

NOTE

Contact Surgeon before giving any medication marked with an asterisk. In an emergency or during Loss of Signal, begin appropriate treatment; then call Surgeon as soon as possible.

SYMPTOMS

Painful urination
Spasms
Feeling of heaviness in groin
Fever (May or may not be present)
Lower abdomen pain
Back/flank pain
Nausea
Vomiting
Contracting pain (pain coming and going)

SIGNS

Cloudy or bloody urine
Frequent or difficult urination

DIAGNOSIS

AMP
(blue)

1. Unstow:
 - Gloves, Non-Sterile
 - Cotton Swabs
 - Urine Chemstrips with Color Chart

2. Analyze Urine with Urine Chemstrips with Color Chart

NOTE

Do not repeat urinalysis if previously performed in {BLADDER/KIDNEY INFECTION} (SODF: ISS MED: A THROUGH B).

Don Non-Sterile Gloves.
Hold two Cotton Swabs together under urine stream to saturate.
Pass two Cotton Swabs over Chemstrip to saturate colored reagent pads.
Compare with Color Chart after recommended time, record results.
Dispose of Cotton Swabs, Urine Chemstrips with Color Chart into biohazardous trash.

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Date						
Flight Day						
Examiner's ID						
Crewmember's ID						

Urinalysis (CHEMSTRIP 10SG)

SpG						
pH						
Leuk						
Nit						
Protein (mg/dL)						
Glucose (mg/dL)						
Ketones						
Urobilinogen (mg/dL)						
Bilirubin						
Blood						
Hemoglobin (Ery/uL)						

OR

Urinalysis (URILUX)

SG						
pH						
LEU (Leu/uL)						
NIT						
PRO (g/L)						
GLU (mmol/L)						
KET (mmol/L)						
UBG (umol/L)						
BIL (umol/L)						
ERY (Ery/uL)						

3. Contact Surgeon but do not delay treatment, especially if crewmember is in severe pain.

4. TREATMENT

- 4.1 If able to take oral fluids, drink as much water as possible (i.e., 4 L/hour).

- 4.2 If unable to take oral fluids, start IV immediately.
Refer to {INJECTIONS - NONPOWERED IV FLUID INFUSION}
(SODF: ISS MED: INJECTIONS/IV).
Fully open roller clamp assembly and deliver Normal Saline at a rate of 1 L/hour.
Encourage sips of water (as much as possible).

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Pain Medication

For mild to moderate pain:

Phenergan Oral (Promethazine) (P1-B22) - Antinausea, antihistamine

Dose: 1-2 tablets every 4 to 6 hours as needed

WARNING

Possible severe side effects of Phenergan

Muscles tight, contracted

Eyes may be rolled up into head (rare reaction)

Sedation, inability to concentrate, drowsiness,
dizziness, blurred or double vision, nausea, rash

Treatment for Phenergan Reaction

Diphenhydramine (Benadryl) Injectable (Drug 14 --- 17)

Dose: Inject 1 ml intramuscularly.

Refer to {INJECTIONS - INTRAMUSCULAR}, {INJECTIONS -
TUBEX INJECTOR} (SODF: ISS MED: INJECTIONS/IV).

Contact Surgeon.

Compazine Suppository (Prochlorperazine) (P4-B1) - Suppositories for
antinausea

Dose: 1 suppository every 12 hours

Possible side effects

Drowsiness, dizziness, blurred vision, rash, low blood pressure,
agitation, muscle spasms

For severe pain:

AMP, ALSP

Demerol (Meperidine) Injectable (AMP Injectable-25 --- 30) (ALSP
Drug 4 --- 7) - Narcotic pain reliever for severe pain

Dose: Inject 1 ampule intramuscularly every 3 to 4 hours as needed.

Refer to {INJECTIONS - INTRAMUSCULAR} (SODF: ISS
MED: INJECTIONS/IV).

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Possible side effects

Dizziness, light-headedness, sedation, nausea, vomiting, sweating,
dry mouth, blurred vision, constipation

5. Strain all urine for kidney stone collection and retrieval.
6. Temporarily stow kidney stones for subsequent ground analysis.
7. Contact Surgeon.