

Drug Screening Options

HB 73



Components of Drug Screening

- ▶ **Collection of the specimen**
 - Can be done offsite
 - Can be done onsite
- ▶ **Analysis of the specimen**
 - Initial Screen
 - Confirmation Test
- ▶ **Interpretation of the result**
 - Medical Review Officer
- ▶ **Result Management**
 - Edrugtest.com

Methods of Drug Screening

- ▶ **Urine**
 - Lab Based or Instant
- ▶ **Oral Fluid**
 - Lab Based
- ▶ **Hair Follicle**
 - Lab Based

Test Panels

- ▶ Panel refers to what drugs you are testing for
- ▶ Standard panel is 5 Panel

Marijuana

Cocaine

Amphetamines

Opiates

Phencyclidine

- ▶ Beyond 5 Panel, substances are mostly prescription based

Barbiturates

Benzodiazepines

Propoxyphene

Methadone

- ▶ Not all methodologies test for all drugs

Offsite vs. Onsite

▶ Offsite Collections

- Donor would go to clinic for specimen collection
- Transportation issues
- Extend time to resolution
- No collection responsibilities
- Clinic collection fees vary

▶ Onsite Collections

- Assured that collection occurs
- Controls Costs

Instant vs. Lab Based

- ▶ Urine testing offers POCT (Point of Care Testing) products
- ▶ Replace the initial screen normally conducted at the laboratory
- ▶ Advantages
 - Negatives determine quickly
 - POCT tests are inexpensive
- ▶ Disadvantages
 - Requires interpretation
 - Urine testing requires secure bathroom for collection

Hair Testing

- ▶ Only tests for 5 drugs
- ▶ 3 times more expensive than other methods
- ▶ Could be collected onsite
- ▶ Fewer offsite collection facilities offer
- ▶ No hair causes collection problems

Urine Testing–Lab Based

- ▶ Tests for wide range of drugs
- ▶ Requires bathroom for specimen collection
 - Opportunity for substitution or adulteration

Urine Testing–POCT

- ▶ Tests for wide range of drugs
- ▶ Requires bathroom for specimen collection
 - Opportunity for substitution or adulteration
- ▶ Requires collector to interpret test results
- ▶ Difficult to track results

eCUP

- ▶ Specialized POCT system
- ▶ Digitally interpreted instant testing system
- ▶ 5 panels, 3 adult panels, barcode, test under seal (no transfer, pipette, interpretation for the clinic)
- ▶ Negative Result in about 15 minutes
- ▶ Results electronically reported



Oral Fluid

- ▶ Tests for wide range of drugs
- ▶ No Bathroom Required
- ▶ Donor self collects while under observation



Questions?

Thank You

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