

## TRAINING UPDATE

**Lab Location:** SGMC, WAH & GEC  
**Department:** Core

**Date Distributed:** 9/6/2018  
**Due Date:** 9/22/2018  
**Implementation:** 9/6/2018

### DESCRIPTION OF REVISION

**Name of procedure:**

**Downtime Core Lab Interim Report; AG.F418**  
**Downtime Urinalysis Interim Report; AG.F419**  
**Downtime Micro/Serology Interim Report; AG.F420**  
**Downtime Core Lab Interim Report, GEC; AG.F421**  
**Downtime Blood Gas Interim Report, GEC; AG.F422**

**Description of change(s):**

Updated previous Core, UA & Micro/Sero forms to reflect current test menu and appropriate ranges.

Created GEC specific Core and Blood Gas forms.

Placed forms under document control.

**These will be used for the upcoming downtime scheduled for end of September**

**These FORMS were implemented on Sept 6, 2018**

**Document your compliance with this training update by taking the quiz in the MTS system.**

### Downtime Core Lab Interim Report

Hematology General			
Test	Results	Reference Range	Tech code
Kleihauer Betke		No Fetal cells detected	
Sedimentation Rate		Female: 0-30mm/hr Male: 0-10mm/hr	
pH Fluid		None established	
BNP (by Triage)		0 – 100 pg/mL	
Platelet Function - Verify Now		194 – 418 PRU	
Platelet Function Test PFA100	Col. EPI: Col. ADP:	Col. EPI 94 - 193 sec. Col. ADP 71 - 118 sec.	
Comments:			

Body Fluid Cell Count and Differential				
Test	Results	Test	Results	Tech code
Type of Fluid		RBCs / $\mu$ L		
Source of Fluid		Poly.		
Color		Lymphocytes		
Appearance		Monocytes		
Tube number		Eosinophils		
WBCs / $\mu$ L		Crystals (Synovial Fluid)		
Comments:				

Chemistry General			
Test	Results	Reference Range	Tech code
Fetal Fibronectin		Negative	
Osmolality, Serum		280 – 295 mOsm/kg H <sub>2</sub> O	
Osmolality, Urine		500 – 800 mOsm/kg H <sub>2</sub> O	
Ketone Test, blood		0.02 – 0.27 mmol/L	
Fetal Hemoglobin (APT)		Negative for fetal hemoglobin	
Pregnancy Qualitative, Serum		Negative	
iPTH		11.0 – 80.0 pg/mL	
BNP (by Centaur)		0 – 100 pg/mL	
Procalcitonin (PCT)		< 0.10 ng/mL	
Tricyclic Antidepressants (TCA)		None detected	
Carboxyhemoglobin		%COHb: 0.0 - 4.0%	
Methemoglobin		%MetHb: 0.0 - 3.0%	
Comments:			

24 hour Urine Collection		
Patient Height:	Patient Weight:	Urine Volume:
Period:	Today's date:	Tech Code:
Comments:		

Accession #: (“A/Z” label)	Comment: _____ _____  Tech Code: _____ Date: _____ Time: _____	HIS patient label /Patient ID
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- Germantown Emergency Center
- Shady Grove Medical Center
- Washington Adventist Hospital

### Downtime Urinalysis Interim Report

Patient Results / Instrument Printout	Test	Reference Range	Tech Code
	Acc# / Date / Time		
	Glucose	Negative	
	Bilirubin	Negative	
	Ketone	Negative	
	Specific Gravity	1.005 to 1.030	
	Blood	Negative	
	pH	5.0 – 9.0	
	Protein	Negative	
	Urobilinogen	0.2 – 1.0 EU/dL	
	Nitrites	Negative	
	Leukocytes	Negative	
	Color	Yellow	
	Clarity	Clear	
Comments:			

Urinalysis Microscopic Result Entry						
Test	Results					Tech code
WBC	0	2 – 5	6 – 10	11 – 20	21-100	TNTC
RBC	0	2 – 5	6 – 10	11 – 20	21-100	TNTC
Bacteria	0	1+	2+	3+	4+	
Epithelial Cells	0	Occ.	1+	2+	3+	4+
Mucus	1+		2+		3+	
Amorphous	1+		2+		3+	
Trichomonas	None			Present		
Yeast	None			Present		
Crystals	Identify:			Result:		
Casts	Identify:			Result:		
Comments:						

Urinalysis General / Immunology			
Test	Results	Reference Range	Tech code
Pregnancy Qualitative, Urine		Negative	
Monotest (Qualitative)		Negative	
Rapid HIV-1/2 Antibody Test*		Non-Reactive	
Stool for WBC		None detected	
Comments:			

\*If reactive, then HIV confirmatory test is reflexed.

Accession #: (“A/Z” label)	Comment: _____ _____  Tech Code: _____ Date: _____ Time: _____	HIS patient label/ Patient ID
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### Downtime Micro/Serology Interim Report

Gram Stain				
Source:				
Quantity	Cells	Bacteria Morphology	Description	Tech Code
Rare	WBC	Cocci	Branching	
Few	RBC	Rod	Chains	
Moderate	Epithelial	Coccobacilli	Clusters	
Many	Yeast	Rod resembling diphtheroids	Pairs	
		Diplococci	Intracellular	
		Gram Positive	Extracellular	
		Gram Negative		
<b>Results</b> (Use above terminology):				
Critical call documentation				
Called to and read back by:		Date:	Time:	Tech:

Wet Prep				
Report only the following:	Trichomonas	Clue Cell	Yeast	Tech:
<b>Results</b> (Use quantity terms specified above for gram stain):				

Serology Tests				
Test	Results	Reference Range	Critical Values	Tech Code
RSV		Negative		
Influenza		Negative		
Strep Group A*		Not detected		
Occult Blood		Negative		
Rotavirus		Negative		
Malaria Smear		No parasites seen	Parasites seen	
C. diff (Clostridium difficile)	Toxigenic <i>C. diff</i> : 027 presumptive:	Not detected	Detected	
Critical call documentation				
Called to and read back by:		Date:	Time:	Tech:

**\*If Strep Group A is detected, culture needs to be canceled.**

Accession #: ("A/Z" label)	Comment: _____ _____  Tech Code: _____ Date: _____ Time: _____	HIS patient label / Patient ID
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### Downtime Core Lab Interim Report

Hematology General			
Test	Results	Reference Range	Tech code
Sedimentation Rate		Female: 0-30mm/hr Male: 0-10mm/hr	
Comments:			

Body Fluid Cell Count and Differential				
Test	Results	Test	Results	Tech code
Type of Fluid		RBCs / $\mu$ L		
Source of Fluid		Poly.		
Color		Lymphocytes		
Appearance		Monocytes		
Tube number		Eosinophils		
WBCs / $\mu$ L		Crystals (Synovial Fluid)		
Comments:				

Chemistry General			
Test	Results	Reference Range	Tech code
Ketone Test, blood		0.02 – 0.27 mmol/L	
Pregnancy Qualitative, Serum		Negative	
BNP (by iSTAT)		0 – 100 pg/mL	
Comments:			

Accession #: (“A/Z” label)	Comment: _____ _____  Tech Code: _____ Date: _____ Time: _____	HIS patient label /Patient ID
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### Downtime Blood Gas Interim Report

Blood Gas					
Test	Results	Age	Reference Range	Critical Values	Tech code
pH Arterial		0 - 30D	7.30 - 7.42	All ages <7.21, >7.59	
		31D - 17y	7.37 - 7.44		
		> 18y	7.35 - 7.45		
PCO2 Arterial		0 - 30D	35.0 - 50.0 mmHg	<21.0, >66.0 <19.0, >67.0	
		31D - 17y	40.0 - 52.0 mmHg		
		> 18y	41.0 - 51.0 mmHg		
PO2 Arterial		0 - 30D	54 - 62 mmHg	<37, >92 <45, >124	
		31D - 17y	80 - 100 mmHg		
		> 18y	80 - 105 mmHg		
%O2 Arterial	%		None defined		
Base excess/ Base deficit Arterial	mmol/L	0 - 30D	-3 to -7 mmol/L		
		31D - 17y	-2 to +2 mmol/L		
		> 18y	-2 to +3 mmol/L		
HCO3 Arterial	mmol/L	0 - 30D	17.6 - 22.8 mmol/L		
		31D - 17y	22.0 - 26.0 mmol/L		
		> 18y	22.0 - 26.0 mmol/L		
pH Venous		0 - 30D	7.32 - 7.46		
		31D - 17y	7.31 - 7.41		
		> 18y	7.31 - 7.41		
PCO2 Venous		0 - 30D	35.0 - 50.0 mmHg		
		31D - 17y	40.0 - 52.0 mmHg		
		> 18y	41.0 - 51.0 mmHg		
PO2 Venous		0 - 30D	30 - 60 mmHg		
		31D - 17y	30 - 50 mmHg		
		> 18y	40 mmHg		
%O2 Venous	%		None defined		
Base excess/ Base deficit Venous	mmol/L	31D - 17y	-2 to +2 mmol/L		
		> 18y	-2 to +3 mmol/L		
HCO3 Venous	mmol/L	0 - 30D	20.0 - 26.0 mmol/L		
		31D - 17y	22.0 - 28.0 mmol/L		
		> 18y	23.0 - 28.0 mmol/L		
Comments:					
<b>Critical call documentation</b>					
Called to and read back by:			Date:	Time:	Tech:

Accession #: ("A/Z" label)	Comment: _____	HIS patient label /Patient ID
	_____	
	Tech Code: _____	
	Date: _____	
	Time: _____	

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