

CAMC CRITICAL VALUES – CALL BACK

Anatomical Pathology
Fat in endometrial curettings
Fat in endoscopic biopsy
Malignancy in unexpected location
Neoplasms causing paralysis
No chorionic villi seen in POC
Serious infections, including those involving CNS, heart, and eye
Significant difference between frozen section and permanent diagnosis
Significant difference between immediate and final FNA interpretation

Chemistry		
Test	Low	High
Bilirubin, Total, Plasma or Serum Newborns ≤1 day Newborns 1-2 days Newborns 3 days Newborns 4 days Newborns 5-30 days Newborns >30 days-24 months		≥ 4 mg/dL ≥ 7 mg/dL ≥ 9 mg/dL ≥ 11 mg/dL ≥ 15 mg/dL ≥ 18 mg/dL
Blood Gas, Arterial and Capillary pH pCO ₂ pO ₂	≤7.200 ≤20 mmHg ≤50 mmHg	≥7.600 ≥70 mmHg none
Calcium, Ionized, Blood	≤0.4 mg/dL	
Calcium, Total, Plasma or Serum 0-12 Year >12 Years	≤7.5 mg/dL ≤6.0 mg/dL	≥12.0 mg/dL ≥12.0 mg/dL
Carbon Dioxide, Plasma or Serum	≤10 mmol/L	≥40 mmol/L
Carbon Monoxide, Blood		≥20%
Glucose, Plasma or Serum 0-1day 1 day – 1 month >1 month-12 yrs >12 years	≤42 mg/dL ≤42 mg/dL ≤50 mg/dL ≤60 mg/dL	≥180 mg/dL ≥250 mg/dL ≥250 mg/dL ≥500 mg/dL
Lactic Acid		≥4.0 mmol/L
Magnesium, Plasma or Serum Adults	≤1.0 mg/dL	≥3.0 mg/dL
Phosphorus, Plasma or Serum Newborn (< 1 month) Pediatrics (1 month – 12 yrs) Adults (>12 yrs)	≤2.9 mg/dL ≤1.5 mg/d ≤1.0 mg/dL	none none none
Potassium, Plasma or Serum	≤3.0 mmol/L	≥6.0 mmol/L
Sodium, Plasma or Serum 0-12 years >12 years	≤130 mmol/L ≤120 mmol/L	≥150 mmol/L ≥160 mmol/L

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Therapeutic Drugs		
Test	Low	High
Acetaminophen		≥ 50 µg/mL
Carbamazepine, Total		≥ 18 µg/mL
Cyclosporine		≥ 1,000 ng/mL
Digoxin		≥ 2.5 ng/mL
Gentamicin Peak/Random Trough		≥ 12 mg/L ≥ 2 mg/L
Lidocaine		≥ 5 µg/mL
Lithium		≥ 2.00 mmol/L
Phenobarbital		> 60 µg/mL
Phenytoin		≥ 30 µg/mL
Salicylate		≥ 40 mg/dL
Theophylline		> 20 µg/mL
Tobramycin Peak/Random Trough		≥ 12 µg/mL ≥ 2 µg/mL
Valproic Acid		≥ 150 µg/mL
Vancomycin Peak/Random Trough		≥ 80.0 µg/mL ≥ 25.0 µg/mL

Cytology
Genital cases interpreted as malignant
Malignant cells in CSF

Transfusion Services	
Direct Antiglobulin Test, Blood	All positive cord blood or post-transfusion
Fetal Screen	Positive (Post-Partum RhoGam

Coagulation		
Test	Low	High
Activated Partial Thromboplastin Time (APTT), Plasma Pediatrics Adults		> 60 seconds > 160 seconds
Fibrinogen, Plasma	100 mg/dL	none
Prothrombin (Innovin) Time, Plasma Pediatrics (PT) International Normalized Ratio (INR)		> 20 seconds > 4.0

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Hematology		
Test	Low	High
Hemoglobin	7 g/dL	20 g/dL
Hemoglobin (0-1 month)	7 g/dL	22.3 g/dL
Leukocytes (WBCs)	2,000 mm ³	30,000 mm ³
Platelet Count, Blood		
Pediatrics	60,000/mm ³	none
Adults	75,000/mm ³	none

Urinalysis		
Urinalysis		
Glucose-Newborn	none	Positive

Microbiology
<p>Culture Results</p> <ul style="list-style-type: none"> • Blood: All isolates on inpatients. Only non-contaminant isolates on discharged patients. • CSF: All positive Gram stains; all isolates • Sterile Body Fluids: Pericardial and joint fluid positive gram stains and/or cultures • Eye: Gram Negative Rods in gram stain. Pseudomonas in culture • Fungal: All <i>Blastomyces</i>, <i>Histoplasma</i>, <i>Coccidioides</i>, <i>Paracoccidioides</i>, <i>P. marnefferi</i>, and <i>Candida auris</i> isolates • Mucor and Nocardia: All isolates <p>Specific Organisms</p> <ul style="list-style-type: none"> • Streptococcus Group B: All isolates from amniotic and amniocentesis fluid • Streptococcus Group A: Wound, anaerobe • AFB: All positive stains; all isolates • VISA and VRSA: All isolates <p>Rapid Test Results</p> <ul style="list-style-type: none"> • Cryptococcus antigen: Positive results (CSF and serum) • Legionella antigen: Positive results (urine) • GI Panel: Positive for Noro, Adeno, or Rota in NICU

Virology
Positive Herpes on CSF or brain or infant < 6 weeks of age