

**Bridge
Medical Centre**

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13/02/2023

Patrick Flynn
17 Dean Street
Tamworth NSW 2340
Fax: 67665888
Phone: 0267665444
reception@tamworthgastro.com.au

Dear Patrick Flynn

Mrs Christine May Cain, DOB: 19/11/1954
7 Ningadhun Cct, Narrabri NSW 2390
Home: , Mobile: 0427956128
Medicare number- 2239127422

Thank you for seeing Christine Cain 68 yrs, Female for an opinion and management. Christine has Asymptomatic deranged LFTs, please see attached.

BSL: 8.2mmol/l Non-fasting
BP (sitting): 149/75
Pulse: 63
Height: 168cm
Weight: 93kg
BMI: 33.0
Waist: 107cm
Hips: 117cm

Medication:

Rosuvastatin 10mg Tablet
allergies: nil known

one Daily.

Yours faithfully,



Dr Rohana Wanasinghe
MBBS, FRACGP

CAIN, CHRISTINE

WATTLE VALE, WEE WAA. 2388
 Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127421
 Your Reference: 6333794 Lab Reference: 6333794Z001
 Laboratory: SYDPATH
 Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Routine Chemistry
 Requested: 27/10/2022 Collected: 02/11/2022 Reported: 02/11/2022 10:57

	Current Result	Previous results for comparison only					Reference
Date:	02/11/22	30/06/22	03/02/22	17/12/21			(for this collection)
Time:	09:40	08:49	11:00	08:37			
Request No.:	6333794	6326826	6318528	6315963	Units		

Electrolytes (serum/plasma)

Sodium	142	140	144	144	mmol/L	135-145
Potassium	4.3	4.6	4.5	4.4	mmol/L	3.5-5.2
Chloride	105	108	107	108	mmol/L	95-110
Bicarbonate	29	27	29	25	mmol/L	22-32
Urea	5.4	4.4	5.0	4.3	mmol/L	3.5-8.0
Creatinine	59	52	57	47	umol/L	45-90
eGFR	>90	>90	>90	>90	mL/mn/1.73m2	>60
Calcium				2.33	mmol/L	
Magnesium				0.86	mmol/L	
Inorganic Phospha				1.13	mmol/L	

Liver Function Tests (serum/plasma)

Total protein	71	71	72	69	g/L	60-80
Albumin	39	38	41	38	g/L	33-48
Bilirubin total	9	12	10	12	umol/L	0-20
Alkaline phosphat	64	75	63	69	U/L	30-110
ALT	40 H	91 H	51 H	53 H	U/L	0-35
AST	43 H	87 H	58 H	62 H	U/L	0-30
GGT	67 H	132 H	72 H	80 H	U/L	0-35
LDH	203	237	250	243	U/L	0-430

CAIN, CHRISTINE
 7 NINGADHUN CCT, NARRABRI. 2390
 Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
 Your Reference: 6334311 Lab Reference: 6334311Z001
 Laboratory: SYDPATH
 Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Routine Chemistry
 Requested: 03/11/2022 Collected: 10/11/2022 Reported: 10/11/2022 10:40

	Current Result	Previous results for comparison only					Reference
Date:	10/11/22	02/11/22	30/06/22	03/02/22			(for this collection)
Time:	09:52	09:40	08:49	11:00			
Request No.:	6334311	6333794	6326826	6318528	Units		

Electrolytes (serum/plasma)

Sodium	140	142	140	144	mmol/L	135-145
Potassium	4.2	4.3	4.6	4.5	mmol/L	3.5-5.2
Chloride	107	105	108	107	mmol/L	95-110
Bicarbonate	26	29	27	29	mmol/L	22-32
Urea	4.5	5.4	4.4	5.0	mmol/L	3.5-8.0
Creatinine	54	59	52	57	umol/L	45-90
eGFR	>90	>90	>90	>90	mL/mn/1.73m2	>60
Calcium	2.46				mmol/L	2.10-2.60
Magnesium	0.78				mmol/L	0.70-1.10
Inorganic Phospha	1.10				mmol/L	0.70-1.50

Liver Function Tests (serum/plasma)

Total protein	69	71	71	72	g/L	60-80
Albumin	39	39	38	41	g/L	33-48
Bilirubin total	10	9	12	10	umol/L	0-20
Alkaline phosphat	74	64	75	63	U/L	30-110
ALT	37 H	40 H	91 H	51 H	U/L	0-35
AST	45 H	43 H	87 H	58 H	U/L	0-30
GGT	64 H	67 H	132 H	72 H	U/L	0-35
LDH	219	203	237	250	U/L	0-430

Tests Pending: 25VitD,AFP,TFT,Coag Screen,Antinuclear Antibodies,Anti Smooth Musc.
Ab,Anti Mitochon. Ab,Hepatitis B Surface Antigen,Hepatitis C Antibody,Hepatitis A Total
Ab,HIV Ag/Ab

CAIN, CHRISTINE

7 NINGADHUN CCT, NARRABRI. 2390

Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422

Your Reference: 6334311 Lab Reference: 6334311Z022

Laboratory: SYDPATH

Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Haemostasis

Requested: 03/11/2022 Collected: 10/11/2022 Reported: 10/11/2022 16:18

	Current Result	Previous results for comparison only	Reference (for this collection)
Date:	10/11/22		
Time:	09:52		
Request No.:	6334311		Units

Coag Screen

PT	14	s	12-17
INR	1.0		
APTT	30	s	25-35
Reagent Comment	APTT:		

Comments: (10/11/2022 09:52 Episode No. 6334311)

APTT:: The suggested therapeutic range for full dose heparin is 50-80s. Please note the change in therapeutic range as of 12/7/22 @ 09:00 (due to a change in APTT reagent sensitivity to heparin).

Tests Pending: 25VitD,AFP,TFT,Antinuclear Antibodies,Anti Smooth Musc. Ab,Anti Mitochon.
Ab,Hepatitis B Surface Antigen,Hepatitis C Antibody,Hepatitis A Total Ab,HIV Ag/Ab

CAIN, CHRISTINE

7 NINGADHUN CCT, NARRABRI. 2390

Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422

Your Reference: 6334311 Lab Reference: 6334311Z006

Laboratory: SYDPATH

Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Tumour Markers

Requested: 03/11/2022 Collected: 10/11/2022 Reported: 10/11/2022 23:08

	Current Result	Previous results for comparison only	Reference (for this collection)
Date:	10/11/22		
Time:	09:52		
Request No.:	6334311		Units

Tumour Markers (serum/plasma)

AFP (Beckman) 2.2 ug/L 0.0-9.0
Tumour Marker Com tmmbc1

Comments: (10/11/2022 09:52 Episode No. 6334311)

tmmbc1: TUMOUR MARKERS: Since the 2nd September 2018 tumour markers AFP, CEA, CA 19-9, CA 153, CA 125 are measured on the Beckman-Coulter DxI analyser. Please note that results may not be directly comparable with results from other assay methods (Dr Graham Jones).

Tests Pending: 25VitD,TFT,Antinuclear Antibodies,Anti Smooth Musc. Ab,Anti Mitochon. Ab,Hepatitis B Surface Antigen,Hepatitis C Antibody,Hepatitis A Total Ab,HIV Ag/Ab

CAIN, CHRISTINE

7 NINGADHUN CCT, NARRABRI. 2390

Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422

Your Reference: 6334311 Lab Reference: 6334311Z040

Laboratory: SYDPATH

Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Thyroid Function Tests

Requested: 03/11/2022 Collected: 10/11/2022 Reported: 10/11/2022 23:14

	Current Result	Previous results for comparison only				Reference
Date:	10/11/22	03/02/22	13/05/19	09/12/15		(for this collection)
Time:	09:52	11:00	11:15	09:40		
Request No.:	6334311	6318528	6151574	6100721	Units	

Thyroid Testing (serum/plasma)

TSH	1.46	1.22	0.91	1.31	mIU/L	0.40-4.80
Free T4	10.3	9.7			pmol/L	8.0-16.0
TFT com.	TFTCOM1	TFTCOM1				

Comments: (10/11/2022 09:52 Episode No. 6334311)

TFTCOM1: THYROID FUNCTION TESTS: TSH, free T4 and free T3 measured using Beckman-Coulter method (Dr Graham Jones).

Tests Pending: 25VitD,Antinuclear Antibodies,Anti Smooth Musc. Ab,Anti Mitochon. Ab,Hepatitis B Surface Antigen,Hepatitis C Antibody,Hepatitis A Total Ab,HIV Ag/Ab

CAIN, CHRISTINE

7 NINGADHUN CCT, NARRABRI. 2390

Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422

Your Reference: 6334311 Lab Reference: 6334311S005

Laboratory: SYDPATH

Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Hepatitis C antibody measurement

Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 11:03

Hepatitis Serology

Hepatitis C Antibody NonReactive

HCV Comment: No serological evidence of HCV infection. If clinically indicated, it is recommended a serum sample be collected in 2 months for further anti-HCV testing or a HCV RNA PCR

test be performed.

Tests Pending: 25VitD, Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab, Hepatitis B Surface Antigen, Hepatitis B Core Antibody, Hepatitis A Total Ab, Hepatitis A IgM, HIV Ag/Ab

CAIN, CHRISTINE

7 NINGADHUN CCT, NARRABRI. 2390

Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422

Your Reference: 6334311 Lab Reference: 6334311Z004

Laboratory: SYDPATH

Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Endocrinology

Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 11:40

Date:	Current Result	Previous results for comparison only	Reference (for this collection)
Time: 09:52	10/11/22		
Request No.: 6334311			Units

Endocrinology

25 OH Vitamin D	59	nmol/L	50-150
Vitamin D comment	25DCOM		

Comments: (10/11/2022 09:52 Episode No. 6334311)

25DCOM: Vitamin D clinical decision point for 25-hydroxy vitamin D:
(Med J Aust 2005;182:281-5)

Mild deficiency: 25 - 50 nmol/L

Moderate deficiency: 13 - 25 nmol/L

Severe deficiency: < 13 nmol/L

Tests Pending: Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab, Hepatitis B Surface Antigen, Hepatitis B Core Antibody, HIV Ag/Ab

CAIN, CHRISTINE

7 NINGADHUN CCT, NARRABRI. 2390

Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422

Your Reference: 6334311 Lab Reference: 6334311S019

Laboratory: SYDPATH

Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Hepatitis A Total Ab

Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 11:40

Hepatitis Serology

Hepatitis A Total Antibody Detected

HAV Comment: Serological evidence of recent or past Hepatitis A virus infection or vaccination.

Tests Pending: Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab, Hepatitis B Surface Antigen, Hepatitis B Core Antibody, HIV Ag/Ab

CAIN, CHRISTINE
7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
Your Reference: 6334311 Lab Reference: 6334311S020
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Hepatitis A IgM
Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 11:40

Hepatitis Serology

Hepatitis A IgM Not Detected

HAV IgM Comment No serological evidence of recent Hepatitis A virus infection.

Tests Pending: Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab, Hepatitis B Surface Antigen, Hepatitis B Core Antibody, HIV Ag/Ab

CAIN, CHRISTINE
7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
Your Reference: 6334311 Lab Reference: 6334311S002
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Hepatitis B Surface Antigen
Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 12:01

Hepatitis Serology

Hepatitis B Surface Antigen NonReactive

Tests Pending: Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab

CAIN, CHRISTINE
7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
Your Reference: 6334311 Lab Reference: 6334311S042
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: HIV Ag/Ab
Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 12:01

HIV Serology

NSW STATE REF LAB FOR HIV

HIV Ag/Ab Non Reactive

HIV Comment

Antibodies to HIV-1 and HIV-2 and/or HIV p24 antigen NOT detected. A non reactive HIV antibody test does not necessarily exclude the possibility of exposure to, or infection with, HIV. If this serum was taken less than 3 months after a suspected exposure, this patient should be retested after that time. The impact of any recent antiretroviral therapy is unknown. For

information about sexually transmitted infections and HIV for doctors and patients, visit [www.health.nsw.gov.au/publichealth/sexual health](http://www.health.nsw.gov.au/publichealth/sexual%20health) or call NSW Sexual Health Infoline 1800 451 624.

Tests Pending: Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab

CAIN, CHRISTINE
7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
Your Reference: 6334311 Lab Reference: 6334311Z030
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Auto Immune Testing
Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 16:50

Antinuclear Antibodies
ANA Negative

SLE unlikely. Consider ordering ENA to completely exclude SLE.

Tests Pending: Anti Smooth Musc. Ab, Anti Mitochon. Ab

CAIN, CHRISTINE
7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
Your Reference: 6334311 Lab Reference: 6334311I024
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Anti Smooth Musc. Ab
Requested: 03/11/2022 Collected: 10/11/2022 Reported: 15/11/2022 16:36

Tissue Autoantibodies
Smooth Muscle Ab Negative

CAIN, CHRISTINE
7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
Your Reference: 6334311 Lab Reference: 6334311I025
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Anti Mitochon. Ab
Requested: 03/11/2022 Collected: 10/11/2022 Reported: 15/11/2022 16:36

Tissue Autoantibodies
Mitochondrial Ab Negative

CAIN, CHRISTINE
 7 NINGADHUN CCT, NARRABRI. 2390
 Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
 Your Reference: 6334311 Lab Reference: 6334311S003
 Laboratory: SYDPATH
 Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Hepatitis B Core Antibody
 Requested: 03/11/2022 Collected: 10/11/2022 Reported: 11/11/2022 12:01

Hepatitis Serology
 Hepatitis B Core Antibody NonReactive

Tests Pending: Antinuclear Antibodies, Anti Smooth Musc. Ab, Anti Mitochon. Ab

CAIN, Christine
 7 Ningadhun Circuit, NARRABRI. 2390
 Birthdate: 19/11/1954 Sex: F Medicare Number:
 Your Reference: Lab Reference: FC95170B-A395-4DEC-B5D4-A032320181E6
 Laboratory: HealthyRHearts UON
 Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Consent form (U HEALTHYRHEARTS)
 Requested: 09/12/2022 Collected: 09/12/2022 Reported: 09/12/2022 10:15

CAIN, CHRISTINE
 7 NINGADHUN CCT, NARRABRI. 2390
 Birthdate: 19/11/1954 Sex: F Medicare Number: 2239127422
 Your Reference: 6350220 Lab Reference: 6350220Z045
 Laboratory: SYDPATH
 Addressee: Dr ROHANA WANASINGHE Referred by: Dr ROHANA WANASINGHE

Name of Test: Lipid Studies
 Requested: 09/12/2022 Collected: 03/02/2023 Reported: 03/02/2023 09:19

	Current Result	Previous results for comparison only				Reference
Date:	03/02/23	30/06/22	17/12/21	02/11/20		
Time:	08:15	08:49	08:37	09:08		
Request No.:	6350220	6326826	6315963	6181923	Units	(for this collection)

Lipid Studies

Fasting status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	5.2	8.0 H	5.4	5.1	mmol/L	0.0-6.0
Triglyceride	2.6 H	2.7 H	3.0 H	2.6 H	mmol/L	0.0-2.0
HDL Cholesterol	1.6	1.5	1.4	1.6	mmol/L	>1.0
LDL Cholesterol	2.4	5.3 H	2.6	2.3	mmol/L	0.0-4.0
Non-HDL Chol.	3.6	6.5 H	4.0	3.5	mmol/L	0.0-4.0
Chol:HDL ratio	3.3	5.3	3.9	3.2		
Lipids comment	liprng	liprng	liprng	liprng		

Comments: (03/02/2023 08:15 Episode No. 6350220)

liprng: Lipid targets for patients at high risk of cardiovascular disease:

Total Cholesterol <4.0 mmol/L HDL Cholesterol >1.0 mmol/L
 Non-HDL Cholesterol <2.5 mmol/L Triglycerides <2.0 mmol/L
 LDL Cholesterol <2.0 mmol/L, <1.8 mmol/L for secondary prevention.
 (Lipid target ranges from Australian Heart Foundation)

For cardiovascular risk prediction including lipid see www.cvdcheck.org.au.
 Reference limits for lipids are provided for general advice only and identify approximately 15% of the adult population.

Tests Pending: HbA1c

CAIN, CHRISTINE
 7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 **Sex:** F **Medicare Number:** 2239127422
Your Reference: 6350220 **Lab Reference:** 6350220Z001
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE **Referred by:** Dr ROHANA WANASINGHE

Name of Test: Routine Chemistry
Requested: 09/12/2022 **Collected:** 03/02/2023 **Reported:** 03/02/2023 09:19

Date:	Current Result	Previous results for comparison only	Reference (for this collection)
Time:	03/02/23 08:15	10/11/22 09:52	30/06/22 08:49
Request No.:	6350220	6334311	6326826

Electrolytes (serum/plasma)

Electrolyte	Current Result	Previous results for comparison only	Reference (for this collection)
Sodium	143	140	140 mmol/L 135-145
Potassium	4.4	4.2	4.6 mmol/L 3.5-5.2
Chloride	108	107	108 mmol/L 95-110
Bicarbonate	28	26	27 mmol/L 22-32
Urea	3.7	4.5	4.4 mmol/L 3.5-8.0
Creatinine	51	54	52 umol/L 45-90
eGFR	>90	>90	>90 mL/mn/1.73m2>60
Calcium		2.46	mmol/L
Magnesium		0.78	mmol/L
Inorganic Phospha		1.10	mmol/L

Liver Function Tests (serum/plasma)

Liver Function Test	Current Result	Previous results for comparison only	Reference (for this collection)
Total protein	69	69	71 g/L 60-80
Albumin	40	39	38 g/L 33-48
Bilirubin total	16	10	12 umol/L 0-20
Alkaline phosphat	77	74	64 U/L 30-110
ALT	39 H	37 H	40 H 91 H U/L 0-35
AST	54 H	45 H	43 H 87 H U/L 0-30
GGT	58 H	64 H	67 H 132 H U/L 0-35
LDH	228	219	203 237 U/L 0-430

Glucose Testing

Glucose (fasting)	Current Result	Reference (for this collection)
Glucose (fasting)	5.6 H	mmol/L 3.0-5.5

Tests Pending: HbA1c

CAIN, CHRISTINE
 7 NINGADHUN CCT, NARRABRI. 2390
Birthdate: 19/11/1954 **Sex:** F **Medicare Number:** 2239127422
Your Reference: 6350220 **Lab Reference:** 6350220Z007
Laboratory: SYDPATH
Addressee: Dr ROHANA WANASINGHE **Referred by:** Dr ROHANA WANASINGHE

Name of Test: HbA1c
Requested: 09/12/2022 **Collected:** 03/02/2023 **Reported:** 04/02/2023 14:07

	Current	Previous results for comparison only			
Date:	Result	17/12/21	02/12/16		Reference
Time:	03/02/23 08:15	08:37	08:55		(for this
Request No.:	6350220	6315963	6114697	Units	collection)

HbA1c

HbA1c	6.1 H	6.2 H	5.8	%	0.0-5.9
HbA1c (mmol/mol)	43 H	44 H	39	mmol/mol	0-41
HbA1c comment	hbacom	hbacom	hbacom		

Comments: (03/02/2023 08:15 Episode No. 6350220)

hbacom: HbA1c (IFCC): In keeping with Australian guidelines SydPath is now reporting HbA1c in conventional units (%) and restandardised units (mmol/mol). (MJA 2011; 195: 45-46)