



LABORATORY COMMUNICATION

Awareness of Fentanyl and Fentanyl Analog Testing

Date: 3 October, 2016

Background Information:

- The purpose of this communication is to ensure Emergency Room physicians are aware of what laboratory testing is available if drug overdose is suspected to be due to fentanyl or related drugs.

Change in or New Test Procedure:

- none

Details:

If you suspect a patient has overdosed on fentanyl and confirmatory testing is required, a **urine comprehensive drug screen** may be ordered.

The urine opiate screen (included in the street drug screen), is an immunoassay method and it does not detect fentanyl, its metabolite or fentanyl analogs.

The urine comprehensive drug screen will detect fentanyl and its metabolite norfentanyl. This testing is available Monday to Friday with results available 1 – 4 days after the sample has been collected.

The urine **comprehensive drug screen will not detect** the following fentanyl analog (in addition to others not listed):

- Carfentanil
- Sufentanil
- Betamethylfentanyl
- Furfentanyl
- MT-45
- W-18
- AH-7921

More information: <https://apps.sbgh.mb.ca/labmanual/test/view?seedId=93>

Requisition:

<https://apps.sbgh.mb.ca/labmanual/test/loadDocumentPdf?documentId=66>

DSM Contact Information:

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