Urine Drug Screening to Optimize Treatment

2017 Saskatchewan Methadone and Suboxone Opioid Substitution Therapy

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THERAPEUTIC Tool

Most important that UDS is a tool used to guide THERAPY – not to be punitive

Optimally used to guide therapy and to assist patients with their needs

Ob later being

Presenter Disclosure

I have no relationships that might pose a potential conflict of interest
The program has been developed without support from commercial entities

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UDS as Part of OST Program

Should be established in your treatment agreement that UDS will be a continuous, routine part of clinic visits – no exceptions
Use a consistent approach

Use a consistent approach
Understand substance specific
metabolite cascades
Do not be surprised with tampering

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Objectives

Understand the benefits and limitations of Urine Drug Screening

Become skillful in the therapeutic approach

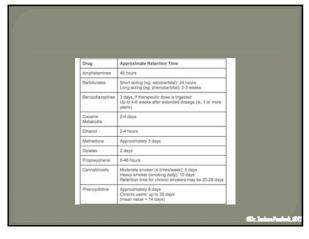
Learn how to introduce Urine Drug Screening into one's practice

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How To Detect Tampering

Always monitor UDS temperature – suggested range 30.0C – 36.0C – if out of range, simply have patient repeat Monitor for presence/absence of metabolites

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28 year old female on MMT program for 6 months. UDS have been free from substances of abuse for 3 months until the last two samples - Crystal meth positive x 2. Has been requesting carries at previous visits. Leaves UDS at visit today and is 26.0C

CPSS Guidelines

Use the gas chromatography/mass spectrometry available at the provincial lab Frequency of UDS:

1-2 before initiation (ensure presence of opiates)

- Every visit during stabilization
- At least every 3 months during maintenance
 Respond to unexpected/unreported results
 with discussion with patients consider changing carries, dosing, monitoring or care plan

Case #1

What could be the causes? What would you want to explore with the patient? How would you proceed?

CPSS Guidelines

Important to use PIP to know what to expect in UDS

May need to consult with Provincial lab to clarify presence/potency of certain metabolites

May need to consider observing screens if tampering suspected

May need to consider random screen patient has 24 hours to provide

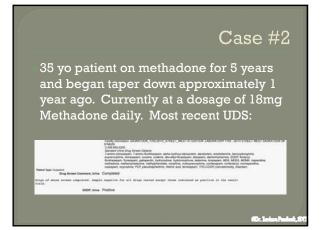
Case #1

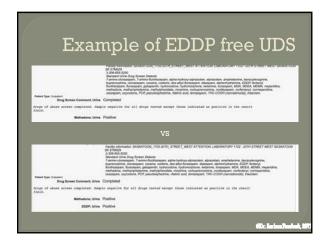
Causes:

- Low volume sample

Important to address patient's issues reasons for wanting carries; reasons for recent crystal meth use

Must leave a second sample and send BOTH samples to the lab





Not uncommon at doses < initiation

Can occur at higher doses in rapid metabolizers - consider split dosing if ongoing therapy Methadone metabolite positive =

methadone positive

Case #3

Possible causes? What issues do you want to explore with this patient? How would you proceed?

Case #3

26 year old female who has recently given birth to a child and living in supported family living at NIWA. History of stability on methadone for opiates but ongoing consistent cocaine abuse. Currently at risk of children being apprehended and being discharged from NIWA. Last UDS EDDP free.

Case #3

A tampered with/substituted UDS is a POSITIVE UDS for substance of abuse Important to explore patient's reasoning for tampering with UDS

Clients partner continued to use substances; significant stress; used a benzo and was worried about being caught

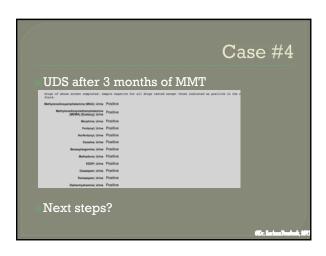
Bring in supports needed by patient

Important to reference MMT contract that

this is not acceptable behaviour and could be grounds for discharge from the program

21yo male initiated on the program because of fentanyl abuse and history of 2 overdoses in the previous years. On admission to program admits to multiple substances of abuse including cocaine, ecstasy, crystal meth and marijuana.

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Initial UDS upon presentation and MMT start | Note: the date state completed, pagin reporter for 412 draps tessed enough those Judicised as publice 12 Mar for format (January Units Production Produ

Patient agreed to attend inpatient treatment facility

Was kicked out after 9 of 28 days
Returns to program; after 4 months UDS:

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Important to address all substances of abuse, not just opiates
Make it clear that if ongoing issues, more intensive treatment with be required such as:

• Further counseling/psychology support

• Detox

• Inpatient treatment

• Day programming/meeting

Case #4
Next Steps?

Patient unwilling to attend ongoing treatment

Discuss contract with patient and be

Discuss contract with patient and begin to initiate taper

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Case #4

Patient returns during taper; charged with drug trafficking and has court date pending – would like to re-engage and go to treatment again Next steps?

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Case #4

Completes 28 day treatment out of city, currently working full-time job Most recent UDS

Drug Screen Comment; Urine Completed

Crops of abuse screen completed. Sample negative for all drugs tested except those indicated as policied.

Methadons; Urine Positive

EDDP; Urine Positive

Carboxy Tetrahydrocannabino (THC-COOH); Urine Positive

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