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**LAMC LABORATORY**

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| ***Inter-Office Memorandum*** | | | |
|  |  |  |  |
| **To:** | ALL CLS ,ALL SHIFTS | **Date:** | 07/31/15 |
| **From:** | AIDA LEGASPI |  |  |
| **Subject:** | Change in QC Levels and Frequency | **Location:** | LAMC |
|  |  | **Ext.:** |  |
| **CC:** |  |  |  |

**FOR AU680: (Both STAT and Routine area)**

1. Biorad Unassayed control for all analytes will be run with 2 levels (1 and 2) every 12 hours except for **BUN**.
2. BUN will require 3 levels of controls, every 8 hours. Multiqual Level 3 (barcode QC3) was added to the other 2 levels we currently use (QC1 and QC2)
3. Pediatric controls will be run every 12 hours.
4. CSF controls, Urine Controls, Cardiac controls will all be run with 2 levels, every 12 hours.
5. ETOH will require 2 levels of controls every 12 hours using ETOH/AMM Level 1 and 3.
6. Ammonia will require 3 levels of controls every 8 hours using ETOH/AMM Level 1, 2 and 3. The level 2 was added using the barcode A2.
7. All the TDM’s will require 2 levels of QC run every 12 hours except for Digoxin and Gentamicin which will require 3 levels of QC every 8 hours. Immunoassay level 2 was added using barcode Immuno-2.
8. Timing of the QC run will still depend on the time the Night shift finish their maintenance.

**FOR ACCESS2: (Both STAT and Routine area)**

1. BNP, CKMB and E2 Qc will now require 2 levels of QC run every 12 hours.
2. HCG and Troponin will require 3 levels of QC run every 8 hours.
3. PTH will require 3 levels of QC run only when there’s a patient sample. An additional Level 2 of the Specialty Control material will be added to our current Level 1 and 3 being used.

**Changes on the levels and frequency of run were based on the recent evaluation of our QC data using the Six Sigma rules. Please refer to LGM 2022, Quality control policy that will be uploaded in MTS for your reference.**

**Please run all the additional controls mentioned above so we can gather datas before the effective date.**

**Refer to the attached chart.**

**Effective Date: September 2015**

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| --- | --- | --- | --- | --- |
| **2 Levels / 2x** |  | **3 Levels / 3x** |  | **Instruments:** |
| Acetaminophen | CSF glucose | BUN |  | AU680 |
| Albumin | CSF Lactate |  |  | Access2 |
| ALP | CSF MTP | Ammonia |  |  |
| AST |  |  |  |  |
| ALT | Peritoneal Alb | Digoxin |  |  |
| Calcium | Peritoneal Crea | Gentamicin |  |  |
| Chloride | Peritoneal LDH |  |  |  |
| CO2 | Peritoneal TP | *B*HCG |  |  |
| CK | Pleural Alb | Troponin |  |  |
| Creatinine | Pleural Alb |  |  |  |
| DBILI | Peural Crea |  |  |  |
| GGT | Pleural LDH | **3 Levels , w/ pt.** |  |  |
| Glucose | Pleural TP | *i***PTH** |  |  |
| Lactate |  |  |  |  |
| LDH | Urine Chloride |  |  |  |
| Lipase | Urine Creatinine |  |  |  |
| Magnesium | Urine MTP |  |  |  |
| Potassium | Urine Potassium |  |  |  |
| Phosphorus | Urine Sodium |  |  |  |
| Sodium |  |  |  |  |
| T Bili | ETOH |  |  |  |
| Total Protein |  |  |  |  |
| Uric Acid | hs CRP |  |  |  |
|  |  |  |  |  |
| Carbamazepine |  |  |  |  |
| Lithium | BNP |  |  |  |
| Phenobarbital | CKMB |  |  |  |
| Phenytoin | Estradiol |  |  |  |
| Salicylate |  |  |  |  |
| Theophtylline |  |  |  |  |
| Tobramycin |  |  |  |  |
| Valproic Acid |  |  |  |  |
| Vancomycin |  |  |  |  |