



Procedure Date: 14/06/2024 9:58 AM
Consultant: Nam Q. Nguyen, Head, GIU
Instrument Name: 278,239
Note Status: Finalised
Medicare #: 5114061337-1
MBS Code 1: EUS FNA

MRN: 767815
Patient Name: Barbara Baldwin
Gender: Female
Date of Birth: 25/09/1945
Age: 78

Procedure: Upper EUS

Indications: to exclude pNET

Referring Physician: Nam Q. Nguyen, Head, GIU Royal Adelaide Hospital Port Road Adelaide, SA 5000

Providers: Nam Q. Nguyen, Head, GIU, Brody Sampson, RN, Anna Kim, RN, May Cura, RN

Consultant Participation: I personally performed the entire procedure.

Medications: Monitored Anaesthesia Care

Procedure: Informed consent was documented. The scope was introduced through the mouth, and advanced to the second part of duodenum. The scope was introduced through the mouth, and advanced to the second part of duodenum. The upper EUS was accomplished without difficulty. The patient tolerated the procedure well.

Findings: ENDOSCOPIC FINDING:

A medium-sized hiatal hernia was present.

One 5 mm erosion with stigmata of recent bleeding was found in the prepyloric region of the stomach. Biopsies were taken with a cold forceps for histology.

The ampulla and examined duodenum were normal.

ENDOSONOGRAPHIC FINDING:

Two small (5mm) round lesion were identified in the pancreatic head and pancreatic tail. The lesions were hypoechoic. The lesions were hypoechoic on contrast, thus are not typical NET. The endosonographic borders were well-defined.

Endosonographic imaging in the main pancreatic duct showed no abnormalities.

No lymphadenopathy seen.

Endosonographic imaging in the visualised portion of the liver showed no lesion.

There was no sign of significant endosonographic abnormality in the common bile duct. The maximum diameter of the duct was 7 mm.

Complications: No immediate complications.

Impression:

- Medium-sized hiatal hernia.
- Erosive gastropathy with stigmata of recent bleeding. Biopsied.
- Normal ampulla and examined duodenum.
- Two 5mm lesion were identified in the pancreatic head and pancreatic tail. Need surveillance.
- There was no sign of significant pathology in the common bile duct.

Recommendation:

- Discharge patient to home.
- Resume regular diet today.
- Repeat the upper endoscopic ultrasound in 6 months for surveillance.

RAH-000767815
25/09/1945 78y F



BALDWIN

Barbara Wiltrude Carol

Po Box 1427

ALDINGA BEACH, SA 5173

GAS / ENDOS

M/C: 5114061337-1

Exp: 05-27 PUB

Visit ID: 116676480 (OP)

Government of South Australia

SA Health

Gastrointestinal Investigation Unit
Royal Adelaide Hospital

ENDOSCOPY

DISCHARGE INSTRUCTIONS

Follow up appointment(s):

- ☐ An Outpatient appointment has been arranged for you. Letter to be sent.
- ☐ Return to the doctor who referred you for this procedure
- ☐ Return to your local doctor 7 to 14 days after this procedure.
- ☒ Other D/C Pt home, repeat EUS in 6 months

The sedation drug administered during your procedure may cause drowsiness or clumsiness.

You must not:

- Drive any vehicle, return to work or operate machinery until tomorrow. (It is an offence to drive under the influence of medications which cause sedation)
- Make any importance decisions until tomorrow
- Drink alcohol until tomorrow

Please return home and rest.

You **MUST** have a responsible adult stay with you overnight.

- You may have a sore throat.
- Because of the anaesthetic spray you were given to numb your throat, you must not eat or drink for 30 – 60 minutes after the procedure.
- Have a sip of water to make sure you can swallow properly without coughing before you eat and drink. Ensure your first drink is not too hot.
- ☐ Today you had **banding / a dilatation / sclerotherapy / argon therapy.**

DIET:



☒ Resume normal diet

☐ Soft diet until tomorrow
and then normal diet

☐ Fluids only until tomorrow
and then normal diet

If you experience any of the following symptoms, see below contact information.

- Increasing or persistent pain in the middle of the chest or abdomen
- Cough or vomiting blood
- Black discolouration of your bowel actions
- Weakness or dizziness

These symptoms may develop up to 3 days or more after the procedure.

Contact information:

- Your local Doctor/Hospital
- The Gastrointestinal Investigation Unit at the Royal Adelaide Hospital – Ph: **7074 1657**
(8.00am – 4.30pm Monday – Friday)
- **After Hours:** The Royal Adelaide Hospital Emergency Department – Ph: **7074 0000**
- If additional information or assistance is required, then please telephone the Royal Adelaide Hospital on **7074 0000** and ask to speak to the Gastroenterologist who is on call 24 hours a day.

BALDWIN, BARBARA
43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
Phone: 0411122874
Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
Your Reference: 97A5569BCF Lab Reference: 467590644-C-C485
Laboratory: CLINPATH
Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: Alb/Creat Ratio
Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
15:28

Clinical notes: 78yo F, T2DM

Clinical Notes : 78yo F, T2DM

Date	08/07/24	01/03/24		
Time	Unkn	Unkn		
Lab ID	467590644	467084575	Units	Reference
R-U-Creatinine	13.6	4.4	mmol/L	
Albumin Urine	21.1 H	<5.0	mg/L	(<20.0)
Alb/Cr Ratio	1.6		mg/mmol	(0.0-3.5)

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: MICROALBUMIN SPOT
Tests Pending :
Sample Pending :

BALDWIN, BARBARA
 43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
 Phone: 0411122874
 Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
 Your Reference: 6DA2A16444 Lab Reference: 462983139-H-H902
 Laboratory: CLINPATH
 Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: Haematology(EDTA)
 Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
 16:29

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

Haematology(EDTA)

Date	08/07/24	29/02/24	05/12/23	04/04/23		
Time F-Fast	0858 F	1019 F	1431	0859 F		
Lab ID	462983139	465012009	463525084	463200032	Units	Reference
Haemoglobin	121	127	130	129	g/L	(119-160)
RCC	4.3	4.4	4.6	4.7	x10*12/L	(3.6-5.5)
Haematocrit	0.38	0.39	0.41	0.40	l/L	
(0.30-0.46)						
MCV	90	90	88	86	fL	(80-100)
MCH	28.3	28.9	28.3	27.6	pg	
(27.0-32.0)						
MCHC	316	323	321	319	g/L	(310-360)
RDW	13.3	13.1	13.2	13.7		
(10.0-15.0)						
WCC	6.4	6.5	8.9	7.0	x10*9/L	(4.0-11.0)
Neutrophils	3.26	3.42	5.20	4.34	x10*9/L	(1.7-7.5)
Lymphocytes	2.62	2.59	2.95	2.12	x10*9/L	(1.0-4.0)
Monocytes	0.37	0.42	0.64	0.47	x10*9/L	(0.0-1.0)
Eosinophils	0.12	0.06	0.08	0.09	x10*9/L	(0.0-0.5)
Basophils	0.05	0.02	0.03	0.02	x10*9/L	(0.0-0.3)
Platelets	296	277	302	316	x10*9/L	(150-450)

Comments on Collection 08/07/24 0858 F:
 Results normal.

Clinical advice (Drs only) call Dr L Nath 83662057

Clinpath Laboratories NATA No:3307

Tests Completed: FULL BLOOD COUNT
 Tests Pending : LIVER FUNCTION TESTS ,ELECTROLYTES, GLUCOSE SERUM,
 PHOSPHATE, URATE, IRON STUDIES, LIPIDS AND HDL,
 CALCIUM(CORR), UREA CREATININE , VIT D, VITAMIN B12,
 FOLATE SERUM, HBA1C

Sample Pending :

BALDWIN, BARBARA
 43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
 Phone: 0411122874
 Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
 Your Reference: 6DA2A16444 Lab Reference: 462983139-C-C141
 Laboratory: CLINPATH
 Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: Gen Chem(Se/Pl)
 Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
 17:58

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

Biochemistry(Se/Pl)

Date	08/07/24	29/02/24	05/12/23	06/06/23		
Time F-Fast	0858 F	1019 F	1431	1304 F		
Lab ID	462983139	465012009	463525084	463201394	Units	Reference
Status	Fasting	Fasting	Random	Fasting		
Sodium	141	140	140		mmol/L	(135-145)
Potassium	4.2	4.3	4.1		mmol/L	(3.5-5.5)
Chloride	107	106	105		mmol/L	(95-110)
Bicarbonate	27	26	25		mmol/L	(20-32)
Urea	6.0	4.5	5.3		mmol/L	(3.5-9.5)
Creatinine	60	60	54		umol/L	(45-90)
eGFR	84	84	87		ml/min	(>59)
Uric Acid	0.23	0.26	0.27		mmol/L	
(0.15-0.40)						
Calcium	2.29	2.29	2.37		mmol/L	
(2.10-2.60)						
Corr Calcium	2.25	2.25	2.27		mmol/L	
(2.10-2.60)						
Phosphate	0.97	1.02	1.07		mmol/L	(0.7-1.5)
Bili.Total	12	14	8		umol/L	(3-15)
ALP	105	102	132 H		U/L	(30-115)
GGT	19	18	23		U/L	(5-35)
LD	169	146	159		U/L	(120-250)
AST	20	18	25		U/L	(10-35)
ALT	21	19	26		U/L	(5-30)
Total Protein	63 L	65	71		g/L	(64-83)
Albumin	42	42	45		g/L	(36-47)
Globulin	21 L	23	26		g/L	(23-39)
Total Cholesterol	6.4 H	6.1 H	7.9 H	8.0 H	mmol/L	(3.5-5.5)
Glucose Fasting	6.4 H	6.3 H			mmol/L	(3.6-5.4)
Glucose Random			5.9		mmol/L	(3.6-7.8)

Comments on Collection 08/07/24 0858 F:
 A raised fasting glucose level is noted. Previous results including an HbA1c level > 6.5% indicative of diabetes mellitus are seen on patient file review.

If required further information can be found
 at Kidney Health Australia (www.kidney.org.au)

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: LIVER FUNCTION TESTS ,ELECTROLYTES, GLUCOSE SERUM,

PHOSPHATE, URATE, IRON STUDIES, LIPIDS AND HDL,
CALCIUM (CORR), UREA CREATININE, VITAMIN B12,
FOLATE SERUM, FULL BLOOD COUNT

Tests Pending : VIT D, HBA1C

Sample Pending :

BALDWIN, BARBARA
43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
Phone: 0411122874
Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
Your Reference: 6DA2A16444 Lab Reference: 462983139-C-C151
Laboratory: CLINPATH
Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: Iron Studies
Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
17:58

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

IRON

Date	08/07/24	29/02/24	05/12/23	04/04/23		
Time F-Fast	0858 F	1019 F	1431	0859 F		
Lab ID	462983139	465012009	463525084	463200032	Units	Reference
Iron	14.4	14.4	15.9	8.0 L	umol/L	(8.8-27.0)
Transferrin	2.7	2.8	3.1	2.7	g/L	(2.0-3.2)
Saturation	24	23	23	13	%	(10-45)
Ferritin	50	34	48	63	ug/L	(30-210)

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: LIVER FUNCTION TESTS ,ELECTROLYTES, GLUCOSE SERUM,
PHOSPHATE, URATE, IRON STUDIES, LIPIDS AND HDL,
CALCIUM(CORR), UREA CREATININE , VITAMIN B12,
FOLATE SERUM, FULL BLOOD COUNT

Tests Pending : VIT D, HBA1C

Sample Pending :

BALDWIN, BARBARA
43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
Phone: 0411122874
Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
Your Reference: 6DA2A16444 Lab Reference: 462983139-C-C205
Laboratory: CLINPATH
Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: LIPIDS HDL (Se/Pl)
Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
17:58

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

Date	08/07/24	29/02/24	05/12/23	06/06/23		
Time F-Fast	0858 F	1019 F	1431	1304 F		
Lab ID	462983139	465012009	463525084	463201394	Units	Reference
Status	Fasting	Fasting	Random	Fasting		
Total Cholesterol	6.4 H	6.1 H	7.9 H	8.0 H	mmol/L	(3.5-5.5)
Triglycerides	1.2	1.9 H	3.1 H	1.3	mmol/L	(0.0-1.5)
HDL Chol.	1.6	1.3	1.6	2.0	mmol/L	(1.0-2.2)
LDL Chol.	4.2 H	3.9 H	4.9 H	5.4 H	mmol/L	(0.0-2.5)
Chol/HDL Ratio	4.0	4.7 H	4.9 H	4.0		(0.0-4.5)
Non HDL Chol.	4.8 H	4.8 H	6.3 H	6.0 H	mmol/L	(<3.9)

Comments on Collection 08/07/24 0858 F:

A history of Diabetes Mellitus is noted in the laboratory records.
In diabetics, the NHF recommends 6 monthly progress lipid levels.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples) are:

Total Cholesterol	<4.0 mmol/L
HDL-Cholesterol	>=1.00 mmol/L
Fasting Triglycerides	<2.0 mmol/L
Non-HDL Cholesterol	<2.5 mmol/L

Increased non-HDL Cholesterol is a significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: LIVER FUNCTION TESTS ,ELECTROLYTES, GLUCOSE SERUM,
PHOSPHATE, URATE, IRON STUDIES, LIPIDS AND HDL,
CALCIUM(CORR), UREA CREATININE , VITAMIN B12,
FOLATE SERUM, FULL BLOOD COUNT

Tests Pending : VIT D, HBA1C

Sample Pending :

BALDWIN, BARBARA
43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
Phone: 0411122874
Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
Your Reference: 6DA2A16444 Lab Reference: 462983139-C-H246
Laboratory: CLINPATH
Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: B12/Folate
Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
17:58

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

Vitamin B12, Serum Folate, Red Cell Folate

Date	08/07/24	29/02/24	05/12/23	04/04/23		
Time F-Fast	0858 F	1019 F	1431	0859 F		
Lab ID	462983139	465012009	463525084	463200032	Units	Reference
Vitamin B12	415	402	532		pmol/L	(130-855)
Serum Folate	31.3	29.6	33.4		nmol/L	(>6.0)

Comments on Collection 08/07/24 0858 F:
Total Vitamin B12 concentrations above 400 pmol/L indicate B12 sufficiency is likely.

Please note from 15/04/2019, the Serum Folate assay is performed on an Abbott Alinity.

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: LIVER FUNCTION TESTS ,ELECTROLYTES,GLUCOSE SERUM,
PHOSPHATE,URATE,IRON STUDIES,LIPIDS AND HDL,
CALCIUM(CORR),UREA CREATININE ,VITAMIN B12,
FOLATE SERUM,FULL BLOOD COUNT

Tests Pending : VIT D,HBA1C

Sample Pending :

BALDWIN, BARBARA
 43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
 Phone: 0411122874
 Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
 Your Reference: 6DA2A16444 Lab Reference: 462983139-C-C521
 Laboratory: CLINPATH
 Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: VIT D
 Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
 19:28

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

Date	08/07/24	29/02/24	05/12/23	13/12/22	
Time F-Fast	0858 F	1019 F	1431	0749 F	
Lab ID	462983139	465012009	463525084	462826185	Units Reference
25OH VitD	59	67	45 L	53	nmol/L (50-160)

Comments on Collection 08/07/24 0858 F:
 According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11), 2012, Vitamin D status is defined as:

Mild Deficiency 30 - 50 nmol/L
 Moderate Deficiency 12.5 - 29 nmol/L
 Severe Deficiency <12.5 nmol/L

Assay method is Diasorin Liaison XL from 7/2012.

From 1st November 2014, Medicare rebates for Vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure. Further information is available at www.msac.gov.au

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: LIVER FUNCTION TESTS ,ELECTROLYTES, GLUCOSE SERUM,
 PHOSPHATE, URATE, IRON STUDIES, LIPIDS AND HDL,
 CALCIUM(CORR), UREA CREATININE ,VIT D,VITAMIN B12,
 FOLATE SERUM, FULL BLOOD COUNT

Tests Pending : HBA1C

Sample Pending :

BALDWIN, BARBARA
 43 BUTTERWORTH ROAD, ALDINGA BEACH. 5173
 Phone: 0411122874
 Birthdate: 25/09/1945 Sex: F Medicare Number: 5114061337
 Your Reference: 6DA2A16444 Lab Reference: 462983139-C-E444
 Laboratory: CLINPATH
 Addressee: DR CHRISTINE OSBORNE Referred by: DR CHRISTINE OSBORNE

Name of Test: HbA1c
 Requested: 17/04/2024 Collected: 08/07/2024 Reported: 08/07/2024
 20:28

Clinical notes: 78yo F, T2DM diet

Clinical Notes : 78yo F, T2DM diet

HbA1c

Date	08/07/24	29/02/24	05/12/23	06/06/23		
Time F-Fast	0858 F	1019 F	1431	1304 F		
Lab ID	462983139	465012009	463525084	463201394	Units	Reference
HbA1c (NGSP)	6.1 H	6.4 H	6.5 H	6.3 H	%	(4.0-6.0)
HbA1c (IFCC)	43 H	47 H	48 H	45 H	mmol/mol	(20-42)

Comments on Collection 08/07/24 0858 F:
 For Type 2 diabetics the ADS recommends -

Clinical Situation	Current Therapy	Target
Short duration DM with no CVD	Lifestyle +/- Metformin	<=6.0 % (42 mmol/mol)
	Antidiabetics, not metformin or insulin	<=6.5 % (48 mmol/mol)
	Insulin	<=7.0 % (53 mmol/mol)
Long duration DM, or CVD	Any	<=7.0 % (53 mmol/mol)

Note: Conditions of shortened red cell survival may cause a misleading decrease in HbA1c. ie. B12/Folate deficiency, recent transfusion, haemoglobinopathy, haemolysis, cirrhosis, liver disease and renal failure. Iron deficiency anaemia may cause an misleading increase in HbA1c.

HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

Advice (Drs only) call Dr Devika Thomas 83662000

Clinpath Laboratories NATA No:3307

Tests Completed: LIVER FUNCTION TESTS ,ELECTROLYTES, GLUCOSE SERUM,
 PHOSPHATE, URATE, IRON STUDIES, LIPIDS AND HDL,
 CALCIUM(CORR), UREA CREATININE ,VIT D, VITAMIN B12,
 FOLATE SERUM, HbA1c, FULL BLOOD COUNT

Tests Pending :
 Sample Pending :