

Care Setting	Contact	Alternate Contact	Comments
Emergency Department (ED)	ED physician (via HUC or direct call)	Any RN on customer's unit	
Inpatient	Any RN on customer's unit	Charge nurse on customer's unit	
Maple Grove Hospital	Any RN on customer's unit	Charge nurse on customer's unit	Refer to MGH phone listing
Transitional / long term care	Customer's nurse or charge nurse	Any RN on customer's unit	
Outpatient / North Memorial Health Clinics / Home Health / Outreach sites	Customer's nurse or charge nurse / triage nurse / staff authorized by the client to accept critical results	After hours: 1. Physician on call 2. Pathologist on call	

Refer to the **Kidney Specialist of Minnesota (KSM) – Calling of Critical results Policy** for specific instructions.

For Microbiology / Serology Test, refer to the **Microbiology / Critical Laboratory Values Calling Policy**

CHEMISTRY		THERAPEUTIC DRUGS	
K+	< 3.0 mMol/L KSM <2.5 mMol/L	>6.2 mMol/L KSM >6.0 mMol/L	Digoxin > 2 ng/mL
Na+	< 120 mMol/L	>154 mMol/L	Salicylate > 60 mg/dL
**Newborn	< 125 mMol/L	>154 mMol/L	Theophylline > 60 mcg/mL
*BUN		> 80 mg/dL KSM >100 mg/dl	Acetaminophen > 150 mcg/mL
*Creat		> 6 mg/dL KSM >10 mg/dl	Vancomycin Trough > 22.5 mcg/mL
*CO ₂	< 12 mMol/L KSM < 10 mMol/L	> 38 mMol/L KSM >40 mMol/L	
pH, arterial	< 7.25	> 7.56	
pH, venous	< 7.20	> 7.56	MICROBIOLOGY and SEROLOGY
pCO ₂ , arterial		> 60 mmHg	Positive AFB smears
**Newborn arterial	< 20 mmHg	> 60 mmHg	Positive blood cultures
pO ₂ , arterial	< 50 mmHg	> 400 mmHg	Positive newborn cultures for Group B Strep. or Listeria
Ionized Calcium	≤ 0.8	≥ 1.5 mMol/L	Positive spinal and synovial fluid gram stains
Calcium	< 7 mg/dL	> 12 mg/dL	Positive spinal and synovial fluid cultures if gram stain negative
Lactate	>4 mMol/L or	<10% drop if previous result in the same visit was >2.2 mMol/L	In-house positive child bearing related cultures (vag. cervix, placenta, etc.) for Group B Strep. or Listeria from women 13 - 45 years of age. Also call results to the nursery if appropriate
Phosphorus	<1.0 mg/dL		Gram stain results from the OR unless declined by physician
**Newborn	< 2.0 mg/dL	> 10 mg/dL	Identified malaria, babesiosis, and ehrlichiosis
Magnesium	< 0.8 mg/dL	> 5.0 mg/dL	Positive Enterovirus CSF by PCR results
*Blood Lead			Positive Influenza PCR results
Child (0-17)		≥ 20 mcg/dL	Positive Cryptococcus India Ink or Antigen – Inpatients only
Adult		≥ 45 mcg/dl	Positive C Difficile toxin PCR results – Inpatients only
*Bilirubin, customers < 14 days old		> 15 mg/dL	First positive culture for CRE, ESBL, MRSA, VISA, VRSA or VRE – Inpatients only
*CK		> 1000 Units/L	Identified Histoplasma, Blastomyces, Coccidioides, Sporothrix, or any molds from sterile sites
*Troponin I		> 1.5 ng/mL	
Carbon Monoxide		≥ 20%	
Plasma Glucose	< 50 mg/dL	> 450 mg/dL	
**Newborn	< 50 mg/dL	> 200 mg/dL	
Whole Blood Glucose	< 50 mg/dL	> 450 mg/dL	
***Newborn	< 50 mg/dL	> 200 mg/dL	
Phenytoin, free		> 4 µg/mL	
Syphilis ab screen		Reactive or Equivocal (Inpatients Only)	

HEMATOLOGY/COAGULATION			
*Hgb, adult	< 6.5 gm/dL KSM <7 gm/dl		* Values which agree with recent previous results during one encounter (same HAR#) will not be called again. ** Customers between 0 and 30 days old are considered newborns. Betty Pakzad, MD, Medical Director December 11, 2018
**Newborn	< 10 gm/dL	> 25 gm/dL	
Platelet	< 20 K/uL OB-GYN <50 K/uL	> 1000 K/uL	
**Newborn	< 100 K/uL	> 1000 K/uL	
*WBC	< 1 K/uL	>100 K/uL	
**Newborn	< 5 K/uL	>30 K/uL	
*Absolute Neutrophil Count	< 0.5 K/uL		
INR		> 5	
**Newborn		> 1.7	
PTT		> 135 seconds	
**Newborn		> 50 seconds	
Heparin (UF)		>1.0 IU/mL	