Pyelonephritis [588]

General

Nursing

Nursing

For patients who require short-term urinary catheterization, avoid the routine use of antimicrobial-coated urinary catheters to prevent UTIs.

For patients with suspected catheter-associated UTI who are unable to tolerate the permanent removal of an indwelling urinary catheter, consider the use of a suprapubic urinary catheter.

For patients with suspected catheter-associated UTIs, consider removing indwelling urinary catheters.

[] Telemetry	"And" Linked Panel
[] Telemetry monitoring	Routine, Continuous
	Order: Place in Centralized Telemetry Monitor: EKG
	Monitoring Only (Telemetry Box)
	Reason for telemetry:
	Can be off of Telemetry for tests and baths? Yes
[] Telemetry Additional Setup Information	Routine, Continuous
	High Heart Rate (BPM): 120
	Low Heart Rate(BPM): 50
	High PVC's (per minute): 10
	High SBP(mmHg): 175
	Low SBP(mmHg): 100
	High DBP(mmHg): 95
	Low DBP(mmHg): 40
	Low Mean BP: 60
	High Mean BP: 120
[1] Norwe shoots	Low SPO2(%): 94
Neuro checks	Routine, Every 4 hours
Height and weight	Routine, Once
Daily weights	Routine, Daily
Intake and Output	Routine, Every shift
[] Apply cooling blanket	Routine, As needed
[] []	Cooling measures
[] IV access care	Routine, Per unit protocol
[1] Legant and exciptoin False.	Remove peripheral IV upon transfer from unit
[] Insert and maintain Foley	
[] Insert Foley catheter	Routine, Once
	Type:
	Size:
I Folov Cathotor Care	Urinometer needed:
[] Foley Catheter Care	Routine, Until discontinued, Starting S Orders: Maintain
[] Straight oath	Routine, Once
[] Straight cath	Routine, Once
[] Foley catheter - remove	noutine, Office
Notify	
Notify Physician (Specify)	Routine, Until discontinued, Starting S

Notify Physician for (Specify lab)	Routine, Until discontinued, Starting S BUN greater than: Creatinine greater than: Glucose greater than: Glucose less than: Hct less than: Hgb less than: LDL greater than (mg/dL): Magnesium greater than (mg/dL): Platelets less than: Potassium less than (mEq/L): Potassium greater than (mEq/L): Potassium less than (mEq/L): PT/INR greater than: PT/INR greater than: PT/I greater than: PTT ress than: Serum Osmolality greater than: Serum Osmolality greater than: Sodium greater than: WBC greater than: WBC greater than: WBC greater than: WBC greater than: Sodium less than: WBC greater than: Sodium less than: Sodium less than: Sodium less than: Sodium less than: Systolic BP greater than: 100.5 Temperature greater than: 160 Systolic BP less than: 90 Diastolic BP greater than: 100 Diastolic BP less than: 50 MAP less than: 60 Heart rate greater than (BPM): 100 Heart rate less than (BPM): 100
	Heart rate less than (BPM): 60
	Respiratory rate greater than: 25 Respiratory rate less than: 8
	SpO2 less than: 92
Diet	
[] Diet	Diet effective now, Starting S
	Diet(s): Advance Diet as Tolerated?
	Liquid Consistency:
	Fluid Restriction:
	Foods to Avoid:
IV Fluids	
Peripheral IV Access	
[] Initiate and maintain IV	Parties Ores
[] Insert peripheral IV [] sodium chloride 0.9 % flush	Routine, Once 10 mL, intravenous, every 12 hours scheduled
[] sodium chloride 0.9 % flush	10 mL, intravenous, every 12 nours scrieduled 10 mL, intravenous, PRN, line care
IV Bolus (Single Response)	
() sodium chloride 0.9 % bolus 500 mL	500 mL, intravenous, for 15 Minutes, once, For 1 Doses
() sodium chloride 0.9 % bolus 1000 mL	1,000 mL, intravenous, for 30 Minutes, once, For 1 Doses
() lactated ringer's bolus 500 mL	500 mL, intravenous, for 15 Minutes, once, For 1 Doses
() lactated ringers bolus 1000 mL	1,000 mL, intravenous, for 30 Minutes, once, For 1 Doses
Maintenance IV Fluids (Single Response)	
() sodium chloride 0.9 % infusion	75 mL/hr, intravenous, continuous

()	lactated Ringer's infusion	75 mL/hr, intravenous, continuous
()	dextrose 5 % and sodium chloride 0.45 % with	75 mL/hr, intravenous, continuous
	potassium chloride 20 mEq/L infusion	
()	sodium chloride 0.45 % infusion	75 mL/hr, intravenous, continuous
()	sodium chloride 0.45 % 1,000 mL with sodium	75 mL/hr, intravenous, continuous
` ′	bicarbonate 75 mEg/L infusion	

Medications

For appropriately selected patients with complicated UTI and clinically severe infection, treat with antibacterial agents to complete a treatment course of 14 days in total.

For appropriately selected patients with complicated UTIs (eg, men who are febrile, patients who may have bladder outlet obstruction, patients with indwelling catheters), treat with antibacterial agents to complete a treatment course of 7 to 14 days in total

For patients with a Gram-positive organism seen on the initial Gram stain, use an aminopenicillin plus a beta-lactamase inhibitor for 7 days as first-line therapy, with or without a single parenteral dose of an antibacterial agent

For patients with more severe cases of acute pyelonephritis, treat with antibacterial agents to complete a treatment course of 7 to 14 days in total

[] piperacillin-tazobactam (ZOSYN) IV	3.375 g, intravenous, every 6 hours Reason for Therapy:
Carbapenems	· · · · · · · · · · · · · · · · · · ·
[] ertapenem (INVanz) IV	1 g, intravenous, every 24 hours Reason for Therapy:
Cephalosporins 3rd Generation	
[] ceftriaxone (ROCEPHIN) IV	1 g, intravenous, for 30 Minutes, every 24 hours Reason for Therapy:
[] cefepime (MAXIPIME) IV	1 g, intravenous, every 8 hours Reason for Therapy:
Aminoglycosides	
[] gentamicin (GARAMYCIN) IVPB	5 mg/kg, intravenous, for 30 Minutes, every 24 hours Reason for Therapy:
Antiemetics	
[X] ondansetron (ZOFRAN) IV or Oral	"Or" Linked Panel
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting Give if patient is able to tolerate oral medication.
[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) IV or Oral or Rectal	"Or" Linked Panel
[X] promethazine (PHENERGAN) 12.5 mg IV	12.5 mg, intravenous, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is
	able to tolerate oral medication.

UNable to tolerate oral medication.

Antiemetics [X] ondansetron (ZOFRAN) IV or Oral "Or" Linked Panel 4 mg, oral, every 8 hours PRN, nausea, vomiting [X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet Give if patient is able to tolerate oral medication. [X] ondansetron (ZOFRAN) 4 mg/2 mL injection 4 mg, intravenous, every 8 hours PRN, nausea, vomiting Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required. [] promethazine (PHENERGAN) IV or Oral or Rectal "Or" Linked Panel [] promethazine (PHENERGAN) 12.5 mg in sodium 12.5 mg, intravenous, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is chloride 0.9 % 0.9 % 20 mL for Alaris pump syringe UNable to tolerate oral or rectal medication OR if a faster option onset of action is required. [] promethazine (PHENERGAN) tablet 12.5 mg, oral, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication. [] promethazine (PHENERGAN) suppository 12.5 mg, rectal, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication. **Antiemetics** "Or" Linked Panel [X] ondansetron (ZOFRAN) IV or Oral [X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet 4 mg, oral, every 8 hours PRN, nausea, vomiting Give if patient is able to tolerate oral medication. [X] ondansetron (ZOFRAN) 4 mg/2 mL injection 4 mg, intravenous, every 8 hours PRN, nausea, vomiting Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required. [] promethazine (PHENERGAN) IVPB or Oral or Rectal "Or" Linked Panel [] promethazine (PHENERGAN) 25 mg in sodium chloride 12.5 mg, intravenous, for 30 Minutes, every 6 hours PRN, 0.9 % 50 mL IVPB nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required. 12.5 mg, oral, every 6 hours PRN, nausea, vomiting [] promethazine (PHENERGAN) tablet Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication. [] promethazine (PHENERGAN) suppository 12.5 mg, rectal, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication. **Antipyretics** "Or" Linked Panel Acetaminophen Oral or Per Tube or Rectal Maximum of 3 grams of acetaminophen per day from all sources. (Cirrhosis patients maximum: 2 grams per day from all sources) [] acetaminophen (TYLENOL) tablet 650 mg, oral, every 6 hours PRN, mild pain (score 1-3), fever Maximum of 3 grams of acetaminophen per day from all sources. (Cirrhosis patients maximum: 2 grams per day from all sources) [] acetaminophen (TYLENOL)suspension 650 mg, oral, every 6 hours PRN, mild pain (score 1-3), fever Maximum of 3 grams of acetaminophen per day from all sources. (Cirrhosis patients maximum: 2 grams per day from all sources). Use if patient cannot swallow tablet. 650 mg, rectal, every 6 hours PRN, mild pain (score 1-3), [] acetaminophen (TYLENOL) suppository Maximum of 3 grams of acetaminophen per day from all

VTF

Labs

sources. (Cirrhosis patients maximum: 2 grams per day from all sources). Use if patient cannot swallow tablet.

] Blood gas, arterial	STAT For 1 Occurrences
Basic metabolic panel	Once
CBC and differential	Once
Comprehensive metabolic panel	Once
Hepatic function panel	Once
] Urinalysis screen and microscopy, with reflex to culture	Once Specimen Source: Urine Specimen Site:
/ licrobiology	
] Blood culture x 2	"And" Linked Panel
[] Blood Culture (Aerobic & Anaerobic)	Once, Blood Collect before antibiotics given. Blood cultures should be ordered x2, with each set drawn from a different peripheral site. If unable to draw both sets from a peripheral site, please call the lab for assistance; an IV line should NEVEF be used.
[] Blood Culture (Aerobic & Anaerobic)	Once, Blood Collect before antibiotics given. Blood cultures should be ordered x2, with each set drawn from a different peripheral site. If unable to draw both sets from a peripheral site, please call the lab for assistance; an IV line should NEVEF be used.
Cardiology maging	
СТ	Pouting 1 time imposing For 1
CT Renal Stone Protocol	Routine, 1 time imaging For 1
СТ	"And" Linked Panel
CT Renal Stone Protocol] CT Abdomen W Contrast (Omnipaque)	"And" Linked Panel
CT Renal Stone Protocol CT Abdomen W Contrast (Omnipaque) For those with iodine allergies, please order the panel with	"And" Linked Panel Readi-Cat (barium sulfate).
CT Renal Stone Protocol CT Abdomen W Contrast (Omnipaque) For those with iodine allergies, please order the panel with CT Abdomen W Contrast iohexol (OMNIPAQUE) 300 mg iodine/mL oral solution CT Abdomen Pelvis W Contrast (Omnipaque)	"And" Linked Panel Readi-Cat (barium sulfate). Routine, 1 time imaging For 1 30 mL, oral, once "And" Linked Panel
CT Renal Stone Protocol CT Abdomen W Contrast (Omnipaque) For those with iodine allergies, please order the panel with CT Abdomen W Contrast	"And" Linked Panel Readi-Cat (barium sulfate). Routine, 1 time imaging For 1 30 mL, oral, once "And" Linked Panel
CT Renal Stone Protocol CT Abdomen W Contrast (Omnipaque) For those with iodine allergies, please order the panel with CT Abdomen W Contrast Omnipaque OT Abdomen Pelvis W Contrast (Omnipaque) For those with iodine allergies, please order the panel with	"And" Linked Panel Readi-Cat (barium sulfate). Routine, 1 time imaging For 1 30 mL, oral, once "And" Linked Panel Readi-Cat (barium sulfate).
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CT Renal Stone Protocol CT Abdomen W Contrast (Omnipaque) For those with iodine allergies, please order the panel with CT Abdomen W Contrast in iohexol (OMNIPAQUE) 300 mg iodine/mL oral solution CT Abdomen Pelvis W Contrast (Omnipaque) For those with iodine allergies, please order the panel with CT Abdomen Pelvis W Contrast in iohexol (OMNIPAQUE) 300 mg iodine/mL oral solution CRay Kub Kidney Ureter Bladder Chest 2 Vw US US Renal Other Diagnostic Studies	"And" Linked Panel Readi-Cat (barium sulfate). Routine, 1 time imaging For 1 30 mL, oral, once "And" Linked Panel Readi-Cat (barium sulfate). Routine, 1 time imaging For 1 30 mL, oral, once Routine, 1 time imaging For 1 Routine, 1 time imaging For 1 Routine, 1 time imaging For 1