

第6回豊橋ライブデモンストレーションコース 症例集



6th TOYOHASHI LIVE DEMONSTRATION May 27-28, 2016

Case Calc-1 70's male

Target Lesion: Mid. LAD

Diagnosis: AP, PAD, CRF on HD, CHF

Prior intervention:

None

Coronary risk factor:

DM, Current smoking

eGFR: 5.4(CRF on HD)

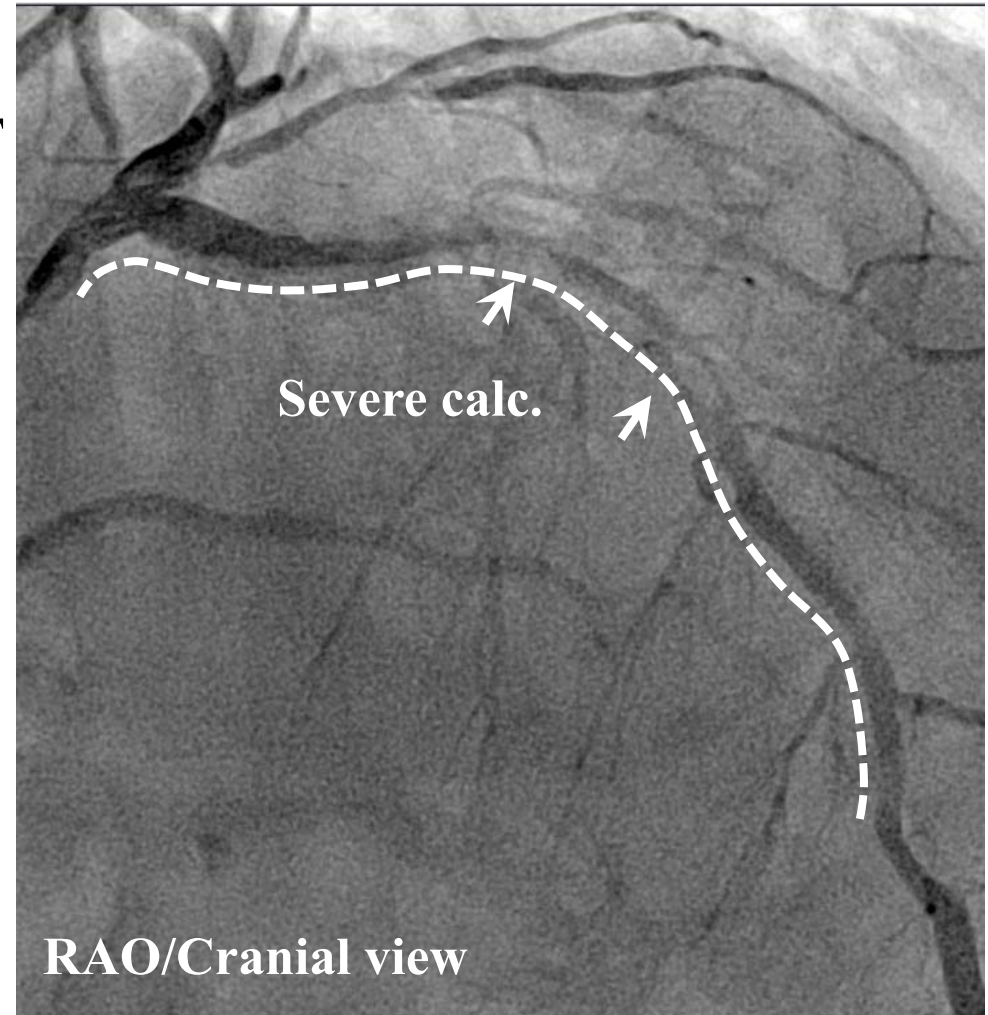
SYNTAX Score: 11

Final CAG findings: '16.05.06

CAG: mid. LAD diffuse90%

OM 90%

LV EF(UCG): 35%





Case Calc-2 80's male

Target Lesion: prox.-mid. LAD

Diagnosis: AP, OMI

Prior intervention:

'05.06.25 POBA(1st diagonal AMI)

Coronary risk factor:

HT, Dyslipidemia, Family history

eGFR: 61.3

SYNTAX Score: 38

Final CAG findings: '16.05.13

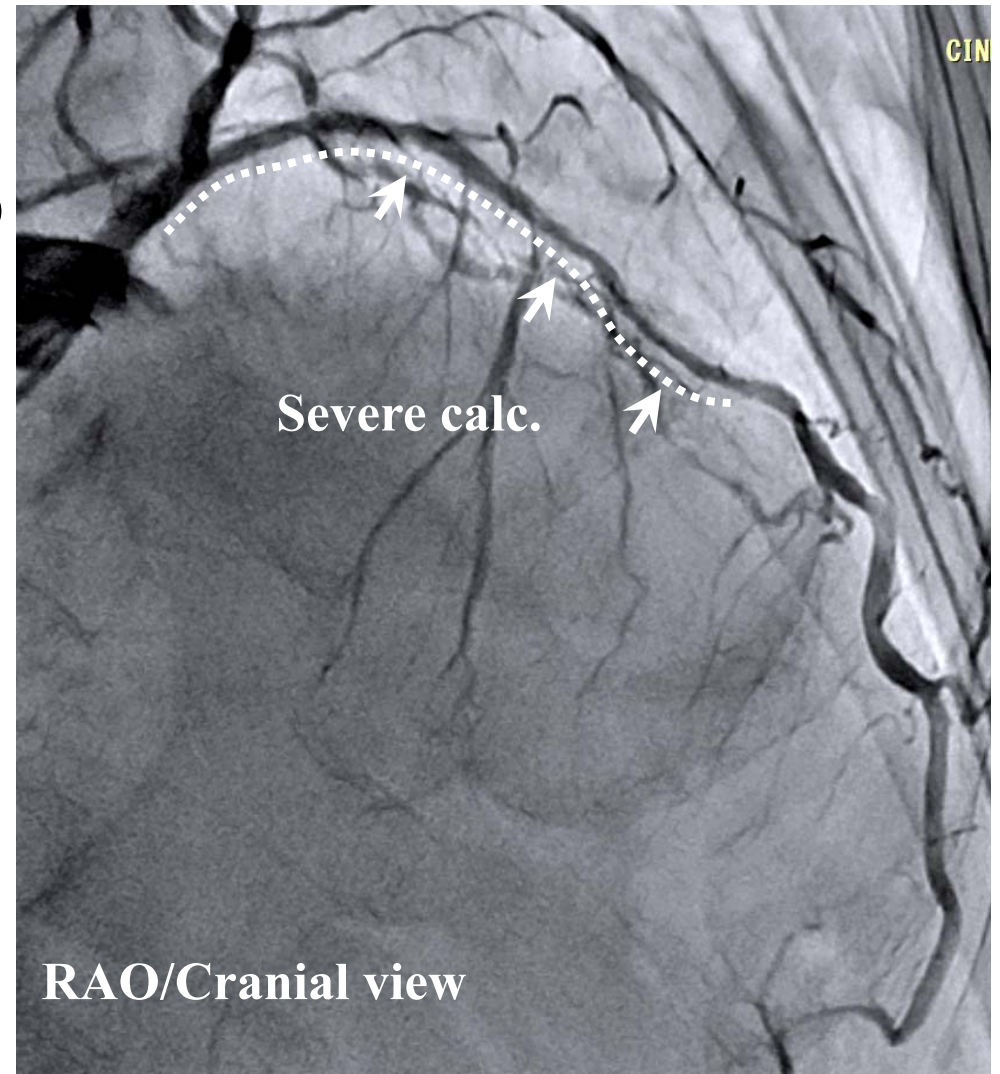
CAG: prox.-mid. LAD 75-90%,

1st diagonal 100%

dis. RCA 75%, AV & PD branch 75%,

OM 90%

LV EF(MRI): 73.3%





Case Calc-3 80's female

Target Lesion: Ost. LAD

Diagnosis: AP

Prior intervention:

'16.04.18 EES (prox. RCA ACS)
,other hospital

Coronary risk factor:

DM, HT

eGFR: 60.2

SYNTAX Score: 26

Final CAG findings: '16.04.18

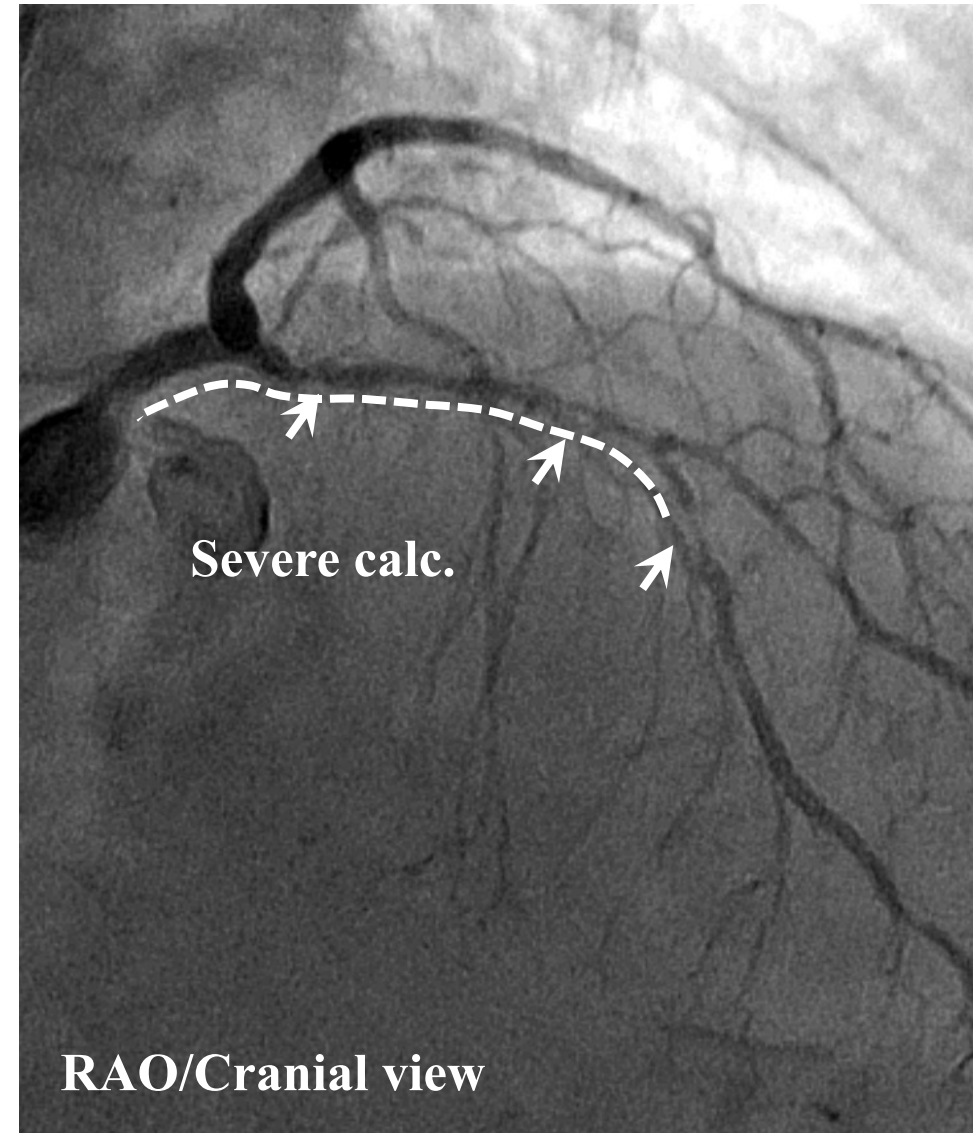
(other hospital)

CAG: prox.-mid. LAD diffuse 90%

1st diagonal 90%

prox. RCA 99% → 0%(Stent)

LV EF(UCG): 68.0%





Case S-1 60's male

Target: mid. LAD

Diagnosis: AP

Prior intervention:

- '07.01.12 SES × 3 (prox.-mid. LAD)
- '15.06.29 NSE+DCB (mid. LAD ISR-1st)
- '16.02.02 SYNERGY (mid. LAD ISR-2nd)

Coronary risk factor:

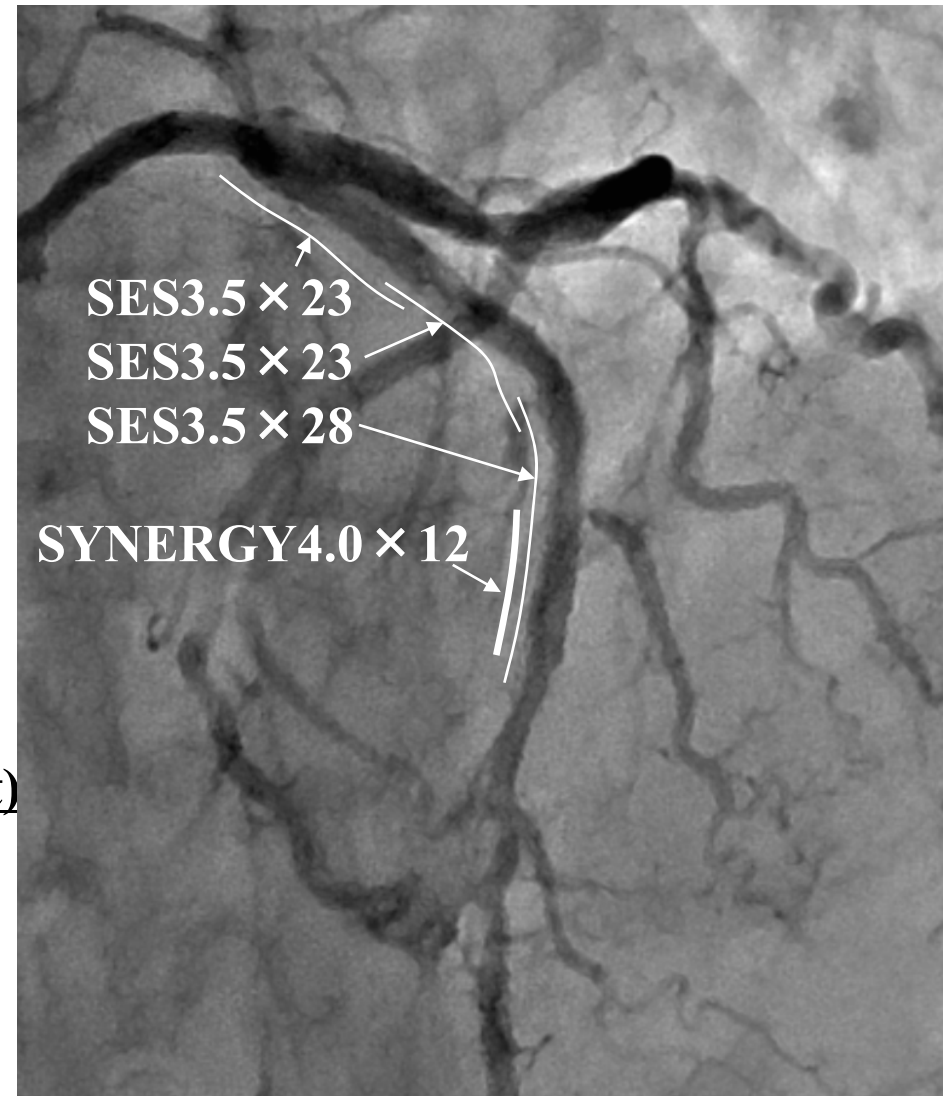
HT, Dyslipidemia

eGFR: 60.2

Final CAG findings: '16.01.14

**CAG: mid. LAD 90%(ISR)→0%(Stent)
mid.RCA:50%, OM 75%**

LV EF(UCG): 66.1%





Case EVT-1 80's male
Target Lesion: Rt. EIA CTO

Diagnosis: PAD, CRF on HD, CAF

Prior intervention:

none

Risk factor:

DM, HT

eGFR: 9.7(CRF on HD)

Fontaine: II

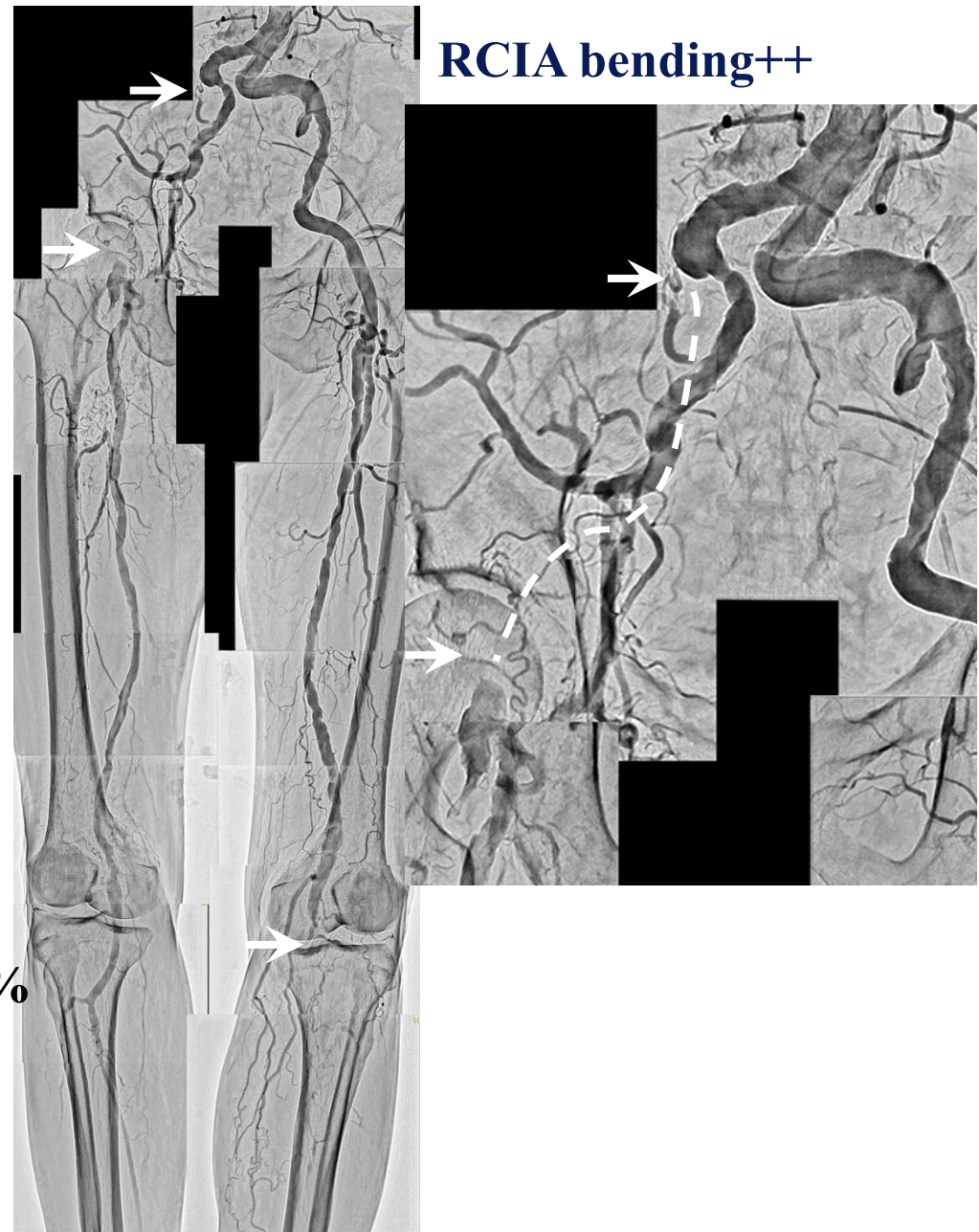
Rutherford: 3

ABI: Rt.: 0.57, Lt.: 0.67 ('16.03.30)

Final AOG findings: '16.03.30

Rt. : EIA 100%, SFA 50%, PA 100%

Lt. : SFA 50%, popliteal A 100%





Case EVT-2 70's male
Target Lesion: Lt.SFA CTO

Diagnosis: PAD, AP

Prior intervention:

'16.04.18 EVT - Stent (Rt.SFA CTO)

Risk factor:

HT, current smoking

eGFR: 49.7

Fontaine: II

Rutherford: 4

ABI: Rt.: 0.83, Lt.: 0.51 ('16.05.10)

Final AOG findings: '16.04.07

Rt. : SFA 100% → 0%(Stent)

**Lt. : CIA 75%(PG:25mmHg),
SFA 100%**





Case EVT-3 50's male

Target Lesion: Lt. popliteal A CTO

Diagnosis: PAD, post CABG

Prior intervention:

'13.04.02	CABG	(LITA-#8, Ao-SVG-#15-AM)
'15.12.14	EVT Stent	(Rt.CIA-EIA)
	EVT Rota+POBA	(Rt.CFA)
	EVT POBA	(Lt.EIA)
	EVT Rota+CB	(Lt.CFA, Lt.SFA)
'16.02.08	EVT Stent	(Rt.SFA CTO)
	EVT Rota+CROSSER+POBA	(Rt.popliteal A)
'16.05.10	EVT POBA	(Lt.CFA, Lt.SFA restenosis)

Risk factor:

DM, HT, Dyslipidemia, smoking history

eGFR: 55.2

Fontaine: II

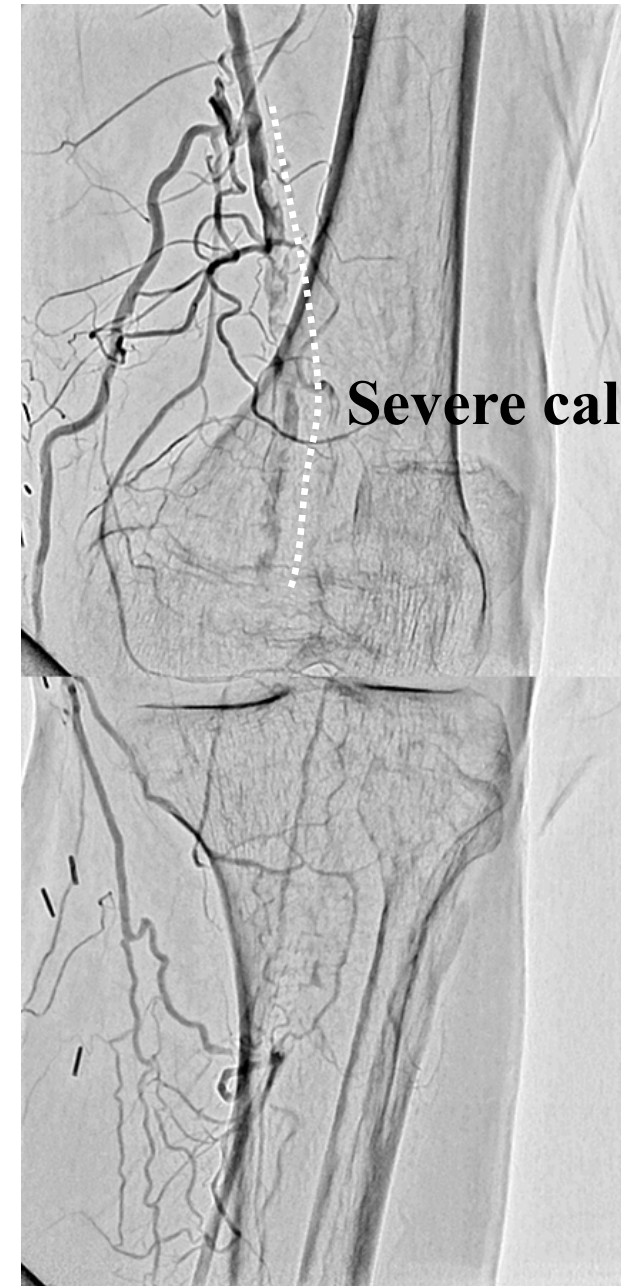
Rutherford: 3

ABI: Rt.: 0.55, Lt.: 0.36 ('16.05.11)

Final AOG findings: '16.04.08

Rt. : popliteal A 75%(restenosis)

**Lt. : EIA-CFA 75%(restenosis) → 25%(POBA),
popliteal A 100%**





Case EVT-4 80's male
Target Lesion:Rt.EIA

Diagnosis: PAD, AP, CKD

Prior intervention:

'00.06.08 PCI (prox. LAD:CB)

'00.12.14 PCI (prox. LAD restenosis:BMS)

Risk factor:

HT, smoking history

eGFR: 32.0

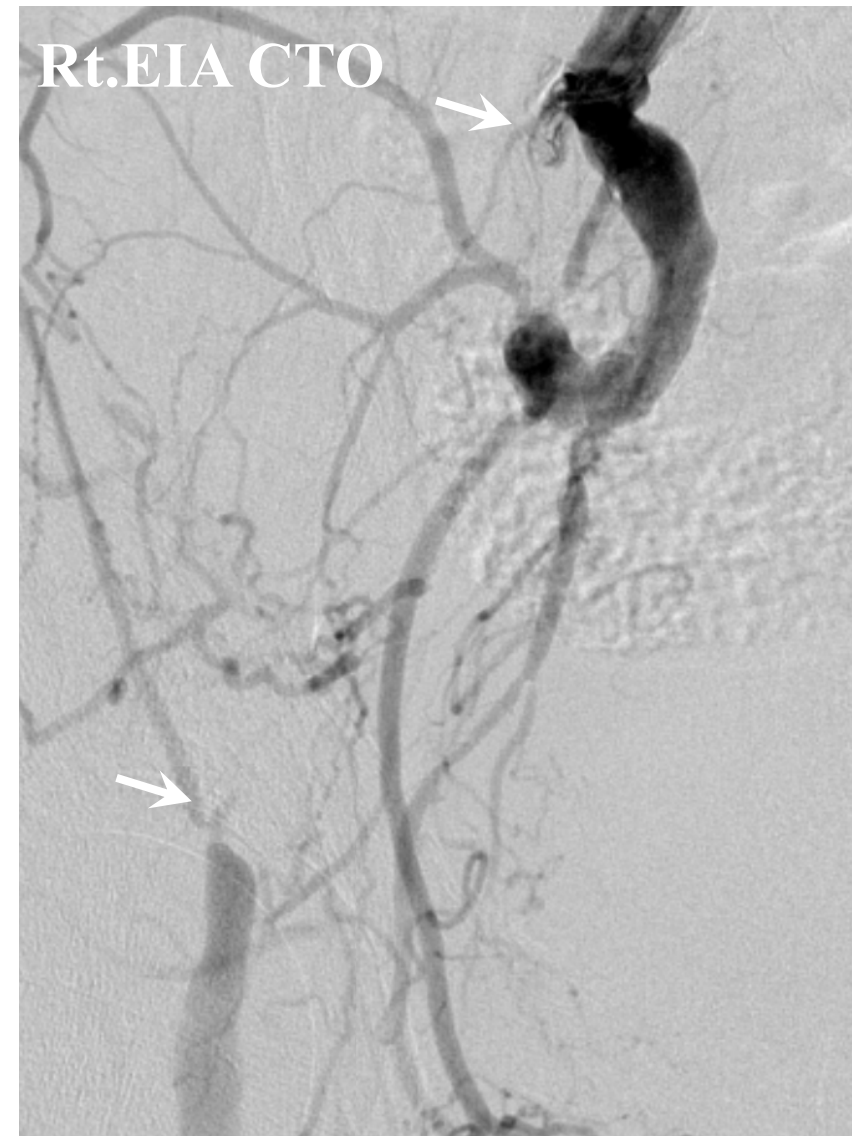
Fontaine: II

Rutherford: 3

ABI: Rt.: 0.52, Lt.: 0.99('16.04.07)

Final AOG findings: '16.04.07

Rt. : EIA 100%





Case DCA-1 80's female

Target Lesion: Ost.LAD

Diagnosis: AP

Prior intervention:

None

Coronary risk factor:

HT, Family history

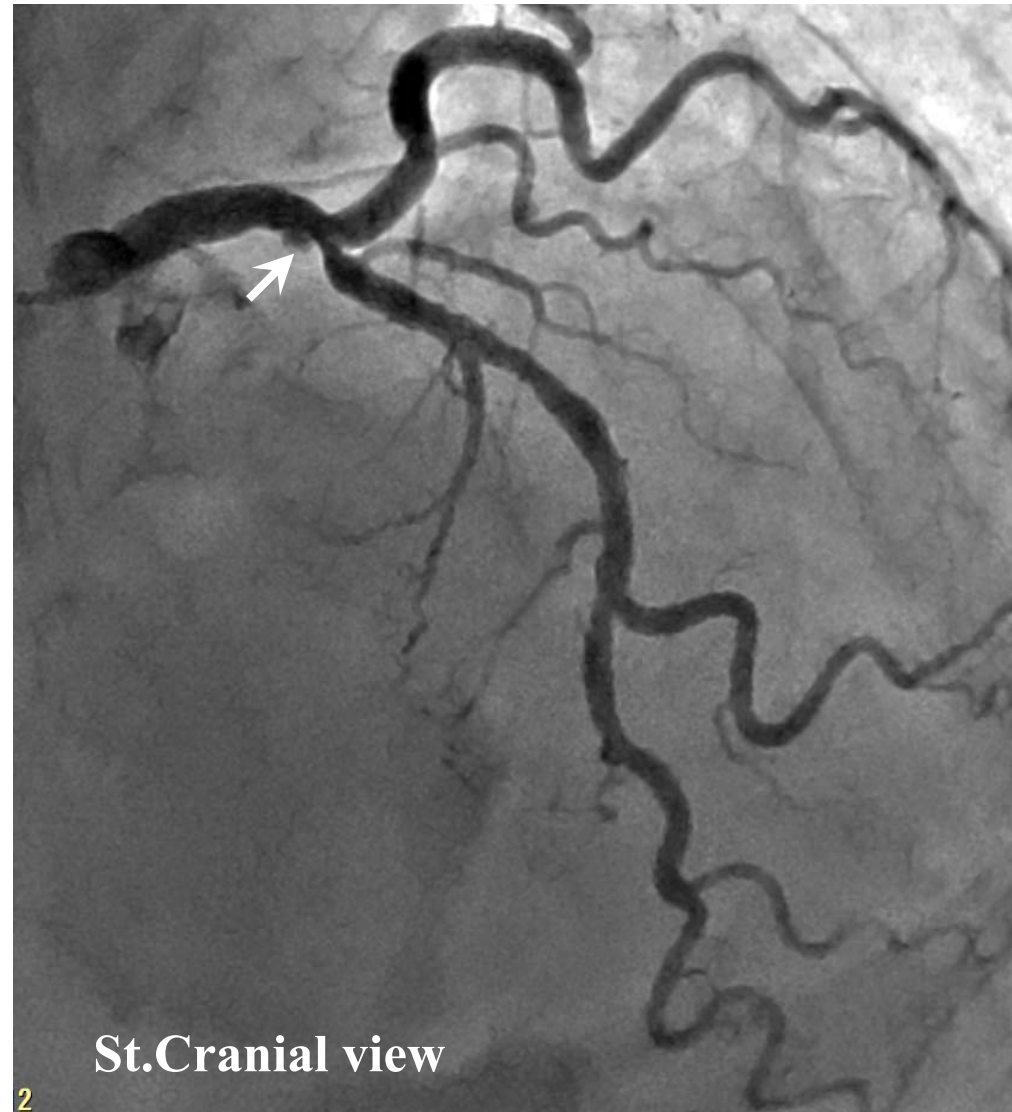
eGFR: 65.2

SYNTAX Score: 9

Final CAG findings: '16.05.13

CAG: Ost. LAD 90%

LV EF(UCG): 68.0%





Case DCA-2 60's male

Target Lesion: prox.-mid. LAD

Diagnosis: AP

Prior intervention:

None

Coronary risk factor:

DM, HT, Dyslipidemia

eGFR: 60.8

SYNTAX Score: 13

Final CAG findings: '14.09.19 (other hospital)

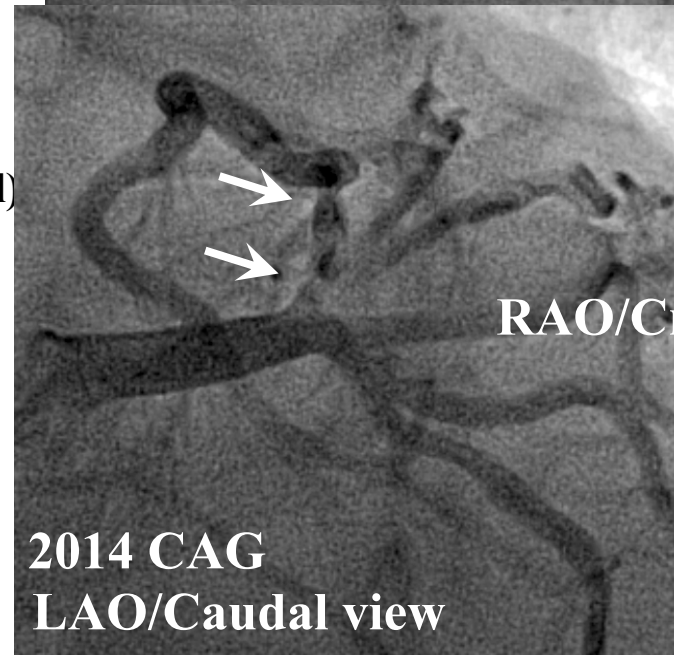
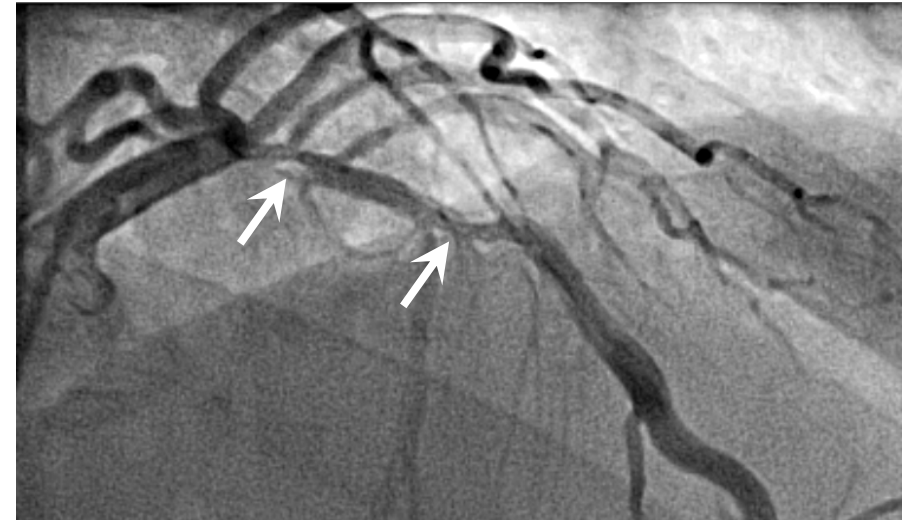
CAG: prox.-mid. LAD 75-90%,

1st diagonal 100%

dis. RCA 75%, AV & PD branch 75%,

OM 90%

LV EF(MRI): 73.3%



**2014 CAG
RAO/Cranial view**

**2014 CAG
LAO/Caudal view**



Case DCA-3 70's male

Target Lesion: prox. LAD bifur.

Diagnosis: AP, OMI, CKD

Prior intervention:

'16.05.16 EES (prox. RCA AMI)

Coronary risk factor:

HT

eGFR: 45.6

SYNTAX Score: 24

Final CAG findings: '16.05.16

CAG: prox. LAD 90%,

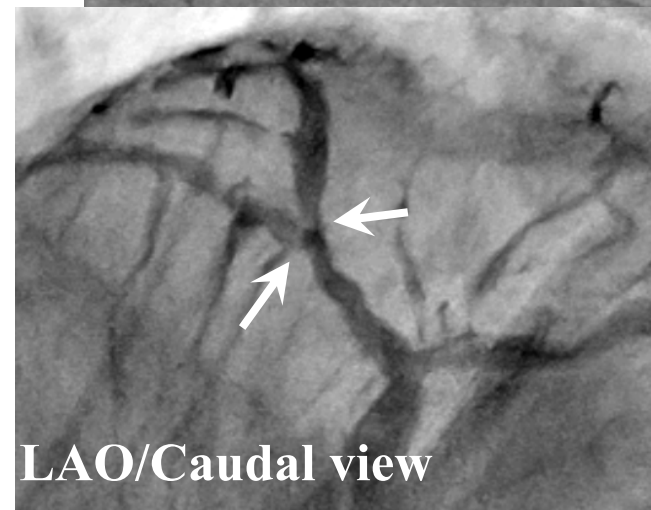
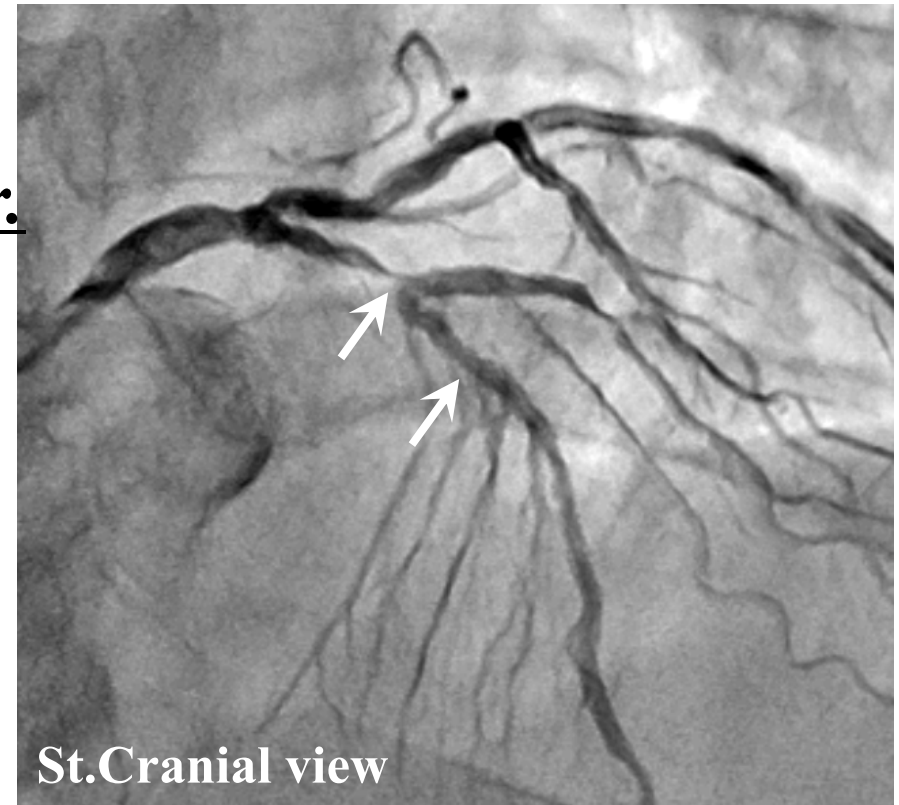
1st diagonal 75%,

mid. LAD 75%,

mid. LCX 90%,

prox. RCA 100% → 0%(Stent)

LV EF(UCG): 60%





Case DCA-4 70's male

Target Lesion: prox. LCX bifur.

Diagnosis: AP

Prior intervention:

- '15.11.16 CB (prox. LCX)
- KBT (prox.LCX& HL)
- CB (PD branch)

Coronary risk factor:

DM, HT

eGFR: 54.4

SYNTAX Score: 14

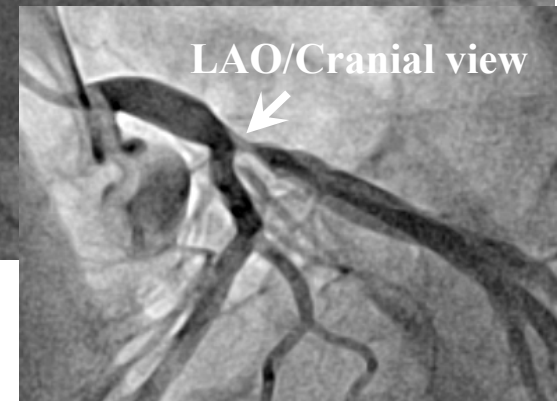
Final CAG findings: '16.05.17

- CAG: ost. LCX 75%,**
- ost. HL 90%,**
- mid. LCX 75%,**
- PD branch 90%**

LV EF(UCG): 60%



RAO/Caudal view



LAO/Cranial view



Case CTO-1 70's male

Target Lesion: mid. RCA CTO

Diagnosis: AP, PAF

Prior intervention:

'16.03.28 EES (mid. LAD)

Coronary risk factor:

DM, HT, Dyslipidemia,

Family history

eGFR: 63.3

SYNTAX Score: 23

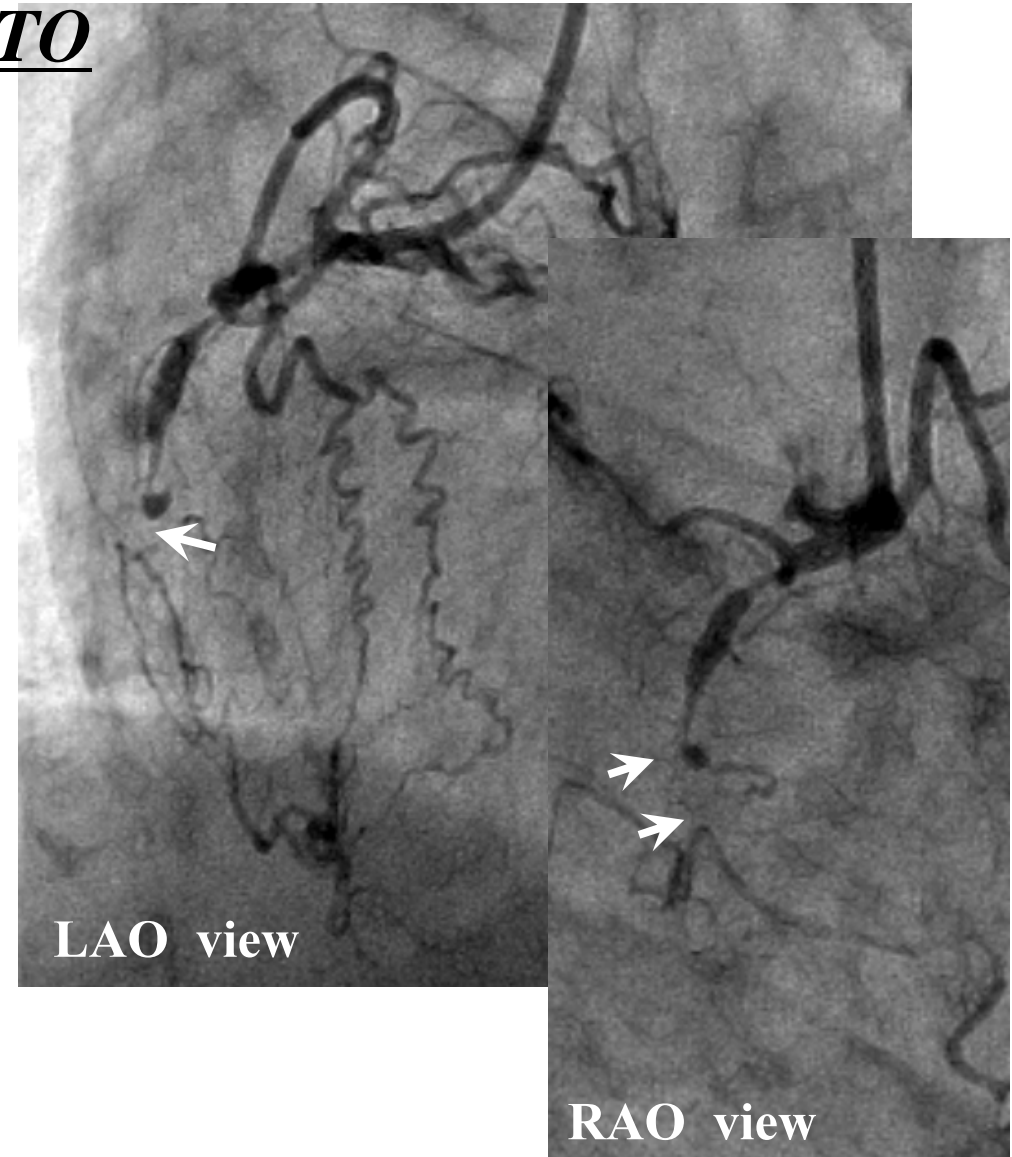
Final CAG findings: '16.03.01

CAG: mid. RCA 100%

prox. LAD 50% (FFR:0.91)

mid. LAD 75% → 0%(Stent)

LV EF(MRI): 61.0%





Case CTO-2 50's male

Target Lesion: mid. RCA CTO

**Diagnosis: OMI, PSVT, CRF on HD,
CHF, low EF, AS(AVA:1.36cm²)**

Prior intervention:

'16.04.04 ZES (mid. LAD RMI)

Coronary risk factor:

**HT, Dyslipidemia, Current smoking,
Family history**

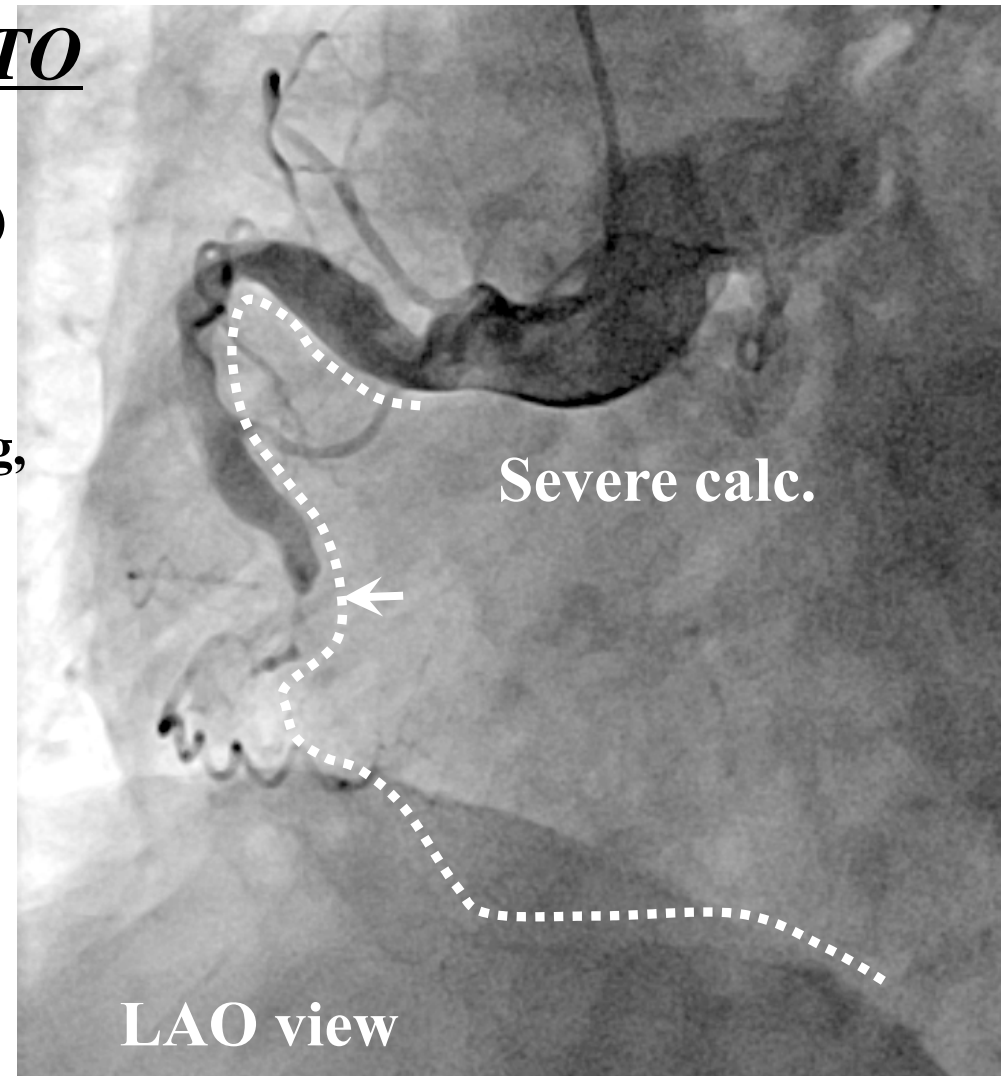
eGFR: 4.4 (CRF on HD)

SYNTAX Score: 18

Final CAG findings: '16.04.04

**CAG: mid. RCA 100%,
mid. LAD 90%(RMI) → 0%(Stent)**

LV EF(UCG): 21.1%





Case CTO-3 60's male

Target Lesion: prox. RCA CTO

Diagnosis: AP, OMI

Prior intervention:

'16.03.22 EES × 2 (prox. -mid. LCX)
CB (prox. LCX)
'16.04.19 failure (prox. RCA CTO)
, other hospital

Coronary risk factor:

HT, Dyslipidemia

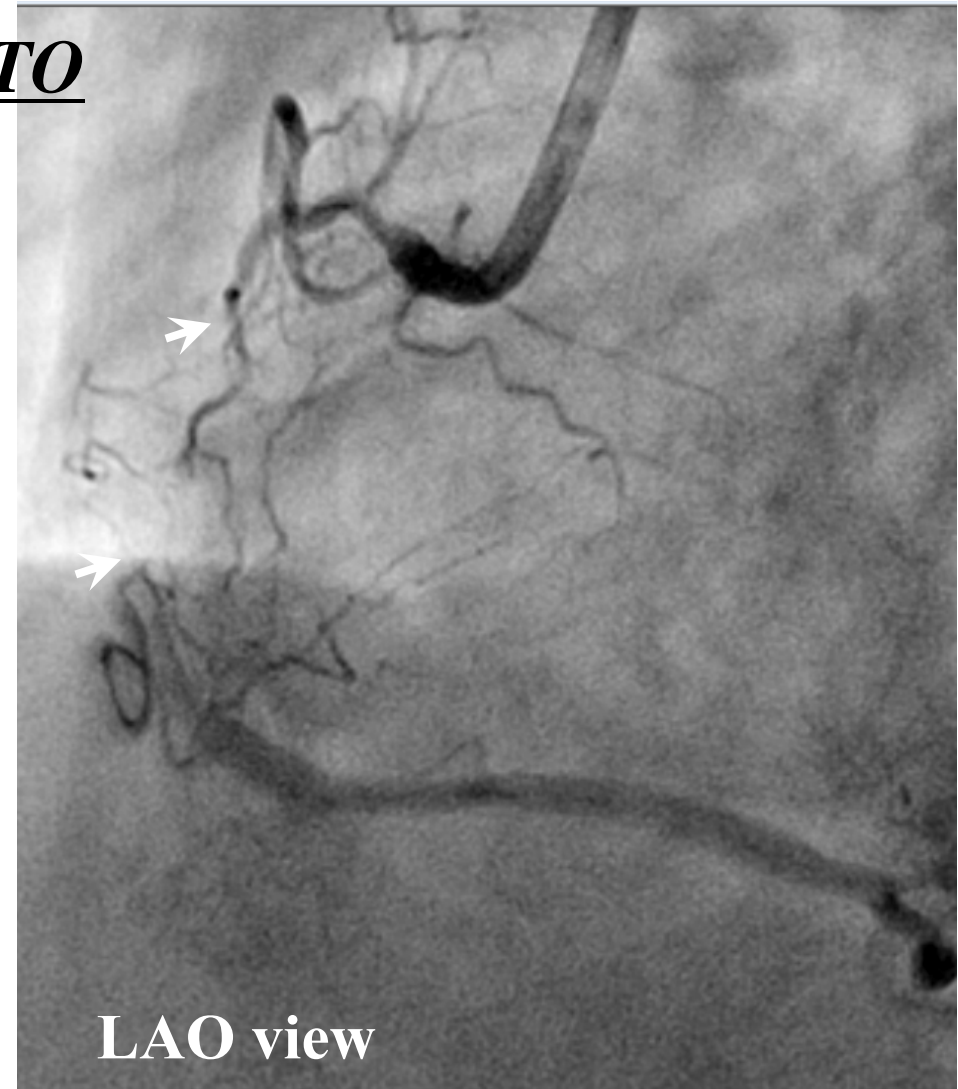
eGFR: 54.4

SYNTAX Score: 19

Final CAG findings: '16.04.19

**CAG: prox. RCA 100%,
1st diagonal 100%,
mid. LCX 90% → 0%**

LV EF(UCG): 57%





Case CTO-4 80's female

Target Lesion: distal RCA CTO

**Diagnosis: AP, OMI, CKD, CHF
RCA aneurysm (30mm)**

Prior intervention:

'06.07.06 SES (prox. LAD, mid. LAD)
CB (prox. LCX)
'15.10.16 EES IABP&PCPS support(LMT AMI)

Coronary risk factor:

**DM, HT, Dyslipidemia,
Family history**

eGFR: 45.2

SYNTAX Score: 38.5

Final CAG findings: '16.03.10

CAG: mid. RCA 75%, distal RCA 99%

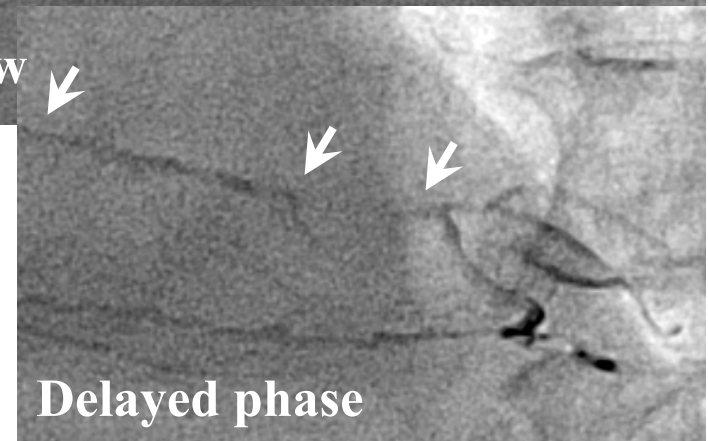
#4AV total

mid. LAD 75%, mid. LCX 75%

LV EF(MRI): 69.3%



LAO view



Delayed phase



Case Bif-1 80's male

Target Lesion: Ost. LCX

Diagnosis: AP, anemia, CHF

Prior intervention:

- '15.11.20 ZES (prox. RCA ACS)
- ZES (mid. RCA)
- '16.03.29 Rota+EES × 2 (prox.-mid.LAD)
- POBA (1st.diagonal)

Coronary risk factor:

HT, Dyslipidemia, Family history

eGFR: 53.3

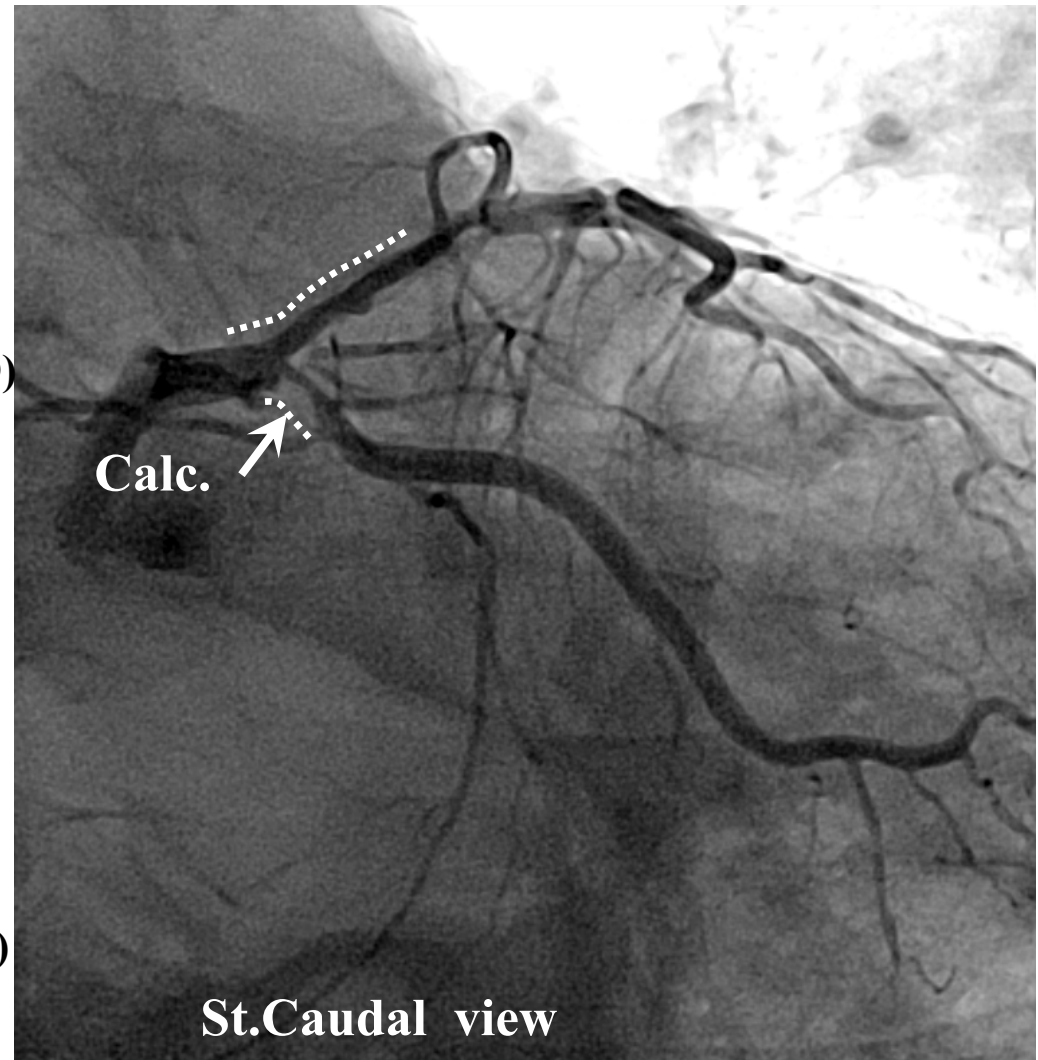
SYNTAX Score: 32

Final CAG findings: '15.11.20

CAG: Ost. LCX 90%

- prox. RCA 90% → 0%(Stent)
- mid. RCA 99% → 0%(Stent)
- prox.-mid. LAD 75% → 0%(Stent)
- 1st diagonal 75% → 25%(POBA)

LV EF(UCG): 56.8%





Case Bif-2 50's male

Target Lesion: LAD bifurcation

Diagnosis: AP, CKD

Prior intervention:

'04.04.20	BMS	(dis.RCA), other hospital
'06.01.10	SES × 2	(mid. RCA)
'06.02.04	DCA+CB	(prox. LAD)
	SES	(mid. LCX)
'06.04.21	SES	(prox. LAD)
'07.03.14	SES	(mid. LAD)
'16.04.21	ZES	(prox. RCA)
	ZES	(dis. RCA ISR)

Coronary risk factor:

DM, Dyslipidemia

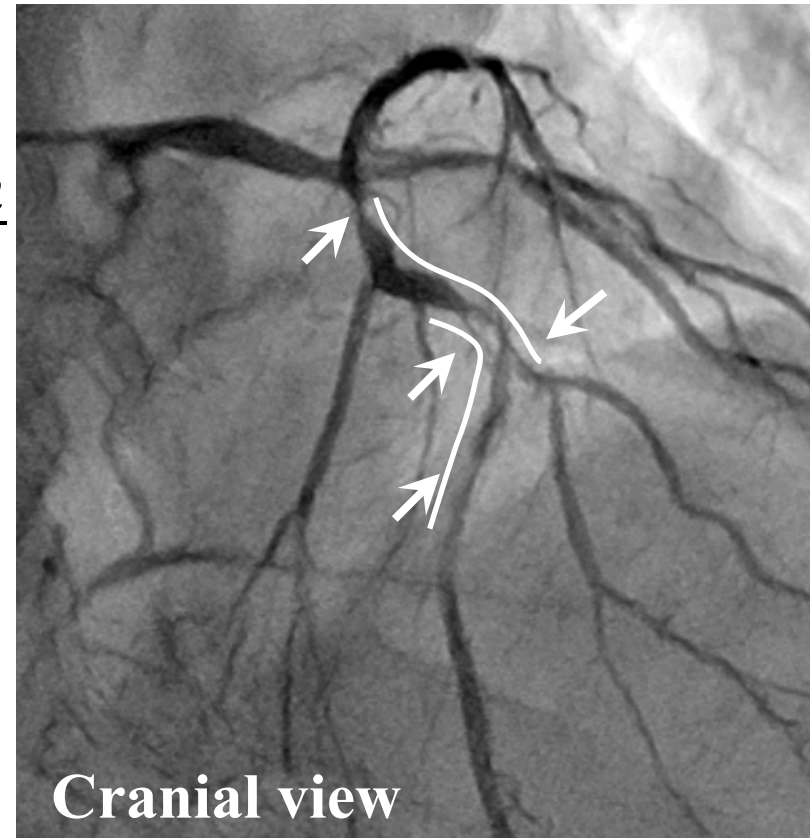
eGFR: 47.6

SYNTAX Score: 36

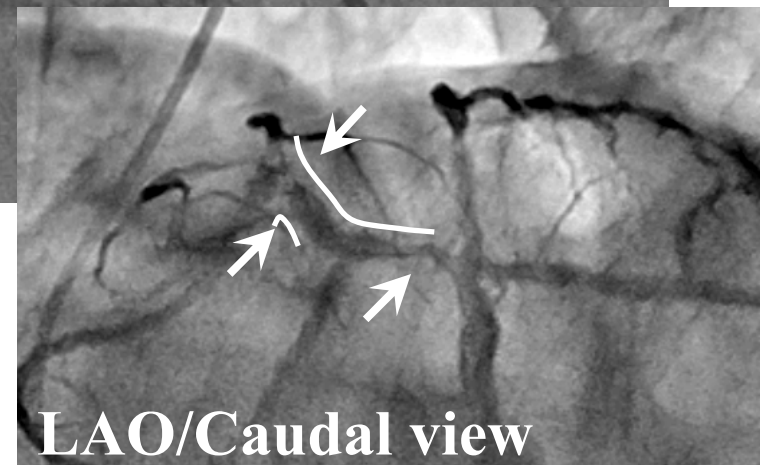
Final CAG findings: '16.03.10

**CAG: prox. LAD 75%(ISR),
mid. LAD 99%(ISR),
ost. 1st diagonal 90%,
dis. LCX 75%, HL 90%,
prox. RCA 75% → 0%(Stent),
dis. RCA ISR 99% → 0%(Stent)**

LV EF(MRI): 58.5%



Cranial view



LAO/Caudal view



Case Bif-3 70's male

Target Lesion: dis. RCA

Diagnosis: AP, OMI

Prior intervention:

'09.08.14	PES × 3	(mid.-dis. RCA AMI)
'09.08.20	SES	(prox. LAD)
'12.09.25	EES	(prox. RCA)
	EES	(PD branch)
'13.10.11	EES × 2	(mid.-dis. LAD)
		,other hospital

Coronary risk factor:

DM, Dyslipidemia

eGFR: 64.1

SYNTAX Score: 16

Final CAG findings: '16.04.15

(other hospital)

CAG: AV branch diffuse 90%

1st diagonal 90%

prox.LCX 90%

LV EF(UCG): 51.0%

