

CRITICAL VALUE POLICY

Critical Results	CMC Critical Results		
	called 24 hrs/day, 7 days/wk *** first instance only		
Testing Performed On Site	Units	low	high
CHEMISTRY			
Amylase***	U/L		>300 ***
BUN***	mg/dL		>100***
Calcium	mg/dL	<6.5	>12.5
CO2	mEq/L	<10	≥45
CPK***	U/L		>1000 ***
Creatinine***	mg/dL		>3.5***
Glucose	mg/dL	<60	>500
Glucose (Pedi up to 17yrs)	Mg/dL	<60	>300 <i>pedi</i>
Neonatal Glucose (up to one month old)	mg/dL	< 40	>150
Glucose, CSF	mg/dL	<40	>400
Lactic Acid	mmol/L		>2.2 mmol/L
Magnesium	mg/dL	<1.0	>5.0
Phosphorus	mg/dL	<1.0	
Potassium	mEq/L	<3.0	>6.0
Protein, CSF	mg/dL		>100
Sodium	mEq/L	<120	>160
Total Bilirubin***	mg/dL		>15.0 ***
Neonatal Bilirubin (up to 2 weeks old) Total Bilirubin (up to 19 years)	mg/dL		>12.0 >0.6 *** and All Positives on the ED panel
COAGULATION			
Fibrinogen	mg/dL	≤100	≥700
INR	INR		≥5.0
PTT	sec.		≥110
HEMATOLOGY			
WBC # *** (age greater than 30 days)	x 10	≤2.0***	≥30.0***
WBC*** (age 0- 30 days)		≤5.0	≥35.0
Absolute Neut***		≤0.5***	
Absolute Neut*** Ascitis Fluid			≥249***
Bands***			>20% *** when WBC is less than 11.0
Blast Cells***			any cells reported***
Hemoglobin	g/dL	≤7.0	≥20.0
Neonatal Hemoglobin (up to one month old)	g/dL	≤7.0	≥23.0
Platelet Count***	x 10	≤30 ***	≥1,000***
Fetal Fibronectin		All Positives	
Malarial Slides***		All Positives***	

Added for April 1, 2010

No Upper criticals defined 0-1yr
No Upper criticals defined 0-14day

Added for April 1, 2010

This list was approved by the MEC 05/15/07. Updates approved 11/07. Updates approved 10/08. Updates approved 11/08. Annual review and revisions approved by MEC 02/18/2009, March 16, 2010.

CRITICAL VALUE POLICY

Critical Results		CMC Critical Results	
Testing Performed On Site		called 24 hrs/day, 7 days/wk	
		*** first instance only	
Dept/Test	Units	low	high
TDM			
Acetaminophen	ug/mL		>100
Carbamazepine	ug/mL		>20
Digoxin	ug/mL		>2.5
Dilantin	ug/mL		>40
Gentamicin	ug/mL		>12.0
Lithium	mEq/L		>2.0
Phenobarbital	ug/mL		>60
Salicylate	mg/ml		>30
Theophylline	ug/mL		>25
Theophylline-neonatal	ug/mL		>20
Tobramycin	ug/mL		>10.0
Valproic Acid	ug/mL		>200
Vancomycin (random, and trough)	ug/mL		>20
Vancomycin (peak)	ug/mL		>40
Blood Bank			
Antibody Screen***		All positives***	
Direct Antiglobulin ***		All positives***	
Kleihauer-Betke		All Results	
Microbiology			
Blood Cultures (initial gram stain)		All positives	
CSF gram stain or culture		All positives	
H. Influenza B (pediatric)		All positives	
Strep. Group B vaginal (Labor and Delivery patients only)		All positives	
Newborn, gastric aspirates, gram stain, cultures		All positives	
Cryptococcal Antigen		All positives	

Testing done Off Site

Quest Diagnostics will use reasonable efforts to promptly communicate 24/7 the results of "critical" tests according to the definition of the Clinical Laboratory Amendment of 1988 (CLIA; CFR493.11109f) and the College of American Pathologists (CAP) Laboratory Inspection Program, which performs laboratory accreditation on behalf of the Centers for Medicare and Medicaid (CMS).

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