

chart 1

MSG: 51,52



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Routine Chemistry

Collected Date 2010-12-03

Collected Time 11:11 MST

		Units	Reference Range
Sodium	135 #*	mmol/L	133-145

2010-12-03 11:11 MST NA:

patient is feeling blue today

But it is friday

2010-12-03 11:11 MST Sodium:

Corrected from 135 on 2011-01-05 15:09 MST by DATKINSON03

Corrected from 140 on 2010-12-03 11:49 MST by CDREWS02

2010-12-03 11:11 MST Sodium:

patient is red today

LEGEND:

@=Abnormal

C=Critical

*=Footnotes

#=Corrected

L=Low

H=High

10-337-300034

Chart Request ID: 16587616

Print Date/Time: 2011-01-31 11:43

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MSG: 5

Alberta Health
ServicesCalgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Test

Chemistry

Routine Chemistry

Collected Date 2010-12-03
Collected Time 12:18 MST

		Units	Reference Range
Vitamin D (25-Hydroxy) *	<10.1 L*	nmol/L	80.0-200.0

2010-12-03 12:18 MST Vitamin D (25-Hydroxy):

Result Interpretation as Follows:

Severe Deficiency	<25.0	nmol/L
Moderate To Mild Deficiency	25.0 - 80.0	nmol/L
Optimum Levels	80.0 - 200.0	nmol/L
Toxicity Possible	>250.0	nmol/L

2010-12-03 12:18 MST Vitamin D (25-Hydroxy):
Specimen slightly hemolyzed.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-337-300042

Chart Request ID: 16587613
Print Date/Time: 2011-01-31 11:42

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chart 3

MSO: 7,8,9,10



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(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Test

Toxicology

Drug Screen, Urine

Collected Date 2010-12-03
Collected Time 12:18 MST

Drug Screen, Urine * See Below #

2010-12-03 12:18 MST Drug Screen, Urine
preliminary findings show the presence of cannabinoids

ERROR - Disregard above report

2010-12-03 12:18 MST Drug Screen, Urine:
Results are intended to be used for medical (i.e. treatment) purposes.

2010-12-03 12:18 MST Drug Screen, Urine:
----- Report revised on 2010-12-09 10:48 MST by MLTGL -----
Previously reported as:
preliminary findings show the presence of cannabinoids

Drug Screen, Urine - Final

Collected Date 2010-12-03
Collected Time 12:18 MST

Drug Screen, Urine - Final See Below #

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-337-300043

Chart Request ID: 16587615
Print Date/Time: 2011-01-31 11:43

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Chart 3

MILLMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

Toxicology

Drug Screen, Urine - Final

2010-12-03 12:18 MST Drug Screen, Urine - Final

The presence of Cannabinoids have been confirmed by GC-MS testing

ERROR- Please disregard above report

GC-MS testing has confirmed the presence of Barbiturate metabolites

2010-12-03 12:18 MST Drug Screen, Urine - Final:

----- Report revised on 2010-12-09 10:48 MST by MLTGL -----

Previously reported as:

The presence of Cannabinoids have been confirmed by GC-MS testing.

LEGEND:

@=Abnormal

C=Critical

*=Footnotes

#=Corrected

L=Low

H=High

10-337-300043

Chart Request ID: 16587615

Print Date/Time: 2011-01-31 11:43

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MSG: 1,2



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MilIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Test

Urinalysis

Urine Macroscopic

Collected Date 2010-12-03
Collected Time 12:22 MST

		Units	Reference Range
Urine Colour	Yellow		
Urine Appearance	Clear		
Urine Specific Gravity	1.015		<=1.030
Urine pH	7.0		5.0-8.5
Urine Leukocyte	Moderate @		Negative
Urine Nitrite	Positive @		Negative
Urine Protein	Negative	g/L	Negative
Urine Glucose	Negative	mmol/L	Negative
Urine Ketones	Negative		Negative
Urine Blood	Small @		Negative

Urine Microscopic

Collected Date 2010-12-03
Collected Time 12:22 MST

		Units	Reference Range
Urine WBC	6-10 @	/HPF	0-5
Urine RBC	6-10 @	/HPF	0-5
Urine Epithelial Cells	Few	/HPF	
Urine Bacteria	Few	/HPF	
Urine Hyaline Casts	0-4	/LPF	

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-337-300046

Chart Request ID: 16587611
Print Date/Time: 2011-01-31 11:39

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MSG: 3, 4



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MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Test

Urinalysis

Urine Macroscopic

Collected Date 2010-12-03
Collected Time 12:25 MST

		Units	Reference Range
Urine Colour	Yellow		
Urine Appearance	Clear		
Urine Specific Gravity	1.010		<=1.030
Urine pH	6.0		5.0-8.5
Urine Leukocyte	Negative		Negative
Urine Nitrite	Negative		Negative
Urine Protein	Negative	g/L	Negative
Urine Glucose	Negative	mmol/L	Negative
Urine Ketones	Negative		Negative
Urine Blood	Negative		Negative
Urinalysis Comment	See Note *		

2010-12-03 12:25 MST Urinalysis Comment:

Microscopic examination not performed due to negative Blood, Nitrite, Leukocyte Esterase and Protein.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-337-300047

Chart Request ID: 16587612

Print Date/Time: 2011-01-31 11:42

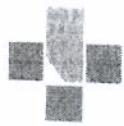
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MSG 6,



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MILLMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Test

Coagulation Studies

Collected Date 2010-12-03

Collected Time 12:28 MST

		Units	Reference Range
D-Dimer *	0.55 H	mg/L FEU	<=0.50

2010-12-03 12:28 MST D-Dimer:

A D-Dimer level less than 0.51 mg/L FEU may be used with a standardized clinical assessment and/or imaging studies to help exclude venous thromboembolism. Values above the cut-off are not diagnostically used for VTE assessment.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High

10-337-300048

Chart Request ID: 16587614

Print Date/Time: 2011-01-31 11:42

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MSG: 11, 12



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MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Endocrine

Collected Date 2010-12-09
Collected Time 12:13 MST

	Units	Reference Range
Follicle Stimulating Hormone	16 IU/L	
Follicle Stimulating Hormone Comment	See Note *	

2010-12-09 12:13 MST Follicle Stimulating Hormone Comment:

Female Reference Ranges:

Follicular Phase: 2 - 10 IU/L

Mid-Cycle Peak: 3 - 33 IU/L

Luteal Phase: 1 - 9 IU/L

Post-Menopausal: 23 - 116 IU/L

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-343-300087

Chart Request ID: 16587617

Print Date/Time: 2011-01-31 11:45

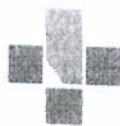
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MSG: 13



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MILIMCK CB FSI, Karla

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PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Therapeutic Drug Monitoring

Collected Date 2010-12-09

Collected Time 12:13 MST

	Units	Therapeutic Range
Phenytoin, Total	76 umol/L	40-80
Phenytoin Dose Time	0800	
Phenytoin Dose Date	2010-12-09	

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-343-300088

Chart Request ID: 16587618

Print Date/Time: 2011-01-31 11:46

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ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Routine Chemistry

Collected Date 2010-12-09

Collected Time 12:13 MST

		Units	Reference Range
Potassium	8.7 C	mmol/L	3.3-5.1

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-343-300089

Chart Request ID: 16587619

Print Date/Time: 2011-01-31 11:46

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MSG: 15



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MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Hematology

Complete Blood Count

Collected Date 2010-12-09

Collected Time 13:05 MST

		Units	Reference Range
Hemoglobin..	165 H	g/L	120-160
Hematocrit..	0.42	L/L	0.36-0.48

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-343-300090

Chart Request ID: 16587620

Print Date/Time: 2011-01-31 11:46

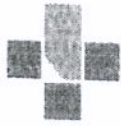
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chart 11

MSG 16,



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Immunology

Collected Date 2010-12-09
Collected Time 13:05 MST

		Units	Reference Range
Immunoglobulin G	<0.52 L	g/L	6.80-18.00

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-343-300091

Chart Request ID: 16587621
Print Date/Time: 2011-01-31 11:46

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Chart 12

MSG: 17, 18, 19, 20

Alberta Health
ServicesCalgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Hematology

Complete Blood Count

Collected Date 2010-12-09
Collected Time 13:37 MST

		Units	Reference Range
Hemoglobin	141	g/L	120-160
Hematocrit	0.41	L/L	0.36-0.48
RBC	3.9 L#	10E12/L	4.0-5.6
MCV	82	fL	82-100
MCHC	332	g/L	320-360
RDW	18.0 H	%	11.0-16.0
Platelet Count	Clumped #*	10E9/L	150-400
WBC	10.0	10E9/L	4.0-11.0
Neutrophil	6.0	10E9/L	2.0-9.0
Lymphocyte	3.0	10E9/L	0.5-3.3
Monocyte	1.0	10E9/L	0.0-1.0
Eosinophil	0.0	10E9/L	0.0-0.7
Basophil	0.0	10E9/L	0.0-0.2
Smudge Cells	Present		
Abnormal Lymphocytes	Present		
Auer Rods	Present		

2010-12-09 13:37 MST RBC:

Corrected from 4.0 on 2010-12-09 14:00 MST by MLTRRL

2010-12-09 13:37 MST Platelet Count:

Corrected from 42 on 2010-12-09 14:00 MST by MLTRRL

2010-12-09 13:37 MST Platelet Count:

Platelets appear decreased on smear. Unable to make an accurate assessment of the platelets due to clumping. Suggest recollection of the patient's CBC using EDTA, sodium citrate and sodium heparin anticoagulant tubes.

LEGEND:	@=Abnormal	C=Critical	*=Footnotes	#=Corrected	L=Low	H=High
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Chart Request ID: 16587622

Print Date/Time: 2011-01-31 11:47

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chart 13

MSG: 21, 22, 23, 29



Calgary Laboratory Services
(403) 770-3600

MilIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501332

Location: FMC-61 636 2

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Transfusion Medicine

Transfusion Medicine Results

Collected Date 2010-12-09
Collected Time 17:10 MST

ABO Rh Type B Positive
Antibody Screen.. Negative #*
Antibody Identification Anti-Fya
Antibody Identification Anti-K

2010-12-09 17:10 MST TYPE:

Order level comment added to Type.

2010-12-09 17:10 MST Antibody Screen..:

Corrected from Positive on 2010-12-09 17:49 MST by JMARYKA

2010-12-09 17:10 MST Antibody Screen..:

2010-12-09 17:24 JMARYKA

Result level comment added to Antibody Screen.

LEGEND:

10-343-300110 @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High

Chart Request ID: 16587623

Print Date/Time: 2011-01-31 11:47

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Chart 14

MSG: 24,25,26,27,28



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MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501332

Location: FMC-61 636 2

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Transfusion Medicine

Transfusion Medicine Results

Collected Date 2010-12-09
Collected Time 17:10 MST

ABO Rh Type B Positive
RTSIS Number TGG 0987
Cancellation Date 2010-12-15
Antibody Screen.. Negative

2010-12-09 17:10 MST ABS1:

Antibody Screen Comment: Red Cells available if required.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-343-300111

Chart Request ID: 16587624

Print Date/Time: 2011-01-31 11:47

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Chart 15

MSG: 30, 31, 32



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MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Body Fluids/Other Sources

Gastric/Stools

Collected Date 2010-12-10
Collected Time 07:42 MST

		Units	Reference Range
Occult Blood 1 *	Negative		Negative
OB 1 Date	2010-12-07		
Occult Blood 2	Negative		Negative
OB 2 Date	2010-12-08		
Occult Blood 3	Positive @		Negative
OB 3 Date	2010-12-09		

2010-12-10 07:42 MST Occult Blood 1:

The Alberta Colorectal Screening Program recommends that the Fecal Occult Blood Test (FOBT) should primarily be used for annual colorectal cancer screening in asymptomatic 50-74 y individuals without risk factors for colorectal cancer. The use of the FOBT for the investigation of disease is of limited value. A Positive FOBT should be investigated by complete evaluation of the colon, preferably by colonoscopy. Repeating the FOBT is not recommended.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-344-300006

Chart Request ID: 16587625
Print Date/Time: 2011-01-31 11:49

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chart 16

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Alberta Health
Services

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MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Routine Chemistry

Collected Date 2010-12-10
Collected Time 07:42 MST

	Units	Reference Range
Hours PC 11 hours		
Glucose, Fasting 5.9	mmol/L	3.9-6.1

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
10-344-300007

Chart Request ID: 16587626

Print Date/Time: 2011-01-31 11:49

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chart 17

MSG: 53,54



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MilIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Routine Chemistry

Collected Date 2011-01-07
Collected Time 12:43 MST

	Units	Reference Range
Sodium	140 mmol/L	133-145

2011-01-07 12:43 MST NA:
This is my comment for Karla

Cardiac Markers

Collected Date 2011-01-07
Collected Time 12:43 MST

	Units	Reference Range
Troponin-T	10.00 C ug/L	0.00-0.02

Lipids

Collected Date 2011-01-07
Collected Time 12:43 MST

	Units	Reference Range
Hours Fasting	10 hours	
Cholesterol	5.00 mmol/L	3.80-5.20
Triglycerides	5.00 H mmol/L	0.60-2.30
HDL Cholesterol	1.00 mmol/L	>=0.91
LDL Cholesterol, Calculated	5.00 H mmol/L	2.00-3.40
Total:HDL Cholesterol Ratio *	1.0	

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
11-007-300003

Chart Request ID: 16587627
Print Date/Time: 2011-01-31 11:50

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chart 17

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

Chemistry

Lipids

2011-01-07 12:43 MST Total:HDL Cholesterol Ratio:

10-YR Risk Of CAD (Death or Non-fatal MI) and Target Lipid Values

RISK LEVEL

TARGETS: LDL-C

TC/HDL-C

High ($\geq 20\%$): or Diabetes, or CAD/PAD/
CVD/CRF

< 2.0 and < 4.0

Moderate (10-19%)

< 3.5 or < 5.0

Low (< 10%)

< 5.0 or < 6.0

GUIDELINE: CAN J CARDIOL 2006; 22: 913-927

LEGEND:

@=Abnormal

C=Critical

*=Footnotes

#=Corrected

L=Low

H=High

11-007-300003

Chart Request ID: 16587627

Print Date/Time: 2011-01-31 11:50

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chart 18

MSG: 55



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MILMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Chemistry

Cardiac Markers

Collected Date 2011-01-07
Collected Time 14:23 MST

		Units	Reference Range
Troponin I (Vidas)	0.06 H*	ug/L	<=0.01

2011-01-07 14:23 MST Troponin I (Vidas):

Troponin I value is inconclusive for acute MI and may be due to myocardial injury. Repeat ordering may be warranted in some clinical situations.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
11-007-300015

Chart Request ID: 16587628

Print Date/Time: 2011-01-31 11:50

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Chart 19

MSG: 56



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MILLMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Interval Testing

Glucose Tolerance Test

Collected Date 2011-01-12
Collected Time 07:00 MST

		Units
Glucose Dosage. (g)	100	g
Hours Fasting.	10 hours	
Weeks Gestation.	28	week(s)
Fasting *	4.8	mmol/L

2011-01-12 07:00 MST Fasting:

Interpretive criteria:

Fasting 1 Hr 2 Hr

5.3 10.6 8.9 mmol/L

If one of three values is met or exceeded, the diagnosis is impaired glucose tolerance of pregnancy. If two or three values are met or exceeded, the diagnosis of gestational diabetes mellitus has been established. Please see Canadian Diabetes Association 2008 practice guidelines.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
11-012-300002

Chart Request ID: 16587629

Print Date/Time: 2011-01-31 11:50

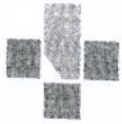
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On Demand Print

Page 1 of 1

Chart 20

MSG: 57



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Interval Testing

Glucose Tolerance Test

Collected Date 2011-01-12

Collected Time 08:00 MST

	Units
GTT 1.0 Hr	5.2 mmol/L

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
11-012-300003

Chart Request ID: 16587630
Print Date/Time: 2011-01-31 11:50

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Page 1 of 1

Chart 21

MSG: 58



Calgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501333

Location: SCHC Endocrine/Metabolism Prg

Attending: Physician Unknown1, MD

Ordering: Physician Unknown1, MD

Interval Testing

Glucose Tolerance Test

Collected Date 2011-01-12

Collected Time 09:00 MST

	Units
GTT 2.0 Hr	5.9 mmol/L

LEGEND:

11-012-300004 @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High

Chart Request ID: 16587631

Print Date/Time: 2011-01-31 11:50

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Page 1 of 1

Chart 22

MSG:34



Alberta Health
Services

Calgary Laboratory Services
(403) 770-3600

MillMCK CB FSI, Karla

Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Canada

Location: FMC-61 636 2

Ordering: Physician Unknown1, MD

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501332

Microbiology E.N.T./Eye

TEST: Throat Beta Strep Test

SPECIMEN TYPE: Swab

SPECIMEN SOURCE: Throat

COLLECTED: 2010/12/10 14:00 MST

RECEIVED: 2010/12/10 14:05 MST

ACCESSION: TH-10-3000007

FINAL REPORT

Test for Group A Streptococcus: Negative

Verified: 2010/12/10 14:08 MST

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
Cc:

Chart Request ID: 16587632

Print Date/Time: 2011-01-31 12:55

TH-10-3000007

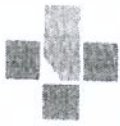
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EXPEDITED INTERIM CHART

Page 1 of 1

Chart 23

MSG: 37,38,39,41,42



Alberta Health
Services

Calgary Laboratory Services
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MILLMCK CB FSI, Karla

Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Canada

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501332

Location: FMC-61 636 2

Ordering: Physician Unknown1, MD

Microbiology Urine

TEST: Urine Culture

SPECIMEN TYPE: Urine

SPECIMEN SOURCE: Post Pros. Massage Urine

ADDITIONAL INFO: R/O YEAST

COLLECTED: 2010/12/10 14:00 MST

RECEIVED: 2010/12/10 14:05 MST

ACCESSION: UR-10-3000032

ADDITIONAL/AMENDED REPORT

Colony count greater than 1X10E8 cfu/L Escherichia coli

Colony count 1X10E7 - 1X10E8 cfu/L Staphylococcus aureus

Note amended susceptibility result

Add FreeText resistant susceptible to resistant

Verified: 2010/12/10 14:23 MST

SUSCEPTIBILITY RESULTS ***

Escherichia
coli

Interp

Ampicillin	S
Cephalothin(1)	S
Cefazolin(1)	S
Cefepime(1)	R
Ceftriaxone(1)	R
Gentamicin	S
Nitrofurantoin	S
Norfloxacin	S
Trimethoprim/Sulfa	S

Staphylococcus
aureus

Interp

Nitrofurantoin	S
Trimethoprim/Sulfa	R#
Ciprofloxacin	S

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High

Cc:

Chart Request ID: 16587633

Print Date/Time: 2011-01-31 12:59

UR-10-3000032

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EXPEDITED INTERIM CHART

Page 1 of 2

chart 23

Foothills Medical Centre
Location: FMC-61 636 2

MILLMCK CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Microbiology Urine

TEST: Urine Culture
SPECIMEN TYPE: Urine
SPECIMEN SOURCE: Post Pros. Massage Urine
ADDITIONAL INFO: R/O YEAST

COLLECTED: 2010/12/10 14:00 MST
RECEIVED: 2010/12/10 14:05 MST
ACCESSION: UR-10-3000032

Staphylococcus aureus

Trimethoprim/Sulfa Interp corrected from S on 2010/12/10 14:20 MST

*** SUSCEPTIBILITY FOOTNOTES

(1)

This organism has been shown to produce an Extended Spectrum Beta lactamase (ESBL) and should be considered resistant to all Cephalosporins.

LEGEND: @=Abnormal C=Critical *=Footnotes #=Corrected L=Low H=High
Cc:

Chart Request ID: 16587633
Print Date/Time: 2011-01-31 12:59

UR-10-3000032

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EXPEDITED INTERIM CHART
Page 2 of 2

Chart 24

MSG: 43,46



Alberta Health
Services

Calgary Laboratory Services
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MilIMCK CB FSI, Karla

Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Canada

Location: FMC-61 636 2
Ordering: Physician Unknown1, MD

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:
DOB/Gender: 1970-10-27 Female
Telephone:
Encounter: 100042501332

Addendum Report

Accession Number: **NF-10-0007545**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 09:51 MST

Addendum Reason

Testing Netcare and POS.

Addendum Diagnosis

No change in original diagnosis.

FNA, showing metastatic adenocarcinoma.

Reported by: Gates, C.

Electronically signed by: Gates, Colleen

Verified: 2010/12/14 10:47 AM

CG/CG

Addendum Discussion

No discussion.

Non-Gyn Cytopathology Report

Accession Number: **NF-10-0007545**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 09:51 MST

Clinical Information

None

Cc:

Chart Request ID: 16587635

Print Date/Time: 2011-01-31 13:00

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Page 1 of 2

chart 24

Foothills Medical Centre
Location: FMC-61 636 2

MilIMCK CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Non-Gyn Cytopathology Report

Accession Number: **NF-10-0007545**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 09:51 MST

Specimen

Liver FNA

Gross Description

2 ml of yellow fluid is received.

Diagnosis

MALIGNANT CELLS PRESENT. Features are consistent with a metastatic adenocarcinoma.

Screened by: CG

Reported by: Gates, Colleen
(Electronically signed by)
2010/12/14 10:03

Comment

Metastatic adenocarcinoma consistent with Lung Primary.

Cc:

Chart Request ID: 16587635
Print Date/Time: 2011-01-31 13:00

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Page 2 of 2

Chart 25

MSG: 44, 47



Alberta Health
Services

Calgary Laboratory Services
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Millmck CB FSI, Karla

Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Canada

Location: FMC-61 636 2
Ordering: Physician Unknown1, MD

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501332

Gyn Addendum Report

Accession Number: **GH-10-0152011**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:05 MST

Addendum Reason

Revision of diagnosis!

PLEASE NOTE: This Addendum Report introduces a potentially significant change in the diagnosis or a change in patient information. Please clearly mark the Original Report as having been changed, with a clear reference to this Addendum Report (e.g. "Please see additional report").

Addendum Diagnosis

A: CLS GYN Addendum

Specimen:

Cervical Sample LBC.

Specimen Adequacy:

Satisfactory for Evaluation.

Transformation Zone:

Present.

Diagnosis:

Atypical Glandular Cells of Undetermined Significance (AGUS).

Recommendation:

Cc:

Chart Request ID: 16587639

Print Date/Time: 2011-01-31 13:05

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Page 1 of 3

Chart 25

Foothills Medical Centre
Location: FMC-61 636 2

Millimack CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Gyn Addendum Report

Accession Number: **GH-10-0152011**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:05 MST

Repeat the smear in 6 months.

Reported by: Gates, C.

Electronically signed by: Gates, Colleen
Verified: 2010/12/14 10:49 AM
CG/CG

Gyn Cytopathology Report

Clinical Inquiries: 403-770-3272 Report Inquiries: 403-770-3600

Accession Number: **GH-10-0152011**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:05 MST

Clinical Information

Date of LMP: n/a

Specimen

Cervical Sample LBC

Specimen Adequacy:

Satisfactory for Evaluation. Transformation Zone Present.

Diagnosis:

EPITHELIAL CELL ABNORMALITY - Low-Grade Squamous Intraepithelial Lesion (LSIL).

Recommendation:

Repeat the smear in 6 months.

You may need to modify the recommendation based on your clinical assessment and judgement. Please refer to the Alberta Cervical Cancer Screening

Cc:

Chart Request ID: 16587639

Print Date/Time: 2011-01-31 13:05

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Chart 25

Foothills Medical Centre
Location: FMC-61 636 2

MilIMCK CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Gyn Cytopathology Report

Clinical Inquiries: 403-770-3272 Report Inquiries: 403-770-3600

Accession Number: **GH-10-0152011**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:05 MST

Program (ACGSP) Clinical Practice Guidelines for patient management at www.topalbertadoctors.org.

Screened by: CG

Reported by: Gates, Colleen
(Electronically signed by)
2010/12/14 10:07

Cc:

Chart Request ID: 16587639
Print Date/Time: 2011-01-31 13:05

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chart 26

MSG: 45,50



Calgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla
Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Canada

Location: FMC-61 636 2
Ordering: Physician Unknown1, MD

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:
DOB/Gender: 1970-10-27 Female
Telephone:
Encounter: 100042501332

Consultative Addendum Report

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

Consultative Add Reason

Addendum to report outside consult.

Addendum Diagnosis

Case sent to Mayo Clinic for consultation and they agree with original diagnosis.

Reported by: Gates, C.

Electronically signed by: Gates, Colleen
Verified: 2010/12/14 11:13 AM
CG/CG

Addendum Discussion

Testing Netcare and POS addendums.

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

Specimen Description

A. Inferior pulmonary ligament node

Cc:
Physician Test

Chart Request ID: 16587637
Print Date/Time: 2011-01-31 13:00

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Chart 26

Foothills Medical Centre
Location: FMC-61 636 2

MILLMCK CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

- B. Right lower lobe superior segment
- C. Right middle lobe wedge resection
- D. #10R lymph node
- E. Subcarinal #7 lymph node
- F. #12 right upper lobe node
- G. Right upper lobe posterior segment *please note 2 nodules*

Clinical Information

Smoker, enlarging RUL nodule, incidental RML nodule - query metastatic lung Ca.

Diagnosis

A. Inferior Pulmonary Ligament Node:

- Negative for malignancy.

B. Right Lower Lobe Superior Segment:

- Moderately differentiated adenocarcinoma (1.4 cm), with areas of bronchiolo-alveolar carcinoma like growth pattern.
Arises in a background of respiratory bronchiolitis, congestion and mild emphysematous change.
Resection margins negative for malignancy and dysplasia
Pleura free of tumor.

C. Right Middle Lobe Wedge Resection:

- Hyalinized fibrous nodule with chronic inflammatory cells.
Negative for Malignancy and Dysplasia.

D. #10 R Lymph Node:

- Negative for malignancy.

E. Subcarinal #7 Lymph Node:

- Negative for malignancy.

Cc:
Physician Test

Chart Request ID: 16587637
Print Date/Time: 2011-01-31 13:00

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Chart 26

Foothills Medical Centre
Location: FMC-61 636 2

Milimack CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

F. #12 Right Upper Lobe Node:

- Negative for malignancy.

G. Right Upper Lobe, Posterior Segment:

- 1) Moderately differentiated adenocarcinoma (1.7 cm) in a background of respiratory bronchiolitis and emphysematous change

Tumor is morphologically different than that in specimen B and thus is reflective of a second primary site.

- 2) Moderately differentiated adenocarcinoma (2.0 cm), with areas of bronchiolo-alveolar carcinoma like growth pattern. Arises in a background of respiratory bronchiolitis, congestion and mild emphysematous change.

Tumor is morphologically the same as that seen in specimen B but different from the first tumor in specimen G. Thus reflective of pulmonary metastases.

- 3) One microscopic area of Bronchioalveolar Carcinoma (0.6 cm)
- 4) Atypical adenomatous hyperplasia (AAH)
- 5) Resection margins negative for malignancy and dysplasia

Cc:
Physician Test

Chart Request ID: 16587637
Print Date/Time: 2011-01-31 13:00

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Chart 26

Foothills Medical Centre
Location: FMC-61 636 2

Millmuck CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

Pleura free of tumor.

Reported by: Gates, C.

Electronically signed by: Gates, Colleen
Verified: 2010/12/14 10:40 AM
CG/CG

Synoptic Report

G: CLS Lung Resection

Specimen Type:

Wedge resection

Laterality:

Right

Tumor Site:

Upper lobe

Tumor type:

Adenocarcinoma

Grade:

Moderately differentiated

Location:

Peripheral

Satellite nodules in same lobe:

Positive

Intrapulmonary metastases:

Positive

Vascular invasion:

Negative

Perineural invasion:

Negative

Margins: - Bronchial:

Tumor 0.5 cm away from stapled resection margin

Margins: - Medistinal:

Negative

Pleural invasion:

Cc:

Physician Test

Chart Request ID: 16587637

Print Date/Time: 2011-01-31 13:00

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chart 26

Foothills Medical Centre
Location: FMC-61 636 2

MILLMCK CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: SF-10-0020326

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

Negative

Atelectasis/Obstructive Pneumonia:

Negative

Lymph nodes

B: CLS Lung Resection

Specimen Type:

Wedge resection

Laterality:

Right

Tumor Site:

Lower lobe

Tumor type:

Adenocarcinoma

Grade:

Moderately differentiated

Location:

Peripheral

Size:

Maximum dimension 1.4 cm

Satellite nodules in same lobe:

Negative

Vascular invasion:

Negative

Perineural invasion:

Negative

Margins: - Bronchial:

Tumor 1.5 cm away from stapled resection margin

Pleural invasion:

Negative

Atelectasis/Obstructive Pneumonia:

Negative

In situ component:

Negative

Lymph nodes:

Negative

Cc:
Physician Test

Chart Request ID: 16587637

Print Date/Time: 2011-01-31 13:00

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Page 5 of 7

Chart 26

Foothills Medical Centre
Location: FMC-61 636 2

Millmuck CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

Gross Description

Received are specimens A to G. All requisitions and specimen containers are labelled with the patient's name. The cassettes and AP identifiers are labelled with the Surgical Number SF10-19864.

A. Received is a single grey/tan irregular soft tissue nodule measuring 1.0 x 0.8 x 0.2 cm. It is trisected and submitted in one block. ARH/ct

B. The specimen consists of a lung wedge (10 x 6 x 2.5 cm) with a single yellow spiculated nodule (1.0 cm) located 1.5 cm from the painted (black) staple margin. Representative section submitted for QS. IC/ct

Another stapled margin is identified opposite to the first. The staples are cut and the resection surface is painted blue. The lung wedge is sectioned serially. The primary tumor mass identified during the frozen section is seen. No other tumor masses, areas of consolidation or fibrosis are identified. Sections are submitted as follows:

B2-B3 sections of the primary tumor mass, submitted in toto

B4-B6 representative sections of the lung parenchyma adjacent to the tumor mass

B7-B10 random representative sections of the grossly normal-appearing lung parenchyma ARH/ct

C. The specimen consists of a lung wedge (3.5 x 2.5 x 0.5 cm) containing a single subpleural nodule (0.1 cm and ? circled). Staple resection margin painted black. Nodule submitted in toto for QS. IC/ct

The remaining portion of the wedge was sectioned serially and appears to be grossly normal. Random representative sections will be submitted in blocks C2-C4. ARH/ct

D. Received is a single grey/tan irregular portion of soft tissue measuring 1.5 x 0.6 x 0.2 cm. It is bisected longitudinally and submitted totally in one block.

E. Received are two portions of irregular grey/tan tissue measuring in aggregate 1.2 x 0.8 x 0.3 cm. Each of the portions are bisected longitudinally and submitted totally in blocks E1 and E2.

F. Received are multiple portions of grey/tan and irregular soft tissue measuring in aggregate 1.5 x 1.3 x 0.2 cm. The largest portion is bisected and submitted totally in block F1. The remaining portions are submitted totally in block F2.

G. Received is a wedge of lung tissue measuring 13.0 x 7.5 x 1.3 cm. A stapled resection margin is identified. The stapled resection margin is painted blue. The pleural surface shows puckering, at a distance of 2.5 cm from the stapled margin. Underneath this puckered pleural surface, an irregular firm-to-hard nodule can be palpated. On serial sectioning

Cc:
Physician Test

Chart Request ID: 16587637

Print Date/Time: 2011-01-31 13:00

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chart 26

Foothills Medical Centre
Location: FMC-61 636 2

MilIMCK CB FSI, Karla
Chart ID:

MRN: RHRN2250008675
PHN: AB79827-4114
ACB:

Surgical Pathology Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **SF-10-0020326**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:23 MST

of the lung wedge, a yellow/tan firm-to-hard irregular nodule is identified coming within 0.2 cm of the pleural surface and 0.5 cm from the stapled resection margin. The mass itself measures 1.7 x 1.1 x 1.2 cm. Another irregular firm-to-hard yellow/tan mass is identified coming within 0.2 cm of the puckered pleural surface. This mass measures 2.0 x 1.1 x 1.1 cm. This mass is located at a distance of 1.7 cm from the first tumor mass (where the depth of the lung wedge is 4.5 cm). The rest of the lung parenchyma appears to be grossly normal with no areas of fibrosis or consolidation identified. Sections are submitted as follows:

G1-G3 sections of the primary tumor mass, submitted in toto

G4 sections of the primary and secondary tumor mass to show the relationship between the two (contiguous sections)

G5-G7 representative sections of the secondary tumor mass to show its relationship with puckered pleural surface

G8-G12 random representative sections of the grossly normal-appearing lung parenchyma

ARH/ct

Frozen Section Diagnosis

B. Right Lower Lobe Superior Segment:

- Well-differentiated adenocarcinoma with BAC features /IC Conf #65

C. Right Middle Lobe Wedge:

- Benign fibrous nodule, negative for malignancy IC/ct Conf #66

Reported by: V V Falck

Pathologist Comment

Sections show insitu and invasive adenocarcinomas. One of the adenocarcinomas is distinct from the rest and thus indicative of multiple primary tumors, however the remaining tumors in the two separate lobes are histologically similar and consistent with pulmonary metastases. As the lower lobe tumor is smaller than the upper lobe tumor and insitu disease is noted in the upper lobe, the upper lobe would be regarded as the primary tumor in this case. This means two separate primary tumors are present in the upper lobe with upper lobe and lower lobe metastases from one of the two primary tumors.

Cc:
Physician Test

Chart Request ID: 16587637

Print Date/Time: 2011-01-31 13:00

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Page 7 of 7

chart 27

MSG: 48, 49



Calgary Laboratory Services
(403) 770-3600

MillMCK CB FSI, Karla

Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Calgary

Location: FMC-61 636 2
Ordering: Physician Unknown1, MD

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone:

Encounter: 100042501332

Consultation Addendum Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: RF-10-0000900

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:53 MST

Consult Addendum Diagnosis

Slides and blocks reviewed by Lung specialty group. Diagnosis remains unchanged.

Reported by: Gates, C.

Electronically signed by: Gates, Colleen
Verified: 2010/12/14 11:07 AM
CG/CG

Consult Addendum Discussion

No discussion.

Consultation Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: RF-10-0000900

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:53 MST

Consult Description

Consult Specimen

Consult Type: TBCC Consult

Materials received: 21 Block 45 Slides

Cc:

Physician Test

Chart Request ID: 16587634

Print Date/Time: 2011-01-31 12:59

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Chart 27

Foothills Medical Centre

Milimack CB FSI, Karla

Chart ID:

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

Consultation Report

Inquiry Numbers: ACH 403-955-7387 FMC 403-944-1363 PLC 403-943-4921 RGH 403-943-3418 DSC 403-770-3232

Accession Number: **RF-10-0000900**

Collected Date: 2010-12-14

Pathologist: Gates, Colleen

Received Date/Time: 2010-12-14 10:53 MST

Received from: PLC Received by: CG

Diagnosis

Abdominal Midline Mass, Core Biopsies:

- **High grade neuroendocrine carcinoma**
- **(Extensive necrosis, prominent mitotic activity, Ki67 index greater than 50%)**
- **Site of primary origin cannot be determined on histology (see micro**

Reported by: Gates, C.

Electronically signed by: Gates, Colleen

Verified: 2010/12/14 10:56 AM

CG/CG

Microscopic Description

This case was reviewed at the request of Dr. M. V, GI Oncology Group at the Tom Baker Cancer Centre. This patient has a midline upper abdominal mass which clinically would be most consistent with a gallbladder carcinoma. Specific question in this review is whether the possibility of a pancreatic primary as suggested originally, or other site of primary is more likely.

This biopsy specimen consisted of two cores of tissue that consist of fibrous tissue and necrotic areas with only small foci of residual viable neoplastic epithelium. This appears to be arranged into vague nests focally showing small intercellular lumina. There appears to be a peripheral arrangement of nuclei and many of the nuclei have a granular chromatin in a pattern raising the possibility of neuroendocrine tumor. However, there is prominent mitotic activity (three or more per high power field on the limited material) and moderate nuclear pleomorphism. A positive synaptophysin immunostain supports neuroendocrine differentiation. I have also done a Ki67 which shows nuclear positivity in approximately 50% of the viable tumor nuclei.

TTF1 positivity is not specific; Although a lung primary cannot be excluded, up to 50% of high grade neuroendocrine carcinomas from sites other than the lung, may show TTF1 positivity. I also did CDX2 immunostains which show patchy positivity further raising the suspicion of a possible gastrointestinal origin, although serotonin immunostains are negative.

In summary, the sample is limited, but the tumor that is viable has the morphology and immunostaining pattern of a high grade neuroendocrine carcinoma (high mitotic activity, Ki67 index of 50%). No other carcinoma component is present. As

Cc:
Physician Test

Chart Request ID: 16587634

Print Date/Time: 2011-01-31 12:59

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chart 27

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originally reported, it is difficult to determine site of origin in this small biopsy fragment. A pancreatic origin is a possibility, but a primary in other areas of the gastrointestinal tract (including gallbladder), lung, or other organs with metastasis to the upper abdomen (liver, gallbladder) cannot be excluded.

Cc:
Physician Test

Chart Request ID: 16587634
Print Date/Time: 2011-01-31 12:59

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Alberta Health
Services

chart 28

MSG: 35, 36, 40

Calgary Laboratory Services
(403) 770-3600

MILIMCK CB FSI, Karla

Chart ID:

Foothills Medical Centre
1403 29 St NW

Calgary AB T2N 2T9
Canada

Location: FMC-61 636 2
Ordering: Physician Unknown1, MD

MRN: RHRN2250008675

PHN: AB79827-4114

ACB:

DOB/Gender: 1970-10-27 Female

Telephone: (000)000-0000

Encounter: 100042501332

Microbiology Wound/Abscess

TEST: Wound Culture

SPECIMEN TYPE: Superficial Wound Swab

SPECIMEN SOURCE: Finger

ADDITIONAL INFO: right hand

COLLECTED: 2010/12/10 14:00 MST

RECEIVED: 2010/12/10 14:05 MST

ACCESSION: WN-10-3000020

GRAM STAIN REPORT

No neutrophils seen
No epithelial cells seen
No organisms seen

Verified: 2010/12/10 14:10 MST

PRELIMINARY REPORT

Coagulase negative Staphylococcus, not S.saprophyticus

Verified: 2010/12/10 14:17 MST

Additional info / info provided on requisition:

D1

Pending Orders

Drawn Date	Order Name
2010-12-02	Computer Crossmatch
2010-12-02	DAT Polyspecific
2010-12-02	Computer Crossmatch
2010-12-02	DAT Polyspecific
2010-12-03	ABORh Manual Repeat
2010-12-03	Computer Crossmatch

Pages 2-8 not in HLT Message.

LEGEND:

@=Abnormal

C=Critical

*=Footnotes

#=Corrected

L=Low

H=High

Cc:

Chart Request ID: 16586445

Print Date/Time: 2011-03-28 13:52

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WN-10-3000020

Lab: Inpatient FMC - Permanent

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