

Date: June 21, 2010

To: Alberta Health Services (AHS)
Physicians, Cross Cancer Institute (CCI) – Administration, Oncologists, Out Patient
Department, Nursing Units, Pharmacy, Diagnostic Imaging, Radiation Therapy, Clinical
Research Unit, Tom Baker Cancer Centre (TBCC) Translational Laboratory, Laboratory
Directors and Managers

From: AHS Edmonton and Area, Laboratory Services

Re: Transition of CCI Sunrise Laboratory Information System (LIS) to Sunquest (LIS)

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Message

The Cross Cancer Institute Sunrise Laboratory Information System (LIS) will be transitioning to the Sunquest Laboratory Information System **effective Monday, June 28, 2010**. This transition will provide consistency with laboratory result reporting across the Edmonton Zone.

What to expect with this transition

General laboratory test results reported on Cancer Care Patients from CCI will now be issued in a **new report format**. Test results will be accessible in both Netcare and the CCI Aria Hospital Information System. Paper distribution of lab reports to physicians will continue. Included are report format examples representing Cumulative reports (in patients) and Event reports (out patients).

New Critical Ranges and Laboratory Result Phoning Protocol

Platelets	<20 X 10 ⁹ /L ***
Hemoglobin	<60 g/L
APTT	>135 seconds
Absolute Neut	<0.6 (routine out patients only)

***Critical results of platelets less than 20 will be phoned on the **first day** to the nurse or physician. Each **subsequent day until day 7** the comment “**Result previously critical**” will appear beside the result.

New Reference Ranges

Erythrocyte Sedimentation Rate (ESR) Male 0 – 10 mm/hr Female 0 – 15 mm/hr
Lactate Dehydrogenase (LD) 100 – 225 U/L

The WBC differential will be reported as both absolute and percent values. The reporting of percent values is a temporary measure which will be re evaluated at a later date as part of an update to differential reporting throughout the Edmonton Zone.

Additional Information

Clinical Trials and Serum Tumour Marker result reporting will continue to be supported by the Sunrise Laboratory Information System. Transition plans are underway and will be communicated at a later date.

Your cooperation and patience as we continue to improve our laboratory infrastructure are appreciated.

Inquiries and feedback may be directed to:

Betty Allen, Manager, Cancer Services at (780) 432-8705

This bulletin has been reviewed and approved by Dr. Robert Rennie and Dr. Tom Higa.

*****THIS IS A TEST PATIENT*****

AHS - Edmonton and Area
Laboratory Client Response Centre
8440-112 St., Edmonton, AB, T6G 2B7
Tel: (780) 407-7484 1-866-407-7767

DynaLIFE DX
#200,10150-102 St,Edmonton, AB. T5J 5E2
Tel.: (780)451-3702 Fax: (780)452-8488
1-800-661-9876

Patient Name: **TESTPATIENT, LAB**
Medical Record #: **014078145182**
DOB: 23/Oct/1991 Age: 18Y Sex: F

LOC: **UNKNOWN LOCATION** RM: **UNK01**
PHN: 014078145182
Dr: LIS, TEST DOCTOR

***** ROUTINE HEMATOLOGY *****

DATE:	15/Jun/10		REF RANGE	UNITS
TIME:	*1408			
Hb	145		120-160	g/L
RBC	3.41 L		3.80-5.20	10**12/L
HCT	0.42		0.36-0.46	L/L
MCV	90		80-100	f/L
MCHC	349		320-360	g/L
RDW	11.5		<15.6	%
PLT	292		140-450	10**9/L
WBC	9.3		4.0-11.0	10**9/L

SAMPLE REPORT

Patient Name: **TESTPATIENT, LAB**
Alberta PHN: 014078145182
REVIEWED BY: _____
ADDT'L INFO:

Medical Record Number: **078145182**
LOC CODE: **UNK**
Report Date/Time: 15/Jun/2010 14:26 Pg 1

DAILY CUM-discard when next DAILY rec'd

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NAME: TESTPATIENT, LAB
ID#(PHN): 014078145182

LOCATION/ROOM#:
UNKNOWN LOCATION /

AGE: 18Y SEX: F DOB: 23/Oct/1991

PHY.: LIS, TEST DOCTOR
LIS

PT HOME PHONE#: (780)999-9999
MEDICAL RECORDS #: 014078145182

T1002058 COLL: 15/Jun/2010 14:52 REC: 15/Jun/2010 14:53 PHYS: LIS, TEST DOCTOR

COMPLETE BLOOD COUNT

HGB	145	[120-160]	g/L
RBC	L 3.56	[3.80-5.20]	10**12/L
HCT	0.42	[0.36-0.46]	L/L
MCV	90	[80-100]	fL
MCHC	349	[320-360]	g/L
RDW	11.5	[<15.6]	%
PLT	292	[140-450]	10**9/L
WBC	9.3	[4.0-11.0]	10**9/L

SAMPLE REPORT

NOTE: If patient age/gender is not provided the adult male reference range is shown.

LOC CODE: UNKO

TESTPATIENT, LAB

014078145182

MR#: 014078145182

REVIEWED BY: _____

PAGE: 1

INDIVIDUAL EVENT REPORT

END OF REPORT

15/Jun/2010

14:56

EVENT REPORT COMPLETED