CLICS

Record _____

1. Demographics

1.CRF filled in by: _____

2. Informed consent signed ◯ Yes ◯ No

3. Patient ID last 4 digits (including "sifrat bikoret") _____

4. Year of birth _____

5. Gender ◯ Male ◯ Female

2. Procedure type

1. Procedure date _____

Procedure date should not be in the future!

2. Procedure type
- ☐ Coronary
- ☐ Structural - Valvular
- ☐ Structural - non valvular
- ☐ Peripheral
- ☐ Other

שימו לב כי אם בוצעה יותר מסוג פעולה אחת יש לבחור בשאלה זו מספר תשובות.

דוגמא 1: מטופל שעובר התערבות מלעורית תחת תמיכה של אימפלה או אקמו - יש לבחור את תשובות מס' 1 ומס' 5

דוגמא 2: מטופל שעובר צנתור כלילי וצנתור ימני באותה הפעולה - יש לבחור תשובות מס' 1 ומס' 5

3. Procedure type:

- ☐ Right heart study
- ☐ Myocardial biopsy
- ☐ Pulmonary artery intervention
- ☐ Coronary sinus reducer
- ☐ Heart failure interventions (inter-atrial shunt, PAP monitor, etc.
- ☐ IABP insertion
- ☐ Impella insertion
- ☐ ECMO
- ☐ Pericardiocentesis
- ☐ Mechanical valve fluoroscopy
- ☐ Temporary pacemaker
- ☐ Other

(Please select all appropriate answers)

4. Type of non valvular intervention:

- ◯ LAAO
- ◯ PFO closure
- ◯ ASD closure
- ◯ VSD closure
- ◯ Mitral PVL closure
- ◯ Aortic PVL closure
- ◯ Other structural non valvular intervention

5. Peripheral procedure type:

- ☐ Carotid - diagnostic
- ☐ Carotid - intervention
- ☐ Subclavian intervention
- ☐ Ilio-femoral - diagnostic
- ☐ Ilio-femoral - intervention
- ☐ Renal - diagnostic
- ☐ Renal - intervention
- ☐ Renal nerve denervation
- ☐ Other

6. Other:

_____

7. Patient admission type:

- ◯ Elective (from home)
- ◯ Hospitalized (including urgent admission from emergency department - primary PCI, unstable NSTEMI etc.)

8. Type of coronary procedure

- ◯ Diagnostic angiography only (no PCI done)
- ◯ Percutaneous coronary intervention (PCI)
- ◯ Alcohol septal ablation
- ◯ Coronary fistulae closure

9. Indication for procedure (Select all applicable):	◯ Stable angina ◯ Unstable angina (troponin negative ACS) ◯ Non STEMI ◯ STEMI ◯ STEMI - Late arrival (>12 hrs) ◯ LBBB of unknown age ◯ Out of hospital sudden death ◯ Planned PCI (Staged PCI, after Heart-team discussion etc.) ◯ Diagnostic cath before cardiac surgery ◯ Diagnostic cath before structural percutaneous intervention (e.g. TAVI) ◯ Pre / Post organ transplant ◯ Heart failure symptoms ◯ Other
10. Cardiogenic shock	◯ Yes ◯ No
11. Time of procedure:	◯ Regular working hours ◯ Off-working hours / weekend

הגדרות:

Regular working hours

1. צנתורים שמבוצעים בימי עבודה רגילים בשעות העבודה בבוקר
2. צנתורים מתוכננים המבוצעים בססיה (לא כולל STEMI או צנתור דחוף)

Off working hours / weekend

1. כל צנתור המבוצע לאחר שעות העבודה הרגילות
2. צנתורים המבוצעים בסופי שבוע
3. צנתורים דחופים המבוצעים בשעות הססיה (לדוג' STEMI או צנתור דחוף אחר שבשבילו היה מוזעק צוות כונן מהבית)

12. Non invasive test (CTA, stress test) with evidence for ischemia?	◯ Yes ◯ No
13. Type of non invasive stress test/tests?	☐ Functional (e.g. Ergometry, stress echo, SPECT) ☐ Anatomical - Coronary CT angiography
14. Type of valvular intervention:	◯ Aortic - Balloon valvuloplasty ◯ Aortic - Transcatheter valve implantation (TAVI) ◯ Mitral - Balloon valvuloplasty ◯ Mitral - Transcatheter valve implantation (TMVI) ◯ Mitral - Mitral clip ◯ Mitral - Other interventions ◯ Pulmonic - Transcatheter valve implantation ◯ Tricuspid - Transcatheter valve implantation ◯ Tricuspid - Other interventions

3. Access

1. Arterial access:
◯ Right radial artery
◯ Left radial artery
◯ Femoral artery
◯ Brachial artery
◯ Other
(Choose the approach taken, in any event. For example, if it was more than the radial femoral approach - mark "femoral approach")

2. Femoral artery hemostasis:
◯ Manual compression
◯ Angioseal
◯ Exoseal
◯ Perclose Proglide
◯ Mynx
◯ Other

4. Medical History

1. Diabetes mellitus?
◯ Yes ◯ No
(Definition: Diabetes treated by any drugs)

2. COPD?
◯ Yes ◯ No

3. Chronic renal failure?
◯ Yes ◯ No
(Definition: Abnormal serum creatinine level)

4. Chronic dialysis?
◯ Yes ◯ No
(Including hemodialysis or peritoneal dialysis)

5. Prior stroke or TIA?
◯ Yes ◯ No
(Including any ischemic stroke, hemorrhagic stroke or TIA)

6. Prior PCI?
◯ Yes ◯ No

7. Prior CABG or valve surgey?
◯ Yes ◯ No

8. Year of surgery (1980-2020):
_____

9. Heart failure?
◯ Yes ◯ No ◯ Unknown
(Defined as reduced cardiac function or symptoms of heart failure in the past)

10. LV ejection fraction (%)

- ◯ 5
- ◯ 6
- ◯ 7
- ◯ 8
- ◯ 9
- ◯ 10
- ◯ 11
- ◯ 12
- ◯ 13
- ◯ 14
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- ◯ 68
- ◯ 69
- ◯ 70
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- ◯ 72
- ◯ 73

	◯ 74 ◯ 75 ◯ 76 ◯ 77 ◯ 78 ◯ 79 ◯ 80 (Based on an echo test, or any other imaging over the past 5 years - if available or known)
11. Atrial fibrillation	◯ Yes ◯ No (Persistent or paroxysmal)

5. Coronary anatomy

1. LM disease >50%?	◯ Yes ◯ No
2. Number vessel disease (Native coronaries)	◯ One vessel disease ◯ Two vessel disease ◯ Three vessel disease ◯ No vessel disease
3. LIMA disease > 50%?	◯ Yes ◯ No
4. RIMA disease > 50%?	◯ Yes ◯ No
5. Number of occluded SVG or radial graft?	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6
6. Number of patent SVG or radial graft WITHOUT stenosis?	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6
7. Number of patent SVG or radial graft WITH >50% stenosis?	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6 ◯ 7 ◯ 8
8. FFR/iFR used?	◯ Yes ◯ No

9. Clinical recommendation post diagnostic cath?	◯ Conservative/medical treatment ◯ Immediate PCI ◯ Immediate PCI with staged PCI procedure (Partial revascularization with planned additional PCI) ◯ Heart team discussion ◯ Planned PCI at future time ◯ Cardiac surgery ◯ TAVI ◯ Other structural heart intervention

6. Percutaneous coronary intervention

1. Multivessel PCI?	◯ Single vessel PCI ◯ Multivessel PCI
2. Total number of native vessels treated:	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6 ◯ 7 ◯ 8
3. Total number of grafts treated	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5
4. Total number of lesions treated by PCI:	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6 ◯ 7 ◯ 8
5. Vessel types treated:	☐ Native coronary ☐ SVG ☐ LIMA/RIMA ☐ Other arterial conduit (Please select all appropriate answers)
6. Use of embolic protection device (e.g. filter)	◯ Yes ◯ No
7. Lesion types treated:	☐ Native lesion ☐ In stent restenosis ☐ Stent thrombosis
8. PCI to left main coronary artery?	◯ Yes ◯ No
9. PCI to LAD (Including LAD branches)?	◯ Yes ◯ No

10. PCI to proximal LAD?	◯ Yes ◯ No
11. PCI to LCX (Including LCX branches)?	◯ Yes ◯ No
12. PCI to RCA (Including RCA branches)?	◯ Yes ◯ No
13. IVUS used?	◯ Yes ◯ No
14. OCT used?	◯ Yes ◯ No
15. Rotablator or orbital atherectomy used?	◯ Yes ◯ No
16. Shockwave intravascular Lithotrispy used?	◯ Yes ◯ No
17. Device types used:	☐ Drug eluting stent ☐ Bare metal stent ☐ Biodergadable scaffold ☐ Covered stent (stent graft) ☐ Drug coated balloon ☐ Cutting balloon ☐ Scoring balloon ☐ POBA ☐ None (Please select all appropriate answers)
18. Total number of balloons used:	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6 ◯ 7 ◯ 8 ◯ 9 ◯ 10
19. Total number of stents used:	◯ 0 ◯ 1 ◯ 2 ◯ 3 ◯ 4 ◯ 5 ◯ 6 ◯ 7 ◯ 8 ◯ 9 ◯ 10

20. Stent type	☐ Xience ☐ Resolute / Onyx ☐ Synergy ☐ Biomatrix ☐ Orsiro ☐ Coreflex ☐ Coreflex DES ☐ Elunir ☐ Ultimaster ☐ Cre-8 ☐ Promus ☐ Yukon DES ☐ Yukon ☐ Other (Please select all appropriate answers)
21. PCI procedural result:	◯ Success ◯ Failure or aborted ◯ Failed - Referred for CABG

7. Left Main

1. Type of LM lesion:	◯ Ostial ◯ Body ◯ Distal/Bifurcation
2. Type of LM PCI	◯ Protected (post-CABG) ◯ Unprotected

8. CTO

1.PCI to chronic total occlusion (CTO)?	◯ Yes ◯ No
2. Successful CTO PCI	◯ Yes ◯ No
3. Final successful CTO strategy	☐ Retrograde ☐ Anterograde

9. Bifurcation

1. PCI to bifurcation lesion?	◯ Yes ◯ No
2. Medina classification of bifurcation lesion:	☐ 1-1-1 ☐ 1-1-0 ☐ 1-0-1 ☐ 0-1-1 ☐ 1-0-0 ☐ 0-1-0 ☐ 0-0-1
3. Initial bifurcation PCI approach:	◯ Provisional ◯ Two stent technique
4. Final bifurcation PCI approach:	◯ Provisional ◯ Two stent technique

10. Procedural complications

1. Procedural complications?	◯ Yes ◯ No
2. Procedural complications (defined as a complication requiring any intervention):	☐ Coronary artery dissection ☐ Coronary artery perforation ☐ No reflow / distal embolization ☐ Significant (>1.5 mm) side branch occlusion ☐ Tamponade ☐ Ventricular arrhythmia ☐ Significant conduction abnormality requiriung pacing ☐ CPR ☐ Urgent cardiac surgery (Please select all appropriate answers)

11. Post procedure recommendations

1. Is there indication for chronic anticoagulation (e.g. AF, VTE):	◯ Yes ◯ No
2. Recommended anticoagulants:	☐ Coumadin ☐ Xarelto (Rivaroxaban) ☐ Eliquis (Apixaban) ☐ Pradaxa (Dabigatran) ☐ Other ☐ No anticoagulation
3. Recommended anticoagulation dose	☐ Full dose ☐ Reduced dose
4. Aspirin:	◯ Yes ◯ No
5. Second anti-platelet:	◯ Clopidogrel ◯ Ticagrelor ◯ Prasugrel ◯ None
6. Access:	◯ Femoral ◯ Apical ◯ Axillary ◯ Carotid ◯ Direct aortic ◯ Trans-septal ◯ Other
7. Anesthesia method	◯ General anesthesia ◯ Conscious sedation (e.g. midazolam, fentanyl) ◯ Local anesthesia only
8. Transcatheter valve used:	◯ Evolute ◯ Sapien ◯ Portico ◯ Acurate ◯ Other
9. Other valve type:	_____

10. Valve-in-valve procedure?	◯ Yes ◯ No
11.Hospitalization after TAVI procedure:	◯ Intensive care unit ◯ Cardiology department (Non-CCU) ◯ Other
12. Other structural non valvular intervention:	_____
13. Device used:	◯ Watchman ◯ Amplatzer ◯ Other
14. Indication for biopsy	◯ Post heart transplantation ◯ Myocarditis ◯ Other
15. Pulmonary artery intervention type:	◯ Balloon pulmonary angioplasty ◯ Pulmonary artery thrombectomy for PE ◯ Other
Errors of missing required fields	_____
Validation field	_____