

Admission reason / complaint

this is a 48 years old male patient, known to have ischemic heart disease with history of open heart surgery, complaining of chest pain radiating to the left side.
admitted for cardiac cath.

Admission diagnosis

chest pain

Significant physical and other findings

General: Conscious , Alert , Oriented
Head and Neck: No Jaundice or Pallor, No Lymphadenopathy
Chest: Good Bilateral Air Entry, No Added Sounds
Precordium: Audible S1S2 and No Heard Murmurs
Abdomen: Soft, Lax, and Non-tender

Diagnostic and therapeutic procedures performed

ECG was done

cardiac cath on 9-5-2022@12:00pm :
severe 3 vessel disease
distal left main 95% occluded
proximal circumflex subtotal occlusion
proximal LAD totally occluded
portal stent
PCI of circumflex

cardiac cath on 9-5-2022 @12:30pm :
PCI of circumflex
multiple wiring and multiple ballooning for totally occluded circumflex with n/c balloon
drug eluting balloon

Laboratory &Radiology

Platelets Count ,
Glucose P.O.C.T ,
Check NOTES Section Below

Significant medications and other treatment

/// isosorbide dinitrate injection (Isoket 10mg/10ml ampoule).
/// heparin injection (Heparin Hikma 5000 unit /ml (5ml) vial).
/// isosorbide dinitrate tablet (Isobide 20 mg 20 capsules).
/// iomeprol injection (Iomeron 400 -100ml bottle).
/// eplerenone tablets (Elerax 25mg 30 tablets).
/// hydrocortisone injection (Hydrocortisone sodium 100 mg injection).
/// esomeprazole injection (Nexium 40 mg vial).
/// ezetimibe +atorvastatin tab (AtoZet 10mg / 40mg 30 tab).
/// bisoprolol tablet (Concor 5 mg 30 tablets).

Admission reason / complaint

A 46 yearold male patient , known case of HTN , coronary artery disease status post CABG, presented complaining of chest pain since 1 week , associated with fatigibility and difficulty breathing , admitted for cardiac cath , also he has lower limbs pain and claudication and for lower limbs angio .

Admission diagnosis

chest pain
lower limbs claudication

Significant physical and other findings

general: conscious oriented alert
head and neck: no pallor, no jaundice
respiratory: good bilateral air entry
cardiovascular: normal s1,s2
abdomen: soft lax
neurological: intact

Diagnostic and therapeutic procedures performed

cardiac cath showed total LAD , total circumflex , distal RCA lesion , total occluded proximal LAD , he needs circumflex , LAD , RCA redo CABG
lower limbs angio showed , left commo iliac artery mild disease , left common iliac stenosis , SFA mid lesion , right common iliac mild lesion SFA 20% MID

Laboratory &Radiology

Cardiac Enzymes .
Complete Blood Count .
Magnesium ;Serum .
Kidney Function Test .
Prothrombin Time .
Partial Thromboplastin Time .

Significant medications and other treatment

/// iomeprol injection (Iomeron 400 -50ml bottle).
/// bisoprolol tablet (Concor 5 mg 30 tablets).
/// acetyl salicylic acid tablet (Aspirin protect 100 mg 30 tablets).
/// ticagrelor tablet (Brilinta 90mg 56 tablets).
/// sacubitril+valsartan tablet (Entresto 50mg 28 tablets).
/// lidocaine injection (Lidocaine 2% 20 ml ampoule).
/// trimetazidine tablet (Vastarel MR 35 mg 60 tablets).

Course in hospital & complications

SMOOTH

Consultation summary

Dr Tareq Massemi
Dr Abdul Hakeem Dieh

Admission reason / complaint

A 48 year old male patient known case of coronary artery disease with CABG and 16 stent.

He presented for follow up post cardiac cath and ballon dilation, and he was admitted for stenting and angiography for both legs due to complaint of lower leg pain.

Admission diagnosis

coronary artery disease

Significant physical and other findings

General : Conscious , alert , oriented

Head and neck : No pallor, no Jaundice.

Cardiovascular : Normal S1, S2 without murmur

Chest : Good bilateral air entry , no added sounds

Abdomen : soft and lax

Neurology : No focal deficit

Musculoskeletal : No lower limb edema

Diagnostic and therapeutic procedures performed

ECG

Cardiac cath(PCI of CX), "coronary arterial diagram showed:

severe 3 vessele disease,distal left main artery totally occluded,ostial LAD totally occluded, ostial cx totally occluded,potent stent of RCA

Laboratory &Radiology

Platelets Count ..

Glucose P.O.C.T ..

Check NOTES Section Below

Significant medications and other treatment

/// iomeprol injection (Iomeron 400 -100ml bottle).

/// iomeprol injection (Iomeron 400 -50ml bottle).

/// tirofiban injection (Aggrastat 12.5mg/50ml vial).

/// esomeprazole injection (Nexium 40 mg vial).

/// heparin injection (Heparin 5000unit /ml (5ml) LEO vial).

/// acetyl salicylic acid tablet (Aspirin protect 100 mg 30 tablets).

/// atorvastatin tablet (Lipodar 80 mg 30 tablets).

/// lidocaine injection (Lidocaine 2% 20 ml ampoule).

/// prasugrel tablet (Lexar 10 mg 30 tablets).

Course in hospital & complications

CCU admision

Consultation summary

None

Final diagnosis and co-morbidities

coronary artery disease

Admission reason / complaint

A 48 year-old male patient known to have CAD, old CABG, multiple PCI, complaining of chest pain for more than one year now, on effort, improved by rest or isosorbide.
3 days ago, the pain became more severe, prolonged, radiating to left shoulder and arm, occurs on minimal effort and on rest.
Today, the pain was continuous and radiating and associated with profuse sweating.

Admission diagnosis

Chest pain.

Significant physical and other findings

General : Conscious , alert , oriented
Head and neck : No pallor, no Jaundice.
Cardiovascular : Normal S1, S2 without murmur
Chest : Good bilateral air entry , no added sounds
Abdomen : soft and lax
Neurology : No focal deficit
Musculoskeletal : No lower limb edema.

Diagnostic and therapeutic procedures performed

ECG

cardiac catheterization:
severe 3 vessel disease
patent LM
RCA distal lesion 90%
PCI to RCA

Echo:

severely depressed left ventricular systolic pressure
dilated left ventricle and atrium
anteroseptal hypokinesia, thin wall
mild-moderate MR grade2
mild TR grade1

Laboratory &Radiology

Complete Blood Count .,
Glycosylated Hemoglobin .,
Thyroid Stimulating Hormone(3rd) Generation .,
Thyroxine (T4); Free .,
Magnesium ;Serum .,
K.F.TEST (INS) .,
Prothrombin Time .,
ProBNP .,
Kidney Function Test .,
Liver Function Test .,
Albumin;Serum .,
Cardiac Enzymes .,
Triiodothyronine (T3); Free .,

conv		Biochemistry		SI
Liver Function Test		Audit by:ALI Hasan Kattab - 27/03/2022 22:55		
Protein;Total;Serum				
# TP				
7.60	g/dl	76		g/L
Ref.R : Premature :3.6-6.0 g/dL		Premature :36-60 g/L		
Newborn:4.6-7.0 g/dL		Newborn:46-70 g/L		
1 week : 4.4-7.6 g/dL		1 week : 44-76 g/L		
7 months- 1 year : 5.1-7.3 g/dL		7 months- 1 year : 51-73 g/L		
1-2 years : 5.6-7.5 g/dL		1-2 years : 56-75 g/L		
more than 2 years : 6.0-8.0 g/dL		more than 2 years : 60-80 g/L		
Adult : 6.0-8.3 g/dl		Adult : 60-83 g/L		
Albumin;Serum				
# Alb				
4.30	g/dL	43		g/L
Ref.R : 3.5 - 5		35 - 50		
Globulin				
Glob				
3.30	g/dL	33		g/L
Ref.R : 2.5-3.5 g/dL		25-35 g/L		
Albumin/Globulin Ratio				
Alb./Glob.Ratio				
1.3	Ratio			Ratio
Ref.R : 1.1-2.2				
Bilirubin;Total				
# Bil T				
0.30	mg/dL	5.13		umol/L
Ref.R : 0.2-1.2 mg/dL,		3.4-20.5 Umol/L		
Bilirubin;Direct				
# Bil D				
0.11	mg/dL	1.881		umol/L
Ref.R : 0.0-0.5 mg/dl		0.0-8.6 Umol/L		

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conv		Biochemistry		SI
Liver Function Test				
Alkaline Phosphatase;Total				
# ALP				
61	u/L	1.037		u Kat/L
Ref.R : Male & Female:		Male & Female:		
1-12 Yrs:Less Than 500 u/l		1-12 Yrs:Less Than 8.25 uKat/l		
Male :		Male :		
12-15 Yrs:Less Than 750 u/l		12-15 Yrs Less Than 12.375 uKat/l		
Male & Female		Male & Female:		
More Than 15 Yrs: 40-150 u/l		More Than 15 Yrs 0.66 -2.475 uKat/l		
Alanine Aminotransferase				
# GPT/ ALT				
15	u/L	0.255		u Kat/L
Ref.R : Up To 55 U/L		Adult Male :up to 0.75 ukat /L		
		Adult Female : up to 0.57 ukat /L		
Aspartate Aminotransferas				
# GOT/ AST				
18	u/L	0.306		u Kat/L
Ref.R : 5-34 U/L		0.083 - 0.56 uKat/l		
Lactate Dehydrogenase; Serum				
# LDH				
192	u/L	3.264		u Kat/L
Ref.R : 125-243 U/L		2.08 -3.67 ukat/L		
Gamma Glutamyl Transferase (GGT)				
# GGT				
23	u/L	0.391		u Kat/L
Ref.R : Male :12- 64 U/L		Male :up to 0.92 ukat/L		
Female : 9- 36 U/L,		Female : up to 0.63 ukat/L		
Glycosylated Hemoglobin				Audit by:ALI Hasan Kattab - 27/03/2022 22:55

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Biochemistry		SI
conv		
Glycosylated Hemoglobin		
# HbA1c		
5.23	%	-
Ref.R : Healthy individuals:4.8% - 5.9% At risk of developing diabetes : 5.7% - 6.4% Diagnostic of diabetes mellitus (ADA) : more than 6.5% Fairly controlled diabetes: up to 7.0% Therapeutic action suggested : more than 8.0 %		
ProBNP		Audit by:ALI Hasan Kattab - 27/03/2022 22:55
306.0	pg/mL	2587.842 pmol/L
Ref.R : Less Than 125 pg/ml (Exclude Cardiac Dysfunction) More Than 125 pg/ml (Increased Risk Of Cardiac Complication)		Less Than 1057 pmol/L (Exclude Cardiac Dysfunction) More Than 1057 pmol/L (Increased Risk Of Cardiac Complication)
Magnesium ;Serum		Audit by:ALI Hasan Kattab - 27/03/2022 22:55
# Mg		
1.90	mg/dL	0.7809 mmol/L
Ref.R : 1.6 - 2.6		0.66 - 1.07
Kidney Function Test		Audit by:ALI Hasan Kattab - 27/03/2022 22:55
Urea		
#urea		
35	mg/dL	5.845 mmol/L
Ref.R : 11-50 mg/dl		1.8-8.35 mmol/l
Creatinine;Serum		
#Creat		
0.85	mg/dL	75.14 umol/L
Ref.R : 0.6 - 1.25		53.04 - 110.5

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Location : CCU (Room 11) Bed 11
Request Date : 27/03/2022 21:28
Result Entry : 27/03/2022 22:55

Gender : Male
Birth Date : 25-01-1974
Department : وحدة العناية الحثيثة

Biochemistry			
conv		SI	
Kidney Function Test			
Sodium; serum			
# Na			
139	M Eq/L	139	mmol/L
Ref.R : 135-150 MEq/L		135 - 150 mmol/L	
Potassium			
# K			
4.60	M Eq/L	4.6	mmol/L
Ref.R : 3.5-5.3 M Eq/L		3.5-5.3 mmol/L	
Chloride			
# Cl			
<u>109</u>	M Eq/L	<u>109</u>	mmol/L
Ref.R : 98 - 107		98 - 107	
Calcium;Serum			
# Ca			
9.3	mg/dL	2.325	mmol/L
Ref.R : 8.4 - 10.2		2.1 - 2.55	
Phosphorus;Serum			
# Phos			
3.95	mg/dL	1.27585	mmol/L
Ref.R : Children : 3.7 - 5.6 mg/dl Adults : 2.5 - 4.7 mg/dl.		Children : 1.2 - 1.8 mmol/l Adults : 0.74 - 1.52 mmol/l.	
Uric Acid ;Serum			
# URIC			
6.00	mg/dL	0.354	mmol/L
Ref.R : 3.7 - 7.7		0.22 - 0.45	
Cardiac Enzymes		Audit by:ALI Hasan Kattab - 27/03/2022 22:55	

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Request Date : 27/03/2022 21:28
Result Entry : 27/03/2022 22:55

Birth Date : 25-01-1974
Departement وحدة العناية الحثيثة

Biochemistry			
conv		SI	
Cardiac Enzymes			
Creatine Kinase (CPK)			
# CPK			
101	u/L	1.717	u Kat/L
Ref.R : Male : 30-200 U/L		Male : 0.51-3.4 uKat/L	
Female : 29-168 U/L		Female : 0.49 -2.9 uKat/L	
Creatine Kinase MB(CK-MB)			
CK-MB			
1.54	ng/mL	1.54	ug/L
Ref.R : Female Up To 4.88 ng/ml		Female Up To 4.88 ng/ml	
Male Up To 6.22 ng/mL		Male Up To 6.22 ng/mL/L	
Troponin T(High Sensitive)			
# Troponin T(HS)	Informed by (HAMDI) to (ASAAM) at (10:50 PM) ,Read back okay		
<u>0.032</u>	ng/mL	<u>0.032</u>	ug/L
Ref.R : 0 - 0.014		0 - 0.014	
Special Chemistry			
conv		SI	
Thyroxine (T4); Free			
Audit by:ALI Hasan Kattab - 27/03/2022 22:55			
# Free T4			
0.94	ng/dL	12.0978	pmol/L
Ref.R : 0.7 - 1.48 ng/dL		9.0 -19.04 pmol/L	
Triiodothyronine (T3); Free			
Audit by:ALI Hasan Kattab - 27/03/2022 22:55			
# Free T3			
3.06	pg/mL	4.70016	pmol/L
Ref.R : 1.58-3.91 pg/ml		2.43- 6.01 pmol/L	
Thyroid Stimulating Hormone(3rd) Generation			
Audit by:ALI Hasan Kattab - 27/03/2022 22:55			

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Special Chemistry			
conv		SI	
Thyroid Stimulating Hormone(3rd) Generation			
# TSH			
1.44	uIU/mL	1.44	mIU/L
Ref.R : 0.27 - 4.2		0.27 - 4.2	
Hematology			
conv		SI	
Complete Blood Count			
Audit by:ALI Hasan Kattab - 27/03/2022 22:06			
Hemoglobin			
Hb			
15.6	g/dl	156	g/L
Ref.R : 13 - 17		130 - 170	
Packed Cell Volume			
PCV			
45.2	%	0.452	l/l
Ref.R : 40 - 50		0.4 - 0.5	
Red Blood Cells			
# RBCs			
4.69	X 10 ⁶ / cu mm	4.69	X 10 ¹² /l
Ref.R : 4.5 - 5.9		4.5 - 5.9	
Mean Cell Volume			
# MCV			
96.2	fl	96.2	fl
Ref.R : 82 - 100		82 - 100	
Mean Cell Heamoglobin			
# MCH			
<u>33.2</u>	pg	<u>33.2</u>	pg
Ref.R : 27 - 32		27 - 32	

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Hematology			
conv		SI	
Complete Blood Count			
Mean Cell Heamoglobin Concentration			
# MCHC			
34.5	g/dl	345	g/L
Ref.R : 31.5 - 34.5		315 - 345	
Red Cell Distribution Width			
# RDW			
12.9	%	12.9	%
Ref.R : 11.6 - 14		11.6 - 14	
Platelets Count			
# Platelets			
256	X10^9/L	256	X10^9/L
Ref.R : 150 - 400		150 - 400	
Mean Platelet Volume			
# MPV			
7.53	fL	7.53	fL
Ref.R : 6 - 10		6 - 10	
White Blood Cells Count			
# WBCs			
10.3	X10^9/L	10.3	X10^9/L
Ref.R : 4.5 - 11		4.5 - 11	
Neutrophils			
Neutro			
55	%		-
Ref.R : 30%-75%			
Band			
00	%		-
Ref.R : 0-5%			

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conv		Hematology		SI
Complete Blood Count				
Lymphocytes				
Lymph	34	%		-
Ref.R : 20%-40%				
Monocytes				
Mono	8	%		-
Ref.R : 2%-10%				
Eosinophils				
Eosin	2	%		-
Ref.R : 1%-6%				
Basophils				
Baso	1	%		-
Ref.R : 0-1%				
conv		Coagulation		SI
Prothrombin Time		Audit by:firas mohammad mallah - 27/03/2022 22:19		
Patient				
PT	11.7	Sec		
Ref.R : 9.6 - 13.6			9.6 - 13.6	
Control				
PT	11.4	Sec		
Ref.R :				

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Gender : Male
Birth Date : 25-01-1974
Departement : وحدة العناية الحثيثة

Coagulation			
conv		SI	
Prothrombin Time			
INR			
1.03			
Ref.R : INR Normal Value:1.0			
INR Theraputic Range:2-3			
Partial Thromboplastin Time		Audit by:firas mohammad mallah - 27/03/2022 22:19	
Patient			
PTT			
30.4		Sec	-
Ref.R : 24.1 - 35		24.1 - 35	
Control			
PTT			
28.0		Sec	-
Ref.R :			

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Medications at discharge

panadol 500 mg 2*3 PRN
augmentin 650 for 5 day 1*3
concor po 5mg 1*1
ranexa po 500 mg 1*2
Brilinta po 90 mg 1*2
Inegy po 10/40 1*1
aspirin po 100 1*1
vastred po 35 1*2
lansoprazol po 40 mg 1*1
Elerax po 25 1*1
Entresto po 50 1*2