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Form 4: Coronary Evaluation

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Not Started

4a Date of Coronary Evaluation

Question Added: 01 JAN 1993
ANGDATE

Coronary Evaluation

2 Indication for Coronary Evaluation

Check only one.
 If the evaluation is not an angiogram, select the first option. The other options are associated with the indications for current angiogram.

- Angio NOT DONE: Non-invasive test performed
- Followup from PTCA / Revascularization (to check patency)
- Follow up of a previous abnormal angiogram (select if being performed at a time other than the annual assessment)
- Non-invasive test prior to this coronary angiogram indicated coronary disease
- Objective evidence of graft dysfunction/CAD
- Research Protocol
- Routine, per established protocol (i.e. yearly evaluation)
- Symptoms (suggesting CHF, angina equivalent, or an unclear reason for graft dysfunction)
- Unknown
- Other, specify

ANGINDSP

Question Added: 01 JAN 1993
ANGIND

2a Angio NOT DONE: Non-invasive test performed

- Cardiac CT
- Dobutamine Stress Echo
- Exercise Stress Echo
- Exercise Test
- MRI
- Radionuclide Angiogram (MUGA)
- Resting Echo
- Stress Perfusion
- Unknown
- Other, specify

NOANGNIT

Question Added: 01 JAN 1999
ANGNDIV

2b Non-invasive test prior to this date indicated coronary disease, specify test

Check only one.

- Cardiac CT
- Dobutamine Stress Echo
- Exercise Test
- MRI
- Radionuclide Angiogram (MUGA)
- Resting Echo
- Stress Perfusion

ANGIONIV

- Unknown
- Other, specify

NINVSPEC

Question Added: 01 JAN 1993

Angiography

3a

Injection sites

Check all that apply.

- Aorta
- Left Ventricle
- Selective Left Coronary
- Selective Right Coronary
- Unknown

INJAORTA
INJLV
INJSLC
INJSRC
INJUNK

Question Added: 01 JAN 1993

3b

Method of Interpretation

(Pertains to the angiogram)

Check only one.

- Caliper
- Computer Assisted
- Visual Estimate
- Unknown

Question Added: 01 JAN 1993
METHINT

3c

Pre-angiogram nitroglycerin

- Yes
- No
- Unknown

Question Added: 01 JAN 2005
ANGNITRO

Angiography Results

4

Angiography Results

- Abnormal
- Normal
- Unknown

Question Added: 01 JAN 1993
CANORMAL

L Main = Left Main Coronary Artery
LAD = Left Anterior Descending
LCx = Left Circumflex
RCA = Right Coronary Artery
PDA = Posterior Descending

4b

Are these the same hemodynamics entered into the annual follow-up form?

- Yes
- No

Question Added: 01 AUG 2022
HDFOL

4b

RAm
Right atrial mean mmHg

Range Information
Too Low: < 0
Normal: Between 0 and 40
Question Zone: > 41
Red Flag Zone: > 41

Missing Reason:
 Not Done
 Unknown

Question Added: 29 JUL 2019

RAM
PCW

Range Information

	L Main	LAD	LCx	RCA	PDA	PCW/LV EDP	mmHg
Normal	<input type="checkbox"/> NORLMA	<input type="checkbox"/> NORLAD	<input type="checkbox"/> NORLCX	<input type="checkbox"/> NORRCA	<input type="checkbox"/> NORPDA	<input type="checkbox"/> NORPCW/LV	<input type="radio"/> Miss <input type="radio"/> Rea <input type="radio"/> Not <input type="radio"/> Don <input type="radio"/> Unkr
Not Visualized	<input type="checkbox"/> _LM_NV	<input type="checkbox"/> _LAD_NV	<input type="checkbox"/> _LCX_NV	<input type="checkbox"/> _RCA_NV	<input type="checkbox"/> _PDA_NV	<input type="checkbox"/> _PCW/LV_NV	
Unknown	<input type="checkbox"/> _LM_UN	<input type="checkbox"/> _LAD_UN	<input type="checkbox"/> _LCX_UN	<input type="checkbox"/> _RCA_UN	<input type="checkbox"/> _PDA_UN	<input type="checkbox"/> _PCW/LV_UN	
Absent (congenital)	<input type="checkbox"/> _LM_ABS	<input type="checkbox"/> _LAD_ABS	<input type="checkbox"/> _LCX_ABS	<input type="checkbox"/> _RCA_ABS	<input type="checkbox"/> _PDA_ABS	<input type="checkbox"/> _PCW/LV_ABS	
Mild Stenosis (0% to 50%)	<input type="checkbox"/> _LM_MLD	<input type="checkbox"/> _LAD_MLD	<input type="checkbox"/> _LCX_MLD	<input type="checkbox"/> _RCA_MLD	<input type="checkbox"/> _PDA_MLD	<input type="checkbox"/> _PCW/LV_MLD	
Moderate Stenosis (51% to 70%)	<input type="checkbox"/> _LM_MOD	<input type="checkbox"/> _LAD_MOD	<input type="checkbox"/> _LCX_MOD	<input type="checkbox"/> _RCA_MOD	<input type="checkbox"/> _PDA_MOD	<input type="checkbox"/> _PCW/LV_MOD	
Severe Stenosis (71% to 100%)	<input type="checkbox"/> _LM_SEV	<input type="checkbox"/> _LAD_SEV	<input type="checkbox"/> _LCX_SEV	<input type="checkbox"/> _RCA_SEV	<input type="checkbox"/> _PDA_SEV	<input type="checkbox"/> _PCW/LV_SEV	
Ectasia	<input type="checkbox"/> _LM_ECT	<input type="checkbox"/> _LAD_ECT	<input type="checkbox"/> _LCX_ECT	<input type="checkbox"/> _RCA_ECT	<input type="checkbox"/> _PDA_ECT	<input type="checkbox"/> _PCW/LV_ECT	
Severe Distal Pruning	<input type="checkbox"/> _LM_PRN	<input type="checkbox"/> _LAD_PRN	<input type="checkbox"/> _LCX_PRN	<input type="checkbox"/> _RCA_PRN	<input type="checkbox"/> _PDA_PRN	<input type="checkbox"/> _PCW/LV_PRN	
Severe Branch Stenosis		<input type="checkbox"/> LAD_SBS	<input type="checkbox"/> LCX_SBS	<input type="checkbox"/> RCA_SBS			
	01 JAN 1993	01 JAN 1993	01 JAN 1993	01 JAN 1993	01 JAN 1993		

Question Added: 29 JUL 2019

Coronary Flow

Functional assessment of coronary flow performed using catheter-based methods

Abnormal Fractional Flow Reserve (FFR) is defined as < 0.75

Abnormal Coronary Flow Reserve (CFR) is defined as < 2.0 Maximal Flow: Resting Flow

5 Fractional Flow Reserve Performed Yes
 No
 Unknown

Question Added: 01 SEPT 2015
ANGFFR

5a Vessels Studied LAD FFR4LAD
 LCx FFR4LCX
 Left Main FFR4LM
 RCA FFR4RCA
 Unknown FFR4UNK

Check all that apply.

Question Added: 01 SEPT 2015

5a.i FFR Abnormal for Left Anterior Descending (LAD) Yes
 No
 Unknown

Question Added: 01 SEPT 2015
FR4LADAB

5a.ii FFR Abnormal for Left Circumflex (LCx) Yes
 No
 Unknown

Question Added: 01 SEPT 2015
FR4LCXAB

5a.iii FFR Abnormal for Left Main Coronary Artery (L Main) Yes
 No
 Unknown

FFR4LMAB

Question Added: 01 SEPT 2015

5a.iv FFR Abnormal for Right Coronary Artery (RCA) Yes No Unknown

Question Added: 01 SEPT 2015
FR4RCAAB

6 Coronary Flow Reserve (CFR) Performed Yes No Unknown

Question Added: 01 SEPT 2015
CFRPERF

6a If CFR Performed, CFR abnormal Yes No Unknown
(Abnormal is defined as: ≤ 2.0 Maximal Flow: Resting Flow)

Question Added: 01 SEPT 2015
CFRANRML

Intravascular Ultrasound

7 Intravascular Ultrasound Performed Yes No Unknown

Question Added: 01 JAN 1999
IUPERF

7a Stanford Score 0 1 2 3 4 Not Done Unknown

IUSTSCORE

7b Vessels Studied

<input type="checkbox"/> LAD	IULAD
<input type="checkbox"/> LCx	IULCX
<input type="checkbox"/> Left Main	IULMAIN
<input type="checkbox"/> RCA	IURCA
<input type="checkbox"/> Unknown	IUUNK

Question Added: 01 JAN 2005

7b.i If LAD, Maximal Intimal Thickness (MIT) <0.3 mm ≥ 0.3 mm Unknown

Question Added: 01 SEPT 2015
MITLAD

7b.ii If LCx, Maximal Intimal Thickness (MIT) <0.3 mm ≥ 0.3 mm Unknown

Question Added: 01 SEPT 2015
MITLCX

7b.iii **If Left Main, Maximal Intimal Thickness (MIT)** <0.3 mm
 >= 0.3mm
 Unknown

Question Added: 01 SEPT 2015
MITLM

7b.iv **If RCA, Maximal Intimal Thickness (MIT)** <0.3 mm
 >= 0.3mm
 Unknown

Question Added: 01 SEPT 2015
MITRCA

Left Ventricular and Valvar Function Evaluation

8 Left Ventricular and Valvar Function Evaluation Yes
 No
 Unknown
Nearest to coronary angiogram

Question Added: 01 JAN 1993
LVFE

8a **Date of study**

Missing Reason:
 Not Done
 Unknown

Question Added: 01 JAN 1993
LVFDATE

8b **Method of Interpretation** Contrast ventriculogram
 Echocardiogram
 MRI
 Radionuclide angiogram (MUGA)
 Unknown

Question Added: 01 JAN 1993
LVFMETH

8c **Left Ventricular Ejection Fraction**

Range Information
 Too Low: < 0
 Normal: Between 0 and 100
 Question Zone: > 101
 Red Flag Zone: > 101

Missing Reason:
 Not Done
 Unknown

Question Added: 01 JAN 1993
LVEF

8d **Echo Shortening Fraction**

Missing Reason:
 Not Done
 Unknown

Question Added: 01 JAN 1996
FRACSHRT

8e **Wall Motion** Akinesis WMAK
 Dyskinesis WMDY
 Hypokinesis WMHY
 Normal WMNORMAL
 Not interpreted for wall motion abnormalities ECHONIWM
 Unknown WMUNK

Question Added: 01 JAN 1993

8e.i **Akinesis** > 1 Segment
 1 Segment
 Diffuse
 Unknown

WMAKSEGS

Question Added: 01 JAN 1993

8e.ii

- Dyskinesis**
- > 1 Segment
 - 1 Segment
 - Diffuse
 - Unknown

Question Added: 01 JAN 1993
WMDYSEGS

8e.iii

- Hypokinesis**
- > 1 Segment
 - 1 Segment
 - Diffuse
 - Unknown

Question Added: 01 JAN 1993
WMHYSEGS

8f

- Mitral Regurgitation**
- None
 - Trivial
 - Mild
 - Mild-Moderate
 - Moderate
 - Moderate-Severe
 - Severe
 - Unknown

mit_regurg

8g

- Tricuspid Regurgitation**
- None
 - Trivial
 - Mild
 - Mild-Moderate
 - Moderate
 - Moderate-Severe
 - Severe
 - Unknown

tri_regurg

8h

- Right ventricular (RV) Function**
- Normal
 - Mild Dysfunction
 - Mild-Moderate Dysfunction
 - Moderate Dysfunction
 - Moderate-Severe Dysfunction
 - Severe Dysfunction
 - Unknown Or Not Quantified

rv_function

Dobutamine or Exercise Stress Echo

9

- Was Dobutamine or Exercise Stress Echo performed?**
- Yes
 - No
 - Unknown

Question Added: 01 JAN 1999
DOBXSND

9a

Date Missing Reason:
 UnknownQuestion Added: 01 JAN 1999
DSEDATE

9b Maximum Dobutamine

Dose mcg/kg/min

Missing Reason:

- Not Done
- Unknown

Question Added: 01 JAN 1999

DSEMXDOS

9c

- Baseline**
- Akinesia/dyskinesia
 - Hypokinesia
 - Normal

BEAKDY

BEHY

BENORMAL

Question Added: 01 JAN 1999

9c.ii Is there segmental hypokinesia and if so, how many segments?

- > 1 Segment
- 1 Segment
- Diffuse
- Unknown

Question Added: 01 JAN 1999
BEHYSEGS

9c.i Is there segmental Akinesia/dyskinesia and if so, how many segments?

- > 1 Segment
- 1 Segment
- Diffuse
- less than 1
- Unknown

Question Added: 01 JAN 1999
BEAKDYSG

9d

- Stress**
- New Akinesia/dyskinesia
 - New Hypokinesia
 - Normal
 - Unchanged

SEAKDY

SEHY

SENORMAL

SEUNK

Question Added: 01 JAN 1999

9d.ii If Stress is New Hypokinesia

- > 1 Segment
- 1 Segment
- Diffuse
- Unknown

Question Added: 01 JAN 1999
SEHYSEGS

9d.i If Stress is New Akinesia/dyskinesia

- > 1 Segment
- 1 Segment
- Diffuse
- Unknown

Question Added: 01 JAN 1999
SEAKDYSG

9e Maximum Heart Rate Achieved

Missing Reason:

- Unknown

Question Added: 01 JAN 1999

MXHRATE

9f

LV Dilatation with Stress

- Yes
- No
- Unknown

Question Added: 01 JAN 1999
LVDIAL



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