

BULLETIN

BTECHNICAL

February, 2017

LABORATORY TESTING FOR DRUGS OF ABUSE & PAIN

MEMO: METHODIST AND WOMEN'S STAFF

For **DRUGS OF ABUSE**, the universally recommended specimen source is URINE. In newborn infants, MECONIUM is an excellent alternative. Blood, Hair and Umbilical cord can be tested, with more limitations and challenges.

The following tests for **Drugs of Abuse** are offered at METHODIST & WOMEN'S HOSPITALS:

TOXICOLOGY SCREEN DAU (URINE DRUG SCREEN)

- Detects: amphetamine, methamphetamine, barbiturates, benzodiazepine, cannabinoid (THC), cocaine /metabolite, ethanol and opiate. This test does NOT detect PCP.
- BLOOD toxicology testing for Acetaminophen, Ethanol and Salicylates
- These tests are performed 24 hours a day/7 days a week.

The following tests for Drugs of Abuse are offered at ARUP reference laboratory:

URINE DRUG SCREEN: drugs of abuse panel 7 –

- Detects: amphetamines, barbiturates, benzodiazepine, cannabinoid (THC), cocaine/ metabolite, opiates, oxycodone, Phencyclidine (PCP), MDMA (ecstasy).

URINE DRUG SCREEN

- Additional testing to detect additional **specific** drugs of abuse available.

MECONIUM drugs of abuse panel

- Detects: amphetamines, barbiturates, benzodiazepine, buprenorphine, cannabinoid (THC), cocaine /metabolite, opiates, methadone, Phencyclidine (PCP).
- The results of these tests are available approximately 2-4 days after collection.
- ALL positive urine or meconium results are sent for confirmation.

For Monitoring a patient on **Pain Management** medication, the following test performed at ARUP reference laboratory is recommended:

- Pain Management Panel, screen with Reflex to Quantitation (Urine)
- Pain Management Panel Drug screen with Interpretation (Urine)
- These tests detect numerous drugs/medications to include opioids, stimulants, sedative-hypnotics, cannabinoids and PCP.
- The results of these tests are available approximately 2-4 days after collection.
- Consultation with the performing laboratory, pathologist and clinician are necessary for correct interpretation.

Questions or concerns in regards to drug testing can be directed to: Methodist Pathology Laboratory at 402-354-8728