
c. <u>Access site occlusion</u>	<input type="radio"/> Yes <input type="radio"/> No
d. <u>Loss of radial pulse</u>	<input type="radio"/> Yes <input type="radio"/> No
e. <u>Dissection</u>	<input type="radio"/> Yes <input type="radio"/> No
f. <u>Pseudoaneurysm</u>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Ultrasound compression <input type="radio"/> Surgery <input type="radio"/> Others, specify:
g. <u>Perforation</u>	<input type="radio"/> Yes <input type="radio"/> No

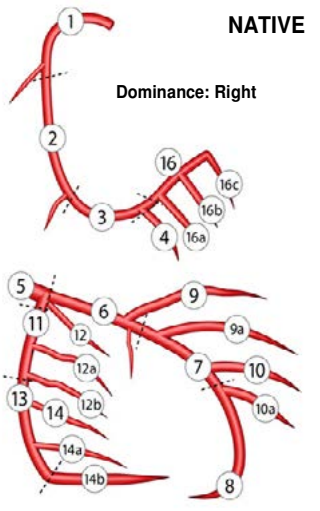
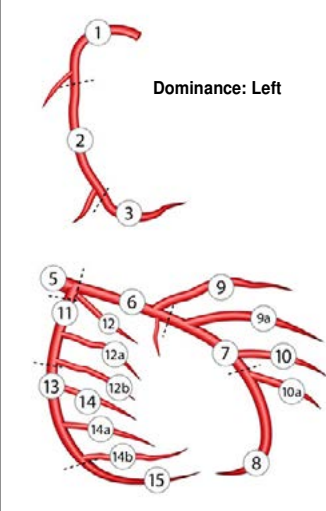
SECTION 9 : IN-HOSPITAL OUTCOME

1. Outcome:

<input type="radio"/> Alive	→ a) <u>Date of Discharge (dd/mm/yy):</u> <input type="text"/> / <input type="text"/> / <input type="text"/>																																									
	b) Medication: Yes No Yes No <table border="1"> <tr><td>Aspirin</td><td><input type="radio"/></td><td><input type="radio"/></td><td>Statin</td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>Clopidogrel</td><td><input type="radio"/></td><td><input type="radio"/></td><td>Beta Blocker</td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>Ticlopidine</td><td><input type="radio"/></td><td><input type="radio"/></td><td>ACE inhibitor</td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>Warfarin</td><td><input type="radio"/></td><td><input type="radio"/></td><td>ARB</td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>Prasugrel</td><td><input type="radio"/></td><td><input type="radio"/></td><td>Other antiplatelet, specify:.....</td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>Ticagrelor</td><td><input type="radio"/></td><td><input type="radio"/></td><td>Others, specify:</td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>NOAC</td><td><input type="radio"/></td><td><input type="radio"/></td><td></td><td></td><td></td></tr> </table>	Aspirin	<input type="radio"/>	<input type="radio"/>	Statin	<input type="radio"/>	<input type="radio"/>	Clopidogrel	<input type="radio"/>	<input type="radio"/>	Beta Blocker	<input type="radio"/>	<input type="radio"/>	Ticlopidine	<input type="radio"/>	<input type="radio"/>	ACE inhibitor	<input type="radio"/>	<input type="radio"/>	Warfarin	<input type="radio"/>	<input type="radio"/>	ARB	<input type="radio"/>	<input type="radio"/>	Prasugrel	<input type="radio"/>	<input type="radio"/>	Other antiplatelet, specify:.....	<input type="radio"/>	<input type="radio"/>	Ticagrelor	<input type="radio"/>	<input type="radio"/>	Others, specify:	<input type="radio"/>	<input type="radio"/>	NOAC	<input type="radio"/>	<input type="radio"/>		
Aspirin	<input type="radio"/>	<input type="radio"/>	Statin	<input type="radio"/>	<input type="radio"/>																																					
Clopidogrel	<input type="radio"/>	<input type="radio"/>	Beta Blocker	<input type="radio"/>	<input type="radio"/>																																					
Ticlopidine	<input type="radio"/>	<input type="radio"/>	ACE inhibitor	<input type="radio"/>	<input type="radio"/>																																					
Warfarin	<input type="radio"/>	<input type="radio"/>	ARB	<input type="radio"/>	<input type="radio"/>																																					
Prasugrel	<input type="radio"/>	<input type="radio"/>	Other antiplatelet, specify:.....	<input type="radio"/>	<input type="radio"/>																																					
Ticagrelor	<input type="radio"/>	<input type="radio"/>	Others, specify:	<input type="radio"/>	<input type="radio"/>																																					
NOAC	<input type="radio"/>	<input type="radio"/>																																								
<input type="radio"/> Death	→ a) <u>Date of Death (dd/mm/yy):</u> <input type="text"/> / <input type="text"/> / <input type="text"/>																																									
	b) Primary cause of death: <input type="radio"/> Cardiac <input type="radio"/> Renal <input type="radio"/> Others, specify: <input type="radio"/> Infection <input type="radio"/> Neurological <input type="radio"/> Vascular <input type="radio"/> Pulmonary																																									
	c) Location of death: <input type="radio"/> In Lab <input type="radio"/> Out of Lab																																									
<input type="radio"/> Transferred to other hospital	→ a) <u>Date of Transfer (dd/mm/yy):</u> <input type="text"/> / <input type="text"/> / <input type="text"/>																																									
	b) Name of hospital:																																									

SECTION 7.1 A: ADVANCED PCI PROCEDURE DETAILS (NON LMS BIFURCATION LESION FOR SIDE BRANCH)

Instructions: 1. Please fill up this section for when non LMS Bifurcation Side Branch treated.
 2. If non LMS bifurcation side branch is not treated, please fill up no. 1, 2, 3, 5, 7, 8, 9 and 10.

1. Lesion code (1-25): <input type="text"/> to <input type="text"/> (if applicable)		 <p>NATIVE Dominance: Right</p>  <p>Dominance: Left</p>	
2. Coronary lesion:		10. Perforation:	
<input type="radio"/> De novo <input type="radio"/> Restenosis (no prior stent) <input type="radio"/> Stent thrombosis → <input type="radio"/> Acute <input type="radio"/> Late <input type="radio"/> Sub Acute <input type="radio"/> Very Late <input type="radio"/> In stent restenosis ↳ i. Duration: <input type="text"/> Year(s) <input type="text"/> Month(s) <input type="radio"/> Not available (*Duration from the known previous procedure) ii. Prior stent type: <input type="radio"/> DES <input type="radio"/> BMS <input type="radio"/> BVS <input type="radio"/> Mg <input type="radio"/> Others, specify:..... iii. Classification: <input type="radio"/> Class I (Focal ISR) <input type="radio"/> Class II (Diffuse intrastent ISR) <input type="radio"/> Class III (Diffuse proliferative ISR) <input type="radio"/> Class IV (ISR with 'total occlusion')		<input type="radio"/> Yes <input type="radio"/> No ↳ i) Classification <input type="radio"/> Type I (extraluminal crater without extravasation) <input type="radio"/> Type II (pericardial or myocardial blushing) <input type="radio"/> Type III (perforation ≥ 1mm diameter with contrast streaming) <input type="radio"/> Cavity spilling	
3. Lesion description:		11. Lesion result:	
<input type="checkbox"/> CTO > 3mo <input type="checkbox"/> Calcified lesion <input type="checkbox"/> Thrombus <input type="checkbox"/> Not Applicable		<input type="radio"/> Successful <input type="radio"/> Unsuccessful	
4. Size SB (mm):		12. Dissection: (Post Procedure):	
<input type="radio"/> 2.0 - 2.5 <input type="radio"/> >2.5		<input type="radio"/> Yes → <input type="radio"/> Flow limiting <input type="radio"/> Non flow limiting <input type="radio"/> No	
5. Estimated lesion length:		13. Slow Flow/ No reflow:	
<input type="text"/> mm		<input type="radio"/> Yes → <input type="radio"/> Transient <input type="radio"/> Persistent <input type="radio"/> No	
6. Pre PCI % of stenosis:		14. Final Kissing:	
<input type="text"/> % TIMI Flow <input type="radio"/> TIMI-0 <input type="radio"/> TIMI-1 (pre): <input type="radio"/> TIMI-2 <input type="radio"/> TIMI-3		<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Failed	
7. Post PCI % of stenosis:		15. Stent / DEB details per lesion: (please refer instruction sheet for stent codes)	
<input type="text"/> % TIMI Flow <input type="radio"/> TIMI-0 <input type="radio"/> TIMI-1 (post): <input type="radio"/> TIMI-2 <input type="radio"/> TIMI-3		a. Stent code #1 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/>	
8. Protect with wire:		a. Stent code #2 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/>	
<input type="radio"/> Yes <input type="radio"/> No		a. Stent code #3 <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/>	
9. Bifurcation techniques:		16. Maximum balloon:	
<input type="radio"/> 1 stent → <input type="radio"/> Simple cross over <input type="radio"/> Ostial Stenting <input type="radio"/> Simple cross over with kissing balloon <input type="radio"/> Simple cross over with drug eluting balloon side branch <input type="checkbox"/> Proximal optimisation technique (POT)		a) Predilatation: i) Size: <input type="text"/> . <input type="text"/> mm ii) Types: <input type="checkbox"/> Regular <input type="checkbox"/> NC <input type="checkbox"/> Cutting <input type="checkbox"/> Scoring b) Postdilatation: i) Size: <input type="text"/> . <input type="text"/> mm ii) Pressure: <input type="text"/> atm	
<input type="radio"/> 2 stents → a. <input type="radio"/> Planned <input type="radio"/> Provisional ↳ b. <input type="radio"/> Cullote <input type="radio"/> Double kiss crush <input type="radio"/> Crush <input type="radio"/> Reverse crush <input type="radio"/> Mini crush <input type="radio"/> T <input type="radio"/> Double barrel Y <input type="radio"/> Small protrusion (TAP) <input type="radio"/> Dedicated bifurcation stent <input type="radio"/> v <input type="checkbox"/> Proximal optimisation technique (POT) <input type="radio"/> Others, specify: _____		17. Intracoronary devices used:	
		<input type="checkbox"/> IVUS <input type="checkbox"/> Micro catheter <input type="checkbox"/> Double Lumen micro catheter <input type="checkbox"/> OCT <input type="checkbox"/> Angiojet <input type="checkbox"/> Others,specify: _____ <input type="checkbox"/> FFR <input type="checkbox"/> Rotablator <input type="checkbox"/> Aspiration catheter <input type="checkbox"/> Extension catheter <input type="checkbox"/> POBA <input type="checkbox"/> Coil	

a. Patient Name: _____	b. MyKad/Other ID No.: _____	c. Date of Procedure: _____
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SECTION 7.1 B: ADVANCED PCI PROCEDURE DETAILS (FOR LEFT MAIN STEM)

1. LMS intervention: <input type="radio"/> Unprotected <input type="radio"/> Protected	2. Location: <input type="checkbox"/> Ostial <input type="checkbox"/> Mid <input type="checkbox"/> Distal & Bifurcation
3. IVUS guided: <input type="radio"/> Yes <input type="radio"/> No	4. OCT guided: <input type="radio"/> Yes <input type="radio"/> No
5. CSA intervention: a. Pre: <input type="text"/> <input type="text"/> . <input type="text"/> mm ²	b. Post: <input type="text"/> <input type="text"/> . <input type="text"/> mm ²
6. Side branch wire protected: <input type="radio"/> Yes <input type="radio"/> No	7. Final kissing: <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Failed

8. Techniques:

<input type="radio"/> 1 stent <input type="radio"/> Simple cross over <input type="radio"/> Ostial Stenting <input type="radio"/> Simple cross over with kissing balloon <input type="radio"/> Simple cross over with drug eluting balloon SB	<input type="radio"/> 2 stents a. <input type="radio"/> Planned <input type="radio"/> Provisional b. <input type="radio"/> Cullote <input type="radio"/> Double kiss crush <input type="radio"/> Crush <input type="radio"/> Reverse crush <input type="radio"/> Mini crush <input type="radio"/> Small protrusion (TAP) <input type="radio"/> Double barrel Y <input type="radio"/> T <input type="radio"/> Dedicated bifurcation stent <input type="radio"/> V <input type="radio"/> Others, specify: _____
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Instructions: 1. Please fill up this section for Distal & Bifurcation.
 2. If not treated, please fill up no. 1, 2, 3, 5, 7, 8, 9 and 10.

1. Lesion code (1-25): <input type="text"/> to <input type="text"/> (if applicable)	Dominance: Right NATIVE Dominance: Left
2. Coronary lesion: <input type="radio"/> De novo <input type="radio"/> Restenosis (no prior stent) <input type="radio"/> Stent thrombosis → <input type="radio"/> Acute <input type="radio"/> Late <input type="radio"/> Sub Acute <input type="radio"/> Very Late <input type="radio"/> In stent restenosis i. Duration: <input type="text"/> Year(s) <input type="text"/> Month(s) <i>(*Duration from the known previous procedure)</i> <input type="radio"/> Not available ii. Prior stent type: <input type="radio"/> DES <input type="radio"/> BMS <input type="radio"/> BVS <input type="radio"/> Mg <input type="radio"/> Others, specify:..... iii. Classification: <input type="radio"/> Class I (Focal ISR) <input type="radio"/> Class II ('Diffuse intrastent' ISR) <input type="radio"/> Class III ('Diffuse proliferative' ISR) <input type="radio"/> Class IV (ISR with 'total occlusion')	
	10. Perforation: <input type="radio"/> Yes <input type="radio"/> No i) Classification <input type="radio"/> Type I (extraluminal crater without extravasation) <input type="radio"/> Type II (pericardial or myocardial blushing) <input type="radio"/> Type III (perforation ≥1mm diameter with contrast streaming) <input type="radio"/> Cavity spilling
	11. Lesion result: <input type="radio"/> Successful <input type="radio"/> Unsuccessful
3. Lesion description: <input type="checkbox"/> CTO>3mo <input type="checkbox"/> Calcified lesion <input type="checkbox"/> Thrombus <input type="checkbox"/> Not Applicable	12. Dissection: (Post Procedure): <input type="radio"/> Yes → <input type="radio"/> Flow limiting <input type="radio"/> Non flow limiting <input type="radio"/> No
4. Size SB (mm): <input type="radio"/> 2.0 - 2.5 <input type="radio"/> >2.5	13. Slow Flow/ No Reflow: <input type="radio"/> Yes → <input type="radio"/> Transient <input type="radio"/> Persistent <input type="radio"/> No
5. Estimated lesion length: <input type="text"/> <input type="text"/> mm	14. Final Kissing: <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Failed
6. Pre PCI % of stenosis: <input type="text"/> <input type="text"/> % TIMI Flow <input type="radio"/> TIMI-0 <input type="radio"/> TIMI-1 (pre): <input type="radio"/> TIMI-2 <input type="radio"/> TIMI-3	15. Stent / DEB details for lesion: (please refer instruction sheet for stent codes)
7. Post PCI % of stenosis: <input type="text"/> <input type="text"/> % TIMI Flow <input type="radio"/> TIMI-0 <input type="radio"/> TIMI-1 (post): <input type="radio"/> TIMI-2 <input type="radio"/> TIMI-3	a. Stent code #1 <input type="text"/> <input type="text"/> <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/> <input type="text"/>
8. Protect with wire: <input type="radio"/> Yes <input type="radio"/> No	a. Stent code #2 <input type="text"/> <input type="text"/> <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/> <input type="text"/>
9. Bifurcation techniques: <input type="radio"/> 1 stent → <input type="radio"/> Simple cross over <input type="radio"/> Ostial Stenting <input type="radio"/> Simple cross over with kissing balloon <input type="radio"/> Simple cross over with drug eluting balloon side branch <input type="checkbox"/> Proximal optimisation technique (POT)	a. Stent code #3 <input type="text"/> <input type="text"/> <input type="text"/> Others, specify: _____ b. Diameter (mm) <input type="text"/> . <input type="text"/> c. Length (mm) <input type="text"/> <input type="text"/>
<input type="radio"/> 2 stents → a. <input type="radio"/> Planned <input type="radio"/> Provisional	16. Maximum balloon: a) Predilatation: i) Size: <input type="text"/> . <input type="text"/> mm ii) Types: <input type="checkbox"/> Regular <input type="checkbox"/> NC <input type="checkbox"/> Cutting <input type="checkbox"/> Scoring b) Postdilatation: i) Size: <input type="text"/> . <input type="text"/> mm ii) Pressure: <input type="text"/> atm
→ b. <input type="radio"/> Cullote <input type="radio"/> Double kiss crush <input type="radio"/> Crush <input type="radio"/> Reverse crush <input type="radio"/> Mini crush <input type="radio"/> T <input type="radio"/> Double barrel Y <input type="radio"/> Small protrusion (TAP) <input type="radio"/> Dedicated bifurcation stent <input type="radio"/> V <input type="checkbox"/> Proximal optimisation technique (POT) <input type="radio"/> Others, specify: _____	
17. Intracoronary devices used: <input type="checkbox"/> IVUS <input type="checkbox"/> Micro catheter <input type="checkbox"/> Double Lumen micro catheter <input type="checkbox"/> OCT <input type="checkbox"/> Angiojet <input type="checkbox"/> Others,specify: _____ <input type="checkbox"/> FFR <input type="checkbox"/> Rotablator <input type="checkbox"/> Aspiration catheter <input type="checkbox"/> Extension catheter <input type="checkbox"/> POBA <input type="checkbox"/> Coil	

a. Patient Name:	b. MyKad/Other ID No.:	c. Date of Procedure:
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SECTION 7.1 C: ADVANCED PCI PROCEDURE DETAILS (FOR CTO >3 months)

1. CTO characteristics:	i. Estimated length of CTO (mm):		<input type="radio"/> < 20	<input type="radio"/> ≥ 20	
	ii. Side branches (within 3mm of entry):		<input type="radio"/> Yes	<input type="radio"/> No	
	iii. Entry site:		<input type="radio"/> Blunt	<input type="radio"/> Tapered	
	iv. Calcification:		<input type="radio"/> Yes	<input type="radio"/> No	
	v. Bridging collaterals:		<input type="radio"/> Yes	<input type="radio"/> No	
	vi. Tortuosity/ Bend > 45°:		<input type="radio"/> Yes	<input type="radio"/> No	
	vii. Re-attempt lesion:		<input type="radio"/> Yes	<input type="radio"/> No	
	viii. JCTO Score:		<input type="text"/>	<i>(autocalculated)</i>	
	ix. Duration of CTO:		<input type="text"/>	<input type="radio"/> Months or <input type="radio"/> Years <input type="radio"/> Not Available	
2. Guide size:	<input type="radio"/> 5F <input type="radio"/> 6F <input type="radio"/> 7F <input type="radio"/> 8F			3. Contralateral injections: <input type="radio"/> Yes <input type="radio"/> No	
4. IVUS guided:	<input type="radio"/> Yes <input type="radio"/> No			5. CTA guided: <input type="radio"/> Yes <input type="radio"/> No	
6. Approach	<input type="checkbox"/> Antegrade: <ul style="list-style-type: none"> <input type="checkbox"/> Single wire <input type="checkbox"/> Parallel wire <input type="checkbox"/> Anchor wire <input type="checkbox"/> Anchor balloon <input type="checkbox"/> STAR <input type="checkbox"/> Others, specify: _____ 	<input type="checkbox"/> Retrograde: <ul style="list-style-type: none"> <input type="checkbox"/> CART <input type="checkbox"/> Reverse CART <input type="checkbox"/> Knuckle wire <input type="checkbox"/> Kissing wire technique <input type="checkbox"/> Others, specify: _____ 			
7. Name of wires: <i>(please follow the sequence)</i>	1) _____		5) _____		
	2) _____		6) _____		
	3) _____		7) _____		
	4) _____		8) _____		
8. Name of wire that crossed:					
9. Other devices:	<input type="checkbox"/> Over the wire balloon <input type="checkbox"/> Rapid exchange balloon <input type="checkbox"/> Microcatheter <input type="checkbox"/> Extension catheter	<input type="checkbox"/> Cosair <input type="checkbox"/> Tornus <input type="checkbox"/> Rotablator <input type="checkbox"/> CrossBoss	<input type="checkbox"/> Re-entry devices: → <input type="radio"/> Stingray <input type="radio"/> Double lumen micro catheter <input type="checkbox"/> Others, specify: _____		
10. Result:	<input type="radio"/> Failed attempt <input type="radio"/> Lesion crossed → <input type="radio"/> Only wire crossed <input type="radio"/> Successful PCI				
11. Complication:	i. Perforation: <input type="radio"/> Yes → <input type="checkbox"/> Wire <input type="checkbox"/> Balloon <input type="checkbox"/> Stent <input type="checkbox"/> Guiding catheter <input type="radio"/> No				

a. Patient Name: <input style="width:90%;" type="text"/>	b. MyKad/Other ID No.: <input style="width:90%;" type="text"/>	c. Date of Procedure: <input style="width:90%;" type="text"/>
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SECTION 7.1 D: ADVANCED PCI PROCEDURE DETAILS (FOR CALCIFIED LESION)

1. Angiography severity:	<input type="radio"/> None <i>(no radiopacity)</i> <input type="radio"/> Mild <i>(densities noted only after contrast injection)</i> <input type="radio"/> Moderate <i>(radiopacities noted only during the cardiac cycle before contrast injection)</i> <input type="radio"/> Severe <i>(radiopacities noted without cardiac motion before contrast injection)</i>																
2. IVUS assessment:	<input type="radio"/> Yes → Findings: <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width:50%;">i) Arc of calcium (degree):</td> <td><input type="radio"/> <90</td> <td><input type="radio"/> 181—270</td> </tr> <tr> <td></td> <td><input type="radio"/> 91—180</td> <td><input type="radio"/> 271—360</td> </tr> <tr> <td>ii) Length of calcium (mm):</td> <td><input type="radio"/> ≤ 5</td> <td><input type="radio"/> 6—10</td> <td><input type="radio"/> ≥ 11</td> </tr> <tr> <td>iii) Location of calcium:</td> <td colspan="2"> <input type="radio"/> Superficial only <input type="radio"/> Deep only <input type="radio"/> Superficial + Deep </td> </tr> </table>	i) Arc of calcium (degree):	<input type="radio"/> <90	<input type="radio"/> 181—270		<input type="radio"/> 91—180	<input type="radio"/> 271—360	ii) Length of calcium (mm):	<input type="radio"/> ≤ 5	<input type="radio"/> 6—10	<input type="radio"/> ≥ 11	iii) Location of calcium:	<input type="radio"/> Superficial only <input type="radio"/> Deep only <input type="radio"/> Superficial + Deep				
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3. Predilatation:	<table style="width:100%;"> <tr> <td><input type="checkbox"/> Compliant Balloon</td> <td><input type="checkbox"/> Non Compliant Balloon</td> </tr> <tr> <td><input type="checkbox"/> Cutting Balloon</td> <td><input type="checkbox"/> Scoring Balloon</td> </tr> <tr> <td><input type="checkbox"/> Tornus</td> <td><input type="checkbox"/> Rotablator →</td> </tr> <tr> <td><input type="checkbox"/> Others, specify:</td> <td> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>a) No of Burr:</td> <td><input style="width:30px;" type="text"/></td> </tr> <tr> <td>b) Burr size: i)</td> <td><input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm</td> </tr> <tr> <td>ii)</td> <td><input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm</td> </tr> <tr> <td>iii)</td> <td><input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm</td> </tr> </table> </td> </tr> </table>	<input type="checkbox"/> Compliant Balloon	<input type="checkbox"/> Non Compliant Balloon	<input type="checkbox"/> Cutting Balloon	<input type="checkbox"/> Scoring Balloon	<input type="checkbox"/> Tornus	<input type="checkbox"/> Rotablator →	<input type="checkbox"/> Others, specify:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>a) No of Burr:</td> <td><input style="width:30px;" type="text"/></td> </tr> <tr> <td>b) Burr size: i)</td> <td><input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm</td> </tr> <tr> <td>ii)</td> <td><input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm</td> </tr> <tr> <td>iii)</td> <td><input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm</td> </tr> </table>	a) No of Burr:	<input style="width:30px;" type="text"/>	b) Burr size: i)	<input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm	ii)	<input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm	iii)	<input style="width:30px;" type="text"/> . <input style="width:30px;" type="text"/> <input style="width:30px;" type="text"/> mm
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NATIONAL CARDIOVASCULAR DISEASE DATABASE (PCI REGISTRY) FOLLOW UP FORM

For NCVD Use only:

Centre:

ID:

Instruction: This form is to be completed at patient follow up *after 30 days, 6 months or 12 months of 1st admission.*
Where check boxes are provided, please check (✓) one or more boxes. Where radio buttons are provided, check (✓) **only one** option.

A. Reporting Centre			
B. Patient Name:			
C. Identification Card Number:	MyKad: <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> - <input style="width: 20px;" type="text"/> - <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>	Old IC No. <input style="width: 100px;" type="text"/>	
	Other ID Document No. <input style="width: 150px;" type="text"/>	Specify type : <input style="width: 150px;" type="text"/> (eg. passport, armed force ID)	
D. Type of Follow Up:	<input type="radio"/> 30 days	<input type="radio"/> 6 months	<input type="radio"/> 12 months
E. Date of Follow Up: (dd/mm/yy)	<input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/>		

SECTION 1: OUTCOME

1. Outcome:

Alive →

	a) Medication:	Yes	No	Yes	No	Yes	No		
	Aspirin	<input type="radio"/>	<input type="radio"/>	ACE inhibitor	<input type="radio"/>	<input type="radio"/>	NOAC	<input type="radio"/>	<input type="radio"/>
	Clopidogrel	<input type="radio"/>	<input type="radio"/>	ARB	<input type="radio"/>	<input type="radio"/>	Other antiplatelet,	<input type="radio"/>	<input type="radio"/>
	Ticlopidine	<input type="radio"/>	<input type="radio"/>	Warfarin	<input type="radio"/>	<input type="radio"/>	specify:		
	Statin	<input type="radio"/>	<input type="radio"/>	Prasugrel	<input type="radio"/>	<input type="radio"/>	Others, specify	<input type="radio"/>	<input type="radio"/>
	Beta blocker	<input type="radio"/>	<input type="radio"/>	Ticagrelor	<input type="radio"/>	<input type="radio"/>		

Death →

a) <u>Date of Death</u> (dd/mm/yy): <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/>	b) Cause of death: <input type="radio"/> Cardiac <input type="radio"/> Non cardiac <input type="radio"/> Others, specify:
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Transferred to other hospital →

a) <u>Date of Transfer</u> (dd/mm/yy): <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/>	b) Name of hospital:
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Lost to follow up →

a) <u>Date of last follow up</u> (dd/mm/yy): <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/>
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2. Has patient stopped smoking? Yes (quit >30 days) No Not Applicable

SECTION 2: READMISSION (within the follow up duration)

1. Has patient been readmitted to hospital? Yes No No information available

<p>1. Date of readmission: <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> (dd/mm/yy)</p> <p>Readmission location: <input style="width: 150px;" type="text"/></p>	<p>Readmission reason:</p> <p><input type="radio"/> Non cardiac <input type="radio"/> ACS → <input type="radio"/> STEMI <input type="radio"/> NSTEMI <input type="radio"/> UA</p> <p><input type="radio"/> CHF <input type="radio"/> Staged revascularization → <input type="radio"/> PCI <input type="radio"/> CABG</p> <p><input type="radio"/> Recurrent angina <input type="radio"/> Arrhythmia</p>	<p>CCS:</p> <p><input type="radio"/> Asymptomatic <input type="radio"/> CCS 1 <input type="radio"/> CCS 2 <input type="radio"/> CCS 3 <input type="radio"/> CCS 4 <input type="radio"/> Not Available</p>	<p>Angiography:</p> <p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>
<p>2. Date of readmission: <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> / <input style="width: 20px;" type="text"/> (dd/mm/yy)</p> <p>Readmission location: <input style="width: 150px;" type="text"/></p>	<p>Readmission reason:</p> <p><input type="radio"/> Non cardiac <input type="radio"/> ACS → <input type="radio"/> STEMI <input type="radio"/> NSTEMI <input type="radio"/> UA</p> <p><input type="radio"/> CHF <input type="radio"/> Staged revascularization → <input type="radio"/> PCI <input type="radio"/> CABG</p> <p><input type="radio"/> Recurrent angina <input type="radio"/> Arrhythmia</p>	<p>CCS:</p> <p><input type="radio"/> Asymptomatic <input type="radio"/> CCS 1 <input type="radio"/> CCS 2 <input type="radio"/> CCS 3 <input type="radio"/> CCS 4 <input type="radio"/> Not Available</p>	<p>Angiography:</p> <p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>
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