mitchkuether@gmail.com

Queensland Government

Queensland Health

Discharge Summary

Patient Details

URN	: 1193014
IHI	: 8003 6010 6154 0709
Patient Name	: KUETHER, MITCHELL STEPHEN
Address	: 16/6 WALES COURT MOUNT COOLUM 4573
Date of Birth	: 06-Aug-1991 (32 years)
Sex	: Male
Phone 1	: (0475) 197 627
Phone 2	: (0475) 197 627

Facility
Sunshine Coast University Hospital
6 Doherty St, Birtinya QLD 4575
Phone : (07) 5202 0000
Fax : (07) 5202 1377

Summary Author
Hasini Madagammana

Episode Details

Consultant	: DR HENRY HUANG
Registrar	:
Facility Unit	: HITH
Admission Source	: Transferred from another hospital
Admission Date	: 27-Jun-2024 19:29

Discharge Details

Reason	:
Status	:
Phone	:
Address	:
Discharge Date	: 29-Jul-2024

Reason for Admission/Presenting Problems
32M presented with worsening L wrist pain & swelling 4/52 post penetrating injury to volar distal forearm from box cutter. Sutured in Chinchilla ED + 24hrs IV Abx.
Left wrist washout + extended carpal tunnel release 28/7/24 for septic arthritis.

Principal Diagnosis

Diagnosis	Comments
MSSA L wrist Septic Arthritis complicated by Blood Stream Infection	Left wrist

Secondary Diagnosis

Date	Problem	Comments
	Bacteraemia	MSSA
	Transient derranged LFTs	Likely Antibiotic induced
	Incidental Finding of dilated LV with preserved EF	Comments

Previous Medical History

Date	Problem	Comments
	Constipation	Inactive

Inpatient Clinical Management

Clinical Progress

Patient admitted under Dr Tunggal
Proceeded with Left wrist washout + extended carpal tunnel release 28/7/24.
Op note included below.

Summary
Case Number: Case Number
SCMOT-2024-11486
.
Procedure Performed:
Arthroscopy of wrist (SNOMED CT 385032015).
Debridement (SNOMED CT 61347017)..
Consultant(s): TUNGGAL, JAMES AGUS WIDJAYA SMO .
Surgeon(s): MARKS, LINDSEY AMOS REG .

Clinical Progress

- Clinical imaging reviewed (27/07) - No clinical concern, left wrist swelling with reduced ROM/No cellulitis

Deranged LFTs - transient
- mixed hepatitic/cholestatic, commenced 5/7 post switch to fluclox
- Normal LFT on discharge

Incidental dilated LV with preserved EF (61%)
- for GP f/u/surveillance

Plan on discharge from HiTH service
- ID OPD review on 29/07
- Hand OT review on 31/07
- Ortho OPD review on 02/08/2024
- GP to folllow up incedental finding of dilate LV with preserved EF

Complications

Nil Entered

Procedures Performed

Description	Date	Consultant
Irrigation of joint cavity	28-Jun-2024 11:16	JAMES AGUS WIDJAYA TUNGGAL

Medications at Admission

Nil Entered

Medications at Discharge

Generic (Brand name) Strength Form	Directions	Status	Reason
Hospital In The Home	This medication list is current at the time of discharge to HITH		
Flucloxacillin (Baxter Manufactured) 8g/240mL INFUSOR	Infuse the contents of 1 elastomeric device once each day (For administration by the HITH nurse)	New - Temporary:EDD: 29/7/2024	Antibiotic
Paracetamol (BG) 500mg Tablets	Take 2 tablets FOUR times a day . Maximum of 8 paracetamol containing tablets in 24 hours. Take regularly as BASELINE PAIN RELIEF, reduce dose as pain allows.	New - Temporary	Relief of mild to moderate pain
Celecoxib (APO-Celecoxib) 100mg Capsules	Take 1 capsule TWICE a day	New - Temporary	Reduce inflammation and relieves moderate pain
Pantoprazole (APO-Pantoprazole) 40mg Tablets	Swallow whole 1 tablet in the MORNING	New - Temporary	Treat/prevent ulcer [whilst taking celecoxib]
Oxycodone (OxyNorm) 10mg Capsules	Take 1 capsule every FOUR hours when required	New - Temporary	Treat severe pain

Medications Ceased this Admission

Nil Entered

Adverse Reactions

Agent Description	Reaction Description	Initial Reaction Date	Approx?
No Known Allergies	Nil Entered		

Investigation : Chemistry 20 Analytes
Order Date : 25-Jul-2024 (Date Requested)
Order Number : 3456155564
Specimen Type : Blood
Specimen Collected : 28-Jul-2024 09:40
Investigation Status : Corrected

Observation	Value	Result Flag	Units	Ref. Range	Status
Sample Appearance	Haem 1+				Final
Sodium	140	N	mmol/L	135 - 145	Final
Potassium	5.0	N	mmol/L	3.5 - 5.2	Final
Chloride	105	N	mmol/L	95 - 110	Final
Bicarbonate	29	N	mmol/L	22 - 32	Final
Anion Gap	6	N	mmol/L	4 - 13	Final
Osmolality (Calculated)	294	N	mmol/L	275 - 295	Final
Glucose	5.0	N	mmol/L	3.0 - 7.8	Final
Glucose - fasting RR	-->	N		3.0 - 6.0	Final
Urea	3.0	N	mmol/L	2.1 - 7.1	Final
Creatinine	73	N	umol/L	60 - 110	Final
Urea/Creat	41	N		40 - 100	Final
Urate	0.28	N	mmol/L	0.15 - 0.50	Final
Protein (Total)	70	N	g/L	60 - 80	Final
Albumin	36	N	g/L	35 - 50	Final
Globulin	34	N	g/L	25 - 45	Final
Bilirubin (Total)	7	N	umol/L	< 20	Final
Bilirubin (Conj.)	< 4	N	umol/L	< 4	Final
Alkaline Phosphatase	59	N	U/L	30 - 110	Final
Gamma-GT	41	N	U/L	< 55	Final
Alanine Transaminase	19	N	U/L	< 45	Final
Aspartate Transaminase	22	N	U/L	< 35	Final
Lactate Dehydrogenase	228	N	U/L	120 - 250	Final
Calcium	2.38	N	mmol/L	2.10 - 2.60	Final
Calcium (Alb. Corr.)	2.46	N	mmol/L	2.10 - 2.60	Corrected
Phosphate	1.14	N	mmol/L	0.75 - 1.50	Final
Magnesium	0.79	N	mmol/L	0.70 - 1.10	Final

Investigation : C-Reactive Protein
Order Date : 25-Jul-2024 (Date Requested)
Order Number : 3456155564
Specimen Type : Blood
Specimen Collected : 28-Jul-2024 09:40
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
C-Reactive Protein	<0.5	N	mg/L	< 5.0	Final

Observation	Value	Result Flag	Units	Ref. Range	Status
Phosphatase					
Gamma-GT	234	H	U/L	< 55	Final
Alanine Transaminase	90	H	U/L	< 45	Final
Aspartate Transaminase	50	H	U/L	< 35	Final
Lactate Dehydrogenase	148	N	U/L	120 - 250	Final
Calcium	2.39	N	mmol/L	2.10 - 2.60	Final
Calcium (Alb. Corr.)	2.49	N	mmol/L	2.10 - 2.60	Corrected
Phosphate	1.04	N	mmol/L	0.75 - 1.50	Final
Magnesium	0.77	N	mmol/L	0.70 - 1.10	Final

Investigation : C-Reactive Protein
Order Date : 07-Jul-2024 (Date Requested)
Order Number : 3453129609
Specimen Type : Blood
Specimen Collected : 07-Jul-2024 03:47
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
C-Reactive Protein	14	H	mg/L	< 5.0	Final

Investigation : Full Blood Count
Order Date : 07-Jul-2024 (Date Requested)
Order Number : 3453129609
Specimen Type : Blood
Specimen Collected : 07-Jul-2024 03:47
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
Haemoglobin	130	L	g/L	135 - 180	Final
White Cell Count	7.0	N	x 10^9/L	4.0 - 11.0	Final
Platelet Count	297	N	x 10^9/L	140 - 400	Final
Haematocrit	0.39	N		0.39 - 0.52	Final
MCH	28.8	N	pg	27.0 - 33.0	Final
Red Cell Count	4.52	N	x 10^12/L	4.50 - 6.00	Final
MCV	86	N	fL	80 - 100	Final
Neutrophils	2.92	N	x 10^9/L	2.00 - 8.00	Final
Lymphocytes	3.19	N	x 10^9/L	1.00 - 4.00	Final
Monocytes	0.52	N	x 10^9/L	0.10 - 1.00	Final
Eosinophils	0.24	N	x 10^9/L	< 0.60	Final
Basophils	0.09	N	x 10^9/L	< 0.20	Final

Investigation : C-Reactive Protein
Order Date : 05-Jul-2024 (Date Requested)
Order Number : 3452957641
Specimen Type : Blood
Specimen Collected : 05-Jul-2024 13:48
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
C-Reactive Protein	18	H	mg/L	< 5.0	Final

Investigation : C-Reactive Protein
Order Date : 28-Jun-2024 (Date Requested)
Order Number : 3452150522
Specimen Type : Blood
Specimen Collected : 30-Jun-2024 05:25
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
C-Reactive Protein	155	H	mg/L	< 5.0	Final

Investigation : C-Reactive Protein
Order Date : 28-Jun-2024 (Date Requested)
Order Number : 3451994696
Specimen Type : Blood
Specimen Collected : 28-Jun-2024 18:10
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
C-Reactive Protein	117	H	mg/L	< 5.0	Final

Investigation : Blood_Culture
Order Date : 28-Jun-2024 (Date Requested)
Order Number : 3451972948
Specimen Type : Blood
Specimen Collected : 28-Jun-2024 15:00
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
MICROBIOLOGY	BLOOD CULTURE MICROBIOLOGY				Final

Lab No. : 34519-72948
Micro No. : SC24M61052

Collected : 15:00 28-Jun-24
Ward : Extend Day Surg Un POD6 (SCUH)
Registered : 15:06 28-Jun-24

Specimen : Blood

Positive Bottles : 1 of 2
Growth After : 43 hrs

Gram Stain : Gm pos cocci resemb. Staphylococci

Culture :

	PEN	FLU	CFZ
Staphylococcus aureus	R	S	S

Antibiotic Abbreviations Guide:
PEN Penicillin G
FLU Di(Flu)cloxacillin
CFZ Cefazolin

Investigation : Operative/Invas_Spec.
Order Date : 28-Jun-2024 (Date Requested)
Order Number : 3451951651
Specimen Type : Swab
Specimen Collected : 28-Jun-2024 12:38
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status

Gram Stain : Leucocytes scant
No organisms seen

CULTURE :
Staphylococcus aureus 2+

Comments : * Heavily blood stained specimen received. Unsuitable for cell count. Culture only performed. For susceptibility please refer to report - 34519 43244 collected 28-Jun-2024.

Investigation : Tissue
Order Date : 28-Jun-2024 (Date Requested)
Order Number : 3451943244
Specimen Type : Tissue
Specimen Collected : 28-Jun-2024 11:16
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
MICROBIOLOGY	MICROBIOLOGY FROM OPERATIVE/INVASIVE SPECIMENS				Final

Lab No. : 34519-43244
Micro No. : SC24M60989

Collected : 11:16 28-Jun-24
Ward : Extend Day Surg Un POD6 (SCUH)
Registered : 11:45 28-Jun-24

Specimen : Tissue
Left Space of Porona

Gram Stain : Leucocytes 1+
Epithelials Nil
Gram pos. cocci scant

Culture :

	PEN	FLU	CFZ	DA
Staphylococcus aureus 3+	R	S	S	S

	SXT
Staphylococcus aureus 3+	S

Antibiotic Abbreviations Guide:

PEN	Penicillin G	FLU	Di(Flu)cloxacillin
SXT	Co-trimoxazole	CFZ	Cefazolin
		DA	Clindamycin

Observation	Value	Result Flag	Units	Ref. Range	Status
	Culture : No growth				
	Comments : * Heavily blood stained specimen received. Unsuitable for cell count. Culture only performed.				

Investigation : Fluid M/C/S
Order Date : 27-Jun-2024 (Date Requested)
Order Number : 3451830045
Specimen Type : Aspirate
Specimen Collected : 27-Jun-2024 15:40
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
MICROBIOLOGY	BODY FLUID EXAMINATION				Final

Lab No. : 34518-30045
Micro No. : SC24M60869

Collected : 15:40 27-Jun-24
Ward : Emergency Department (NMH)
Registered : 15:56 27-Jun-24

Specimen : Aspirate Wrist

Volume : 1.0 mL
Appearance : Bloodstained
Viscosity : Raised
Cell Count : WBC's * x10^6/L
RBC's * x10^6/L

Crystals : Sodium Urate scant

Gram Stain : Gram pos. cocci 1+

CULTURE :

	PEN	FLU	CFZ	DA
Staphylococcus aureus 1+	R	S	S	S

	SXT
Staphylococcus aureus 1+	S

Antibiotic Abbreviations Guide:

PEN	Penicillin G	FLU	Di(Flu)cloxacillin
SXT	Co-trimoxazole	CFZ	Cefazolin
		DA	Clindamycin

Comments : * Heavily blood stained specimen received. Unsuitable for cell count. Culture only performed.

Investigation : Full Blood Count
Order Date : 27-Jun-2024 (Date Requested)
Order Number : 3451790988
Specimen Type : Blood
Specimen Collected : 27-Jun-2024 11:40
Investigation Status : Final

Observation	Value	Result Flag	Units	Ref. Range	Status
Haemoglobin	141	N	g/L	135 - 180	Final
White Cell Count	12.9	H	x 10^9/L	4.0 - 11.0	Final
Platelet Count	346	N	x 10^9/L	140 - 400	Final
Haematocrit	0.41	N		0.39 - 0.52	Final
MCH	29.5	N	pg	27.0 - 33.0	Final
Red Cell Count	4.78	N	x 10^12/L	4.50 - 6.00	Final
MCV	87	N	fL	80 - 100	Final
Neutrophils	10.05	H	x 10^9/L	2.00 - 8.00	Final
Lymphocytes	1.93	N	x 10^9/L	1.00 - 4.00	Final
Monocytes	0.72	N	x 10^9/L	0.10 - 1.00	Final
Eosinophils	0.12	N	x 10^9/L	< 0.60	Final
Basophils	0.06	N	x 10^9/L	< 0.20	Final

Medical Imaging

Investigations : Transthoracic Echocardiogram
Date : 05-Jul-2024 10:18
Report Date : 05-Jul-2024 12:30
Reported by : Karthigesh Sree Raman
Status : Corrected

Report

The report is not available in discharge summaries, but it can be viewed in The Viewer by authorised QH staff. If you require a copy of the results please contact the hospital

Investigations : XR Left Wrist
Date : 27-Jun-2024 14:39
Report Date : 27-Jun-2024 21:11
Reported by : Ben Edwards
Status : Final

Report

Clinical Indication
History as provided: "Define ?septic left wrist."

Findings
No evidence of established osteomyelitis. Marked soft tissue swelling noted.

Electronically signed by:
Ben Edwards, Radiologist

Investigations : US Soft Tissue
Date : 27-Jun-2024 13:42
Report Date : 27-Jun-2024 17:00
Reported by : Sion Quayle
Status : Final

Report

Clinical Indication
History as provided: "Define Left wrist/ pain/finger swelling/pain ongoing. ? tenosynovitis, define fluid in flexor tendon sheath. Previous USS Roma Hospital 12/6/24"

Sonographers Worksheet
SONOGRAPHER: Lisa Kell

Authorising Clinician

Name Hasini Madagammana Date Authorised 29-Jul-2024

Position House Officer Nights NGH

Although the discharge summary author is usually one of the clinicians responsible for the patient's care at the time of discharge, in some instances the author may not have been a treating clinician.

All information in this transmission is confidential.
If this transmission is received in error, please return by facsimile to 52021377 with a note 'patient not known to practice'.

This document is a point in time summary based on information available. New or amended results may become available following discharge.

IN TERMS OF INFORMATION SECURITY/PRIVACY AND RELIABILITY THE BEST WAY TO RECEIVE DISCHARGE SUMMARIES IS ELECTRONICALLY.

1. To receive discharge summaries electronically into your practice management software, please email EDSTV-Corro@health.qld.gov.au.

2. To register for online access to your patient results, SCHHS outpatient letters and discharge summaries via the Health Provider Portal (HPP), register at www.health.qld.gov.au/hp-portal. For technical assistance call the GP Viewer Helpline on 1300 478 439.

3. A Patients My Health Record may contain Pathology and Radiology results, and QH Discharge summaries.

Queensland Government

SUNSHINE COAST HOSPITAL AND HEALTH SERVICE DEPARTMENT OF CARDIOLOGY

Transthoracic Echocardiogram Report

KUETHER, MITCHELL		Facility:	SUNSHINE COAST UNIVERSITY HOSPITAL	Sonographer:	Michelle Berger
MRN:	1193014-SCH			Reporting Doctor:	Karthigesh Sree Raman
Gender:	Male	Exam Location:	Echo Lab	Ref. Doctor:	James Tunggal
DOB:	06-Aug-1991 Age: 32y	Equipment:	GE Vivid E95		
Ward:	EDSU	Exam Date:	05-Jul-2024 10:18		
Address:	16/6 WALES COURT , MOUNT COOLUM, 4573	Exam ID:	101445		
		Approach:	TTX (Adult)		

CLINICAL DETAILS

Indications: w/c + nil contact.
CAT 3 Staph aureus BSI, septic arthritis L wrist w staph, on IV cefazolin 4/7. TTE request as per INFD

FINDINGS

Left Ventricle: Mildly dilated left ventricle (LVEDD = 5.1 cm, LVEDV = 162 ml, indexed LVEDV = 82 ml/m²) with normal wall thickness and normal systolic function. No regional wall motion abnormalities. The estimated ejection fraction is 59% by Simpson's biplane method. The estimated 2D global longitudinal strain is 19.3% (normal: > 18%). Doppler parameters of diastolic function suggest normal filling pressures.

Right Ventricle: There is normal right ventricular size and systolic function.

Left Atrium: Normal left atrial size. Apical dimensions - the indexed left atrial volume is 31 ml/m² (normal < 34 ml/m²).

Right Atrium: Normal right atrial size. Apical dimensions - the indexed right atrial volume is 13 ml/m² (normal < 39 ml/m² men, < 33 ml/m² women). Normal IVC diameter with normal response to inspiration consistent with normal RA pressures of 3 mmHg.

Mitral Valve: The mitral valve is structurally and functionally normal. There is trivial mitral regurgitation.

Aortic Valve: The aortic valve is trileaflet and mildly sclerotic. There is trivial aortic regurgitation. Aortic root dimensions are within the normal limits for patient size.

Tricuspid Valve: Structurally normal tricuspid valve. There is insufficient tricuspid regurgitation to estimate the right ventricular systolic pressure.

Pulmonary Valve: Structurally normal pulmonary valve with trivial regurgitation.

Pericardium: There is no echocardiographic evidence of pericardial effusion.

Miscellaneous: No echocardiographic evidence of infective endocarditis seen, but unable to definitively exclude this with transthoracic imaging. If there is a high clinical suspicion, a trans-oesophageal echo examination could be considered.

Conclusions:
1. Mildly dilated left ventricular size with preserved ejection fraction (EF 61 %).
2. Normal right ventricular size and contraction.
3. Satisfactory valvular function.
4. No obvious echocardiographic evidence of infective endocarditis seen.

FINAL CHECK	YES
Patient identification verified	✓
Procedure and Consent verified	✓
Correct patient data entered	✓
Operator's Initials:	MB

Electronically Signed: Karthigesh Sree Raman
Final Date: 05/07/2024 12:30

MBS Code: 55126 - Initial scan for Suspected Heart Condition (previous >2 yrs)

BP:	135 / 90		HR:	78	bpm	Rhythm:	Sinus rhythm
Height:	180	cm	BSA:	1.97	m2	Technical Quality:	Fair
Weight:	78	kg	BMI:	24.07			