Physician Orders ADULT: Kidney-Panc/Panc Transplant Post Op Plan

Initiate Orders Phase
Care Sets/Protocols/PowerPlans
- Initiate Powerplan Phase
  Phase: Kidney-Panc/Panc Transp Post Op Phase, When to Initiate:____________________

Kidney-Panc/Panc Transp Post Op Phase
Vital Signs
- Vital Signs
  q15 minutes x4, q30 minutes x2, then q1h

Activity
- Bedrest
  Routine, For 24 hr
- Out Of Bed
  T+1;N, Up To Chair, tid
- Ambulate
  T+3;N, tid, With Assistance

Food/Nutrition
- NPO
  Instructions: NPO except for medications

Patient Care
- VTE Other SURGICAL Prophylaxis Plan(SUB)*
- Central Line
- Whole Blood Glucose Nsg
  Routine, q2h(std), For 24 hr
- Whole Blood Glucose Nsg
  T+1;N, Routine, q4h(std)
- Daily Weights
- SCD Apply
  Apply To Lower Extremities
- JP Drain Care
  q4h(std), empty and record amount upon arrival to unit
- Nasogastric Tube
  Suction Strength: Low Intermittent, clamp for medications as tolerated (DEF)*
  Suction Strength: Low Continuous, clamp for medications as tolerated
- Indwelling Urinary Catheter Care
  q4h(std), irrigate with 20mL sterile water, for kidney-pancreas recipient
- Indwelling Urinary Catheter Care
  PRN, inspect for clots and irrigate with 20mL sterile water PRN for kidney-pancreas or pancreas only recipient
- Continue Foley Per Protocol
  Reason: s/p Organ Transplant
- Bladder Scanner
  Routine, When foley discontinued, post void (PVR) with bladder scanner x 2, after first void and upon rising, Notify surgical resident if PVR > 150ml
- Intake and Output
  Routine, q1h(std)
- Turn Cough Deep Breathe
  q2h(std)
- Incentive Spirometry NSG
  q2h-Awake, instruct patient in use of incentive spirometry
- Nursing Communication
Physician Orders ADULT: Kidney-Panc/Panc Transplant Post Op Plan

If Temperature greater than 38.3 degrees C place orders for Blood Culture x2, Urine Culture and Gram Stain for sputum

NOTE: Ordering physician MUST complete order details of Date and Time below:(NOTE)*

☐ Transplant Organ Perfusion Date and Time

☐ Nursing Communication

Notify Transplant Research Coordinator for post op research management

Respiratory Care

☐ Oxygen-Aerosol Facemask

Special Instructions: Switch to nasal cannula at 2L/min if SpO2 is greater than 96%, may wean to room air if SpO2 by nasal cannula remains greater than 96% for 4 hours.

Continuous Infusion

☐ +1 Hours D5 1/2NS

1,000 mL, IV, Routine, 30 mL/hr

☐ +1 Hours heparin 20,000 units/D5W infusion

20,000 units / 500 mL, IV, Routine, (for 72 hr ), 300 units/hr

Comments: 300 units/hr = 7.5 mL/hr

Replacement Fluids

1/2 NS replacement fluid order below is active for 24 hours. If a longer duration is necessary, modify the duration details.(NOTE)*

☐ 1/2NS

1,000 mL, IV, Routine, (for 24 hr ), Replace UOP q1h, see comments for rates

Comments: Urine out per hour IV fluid per hour

1-300 mL replace 100% of urine output

301-500 mL replace 80% of urine

Output greater than 500 mL replace 60% of urine output

☐ Nursing Communication

Contact physician within 24 hours after initiation of 1/2 NS replacement fluid order to determine if order is necessary beyond 24 hours.

Medications

Immunosuppression Medications

If enrolled in research study, please check for research protocol and orders.(NOTE)*

☐ +1 Hours mycophenolate mofetil

500 mg, Oral Susp, NG, bid, Routine, To be given at 0600 and 1800

☐ +1 Days methylPREDNISolone sodium succinate

250 mg, Injection, IV Push, once, Routine

Comments: To be given on POD #1

☐ +2 Days methylPREDNISolone sodium succinate

100 mg, Injection, IV Push, once, Routine

Comments: To be given on POD #2

☐ +3 Days predniSONE

50 mg, Tab, PO, once, Routine

Comments: To be given at 0700 on POD #3. Give with food.

☐ +4 Days predniSONE

20 mg, Tab, PO, wb, Routine

Comments: To be given at 0700 on POD #4. Give with food.

Anti-infectives

☐ +1 Hours ampicillin-sulbactam

1.5 g, Injection, IV Piggyback, q6h, STAT, (for 2 dose )

Comments: Coordinate first dose with antibiotics given in surgery.

If allergic to Penicillin/Cephalosporins place both orders below.(NOTE)*

☐ +1 Hours clindamycin

600 mg, IV Piggyback, IV Piggyback, q8h, (for 2 dose )
### Physician Orders ADULT: Kidney-Panc/Panc Transplant Post Op Plan

#### Comments:
- Coordinate first dose with antibiotics given in surgery.

<table>
<thead>
<tr>
<th>Time</th>
<th>Medication</th>
<th>Route</th>
<th>Frequency</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1 Hours</td>
<td>aztreonam</td>
<td>1 g, IV Piggyback, IV Piggyback, q8h</td>
<td>(for 2 dose)</td>
<td></td>
</tr>
</tbody>
</table>
- Coordinate first dose with antibiotics given in surgery. |
| +1 Days | valganciclovir | 450 mg, Oral Susp, NG, q48h | Routine | Comments: CMV prophylaxis |
| +1 Days | fluconazole | 100 mg, Tab, NG, QDay | Routine | Comments: fungal prophylaxis |
| +3 Days | sulfamethoxazole-trimethoprim SS | 80 mg, Tab, PO, q48h | Routine | Dose expressed as mg of trimethoprim |
- Comments: PCP prophylaxis |
| +3 Days | dapsone | 25 mg, Tab, PO, QDay | Routine |

**Other Medications**

<table>
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<th>Route</th>
<th>Frequency</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1 Days</td>
<td>famotidine</td>
<td>20 mg, Injection, IV Push</td>
<td>hs</td>
<td>Routine</td>
</tr>
<tr>
<td>+1 Hours</td>
<td>pantoprazole</td>
<td>40 mg, Injection, IV Push</td>
<td>QDay</td>
<td>Routine</td>
</tr>
<tr>
<td>+1 Hours</td>
<td>metoclopramide</td>
<td>5 mg, Injection, IV Push</td>
<td>q8h</td>
<td>Routine</td>
</tr>
<tr>
<td>+3 Days</td>
<td>Multiple Vitamins with Minerals oral tablet</td>
<td>1 tab</td>
<td>Tab, PO, QDay</td>
<td>Routine</td>
</tr>
<tr>
<td>+1 Days</td>
<td>aspirin</td>
<td>81 mg, Chew tab</td>
<td>NG, QDay</td>
<td>Routine</td>
</tr>
<tr>
<td>+1 Hours</td>
<td>docusate sodium</td>
<td>100 mg, Liq</td>
<td>NG, bid</td>
<td>Routine</td>
</tr>
<tr>
<td>+1 Hours</td>
<td>clonidine</td>
<td>0.1 mg, Tab, NG, q4h</td>
<td>PRN Hypertension, PRN SBP greater than 160 mmHg or DBP greater than 90 mmHg</td>
<td></td>
</tr>
</tbody>
</table>
- If allergic to clonidine place order below:(NOTE)* |
| +1 Hours | hydralazine | 10 mg, Injection, IV Push | q4h, PRN Hypertension, Routine, PRN SBP greater than 160 mmHg or DBP greater than 90 mmHg |
| PCA | - MorphINE Protocol Plan (Adult)(SUB)* |
| PCA | - HYDROmorphine Protocol Plan (Adult)(SUB)* |

**Laboratory**

- NOTE: If heparin infusion ordered, place orders below.(NOTE)*

<table>
<thead>
<tr>
<th>Test</th>
<th>Frequency</th>
<th>Type</th>
<th>Collect</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTT</td>
<td>Time Study, T:N, q6h</td>
<td>Blood, Nurse Collect</td>
<td></td>
</tr>
</tbody>
</table>
- NOTE: If not receiving heparin infusion, place orders below.(NOTE)* |
| PTT  | STAT, T:N, once | Type: Blood, Nurse Collect |
| PTT  | Time Study, T:N+360, q6h x 3 occurrence | Type: Blood, Nurse Collect |
| PT/INR | Routine, T:N, qam | Type: Blood, Nurse Collect |
- NOTE: Labs for the first 24 hours(NOTE)* |
| Basic Metabolic Panel | | | |

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- STAT, T;N, once, Type: Blood, Nurse Collect
- Amylase Level
  - STAT, T;N, once, Type: Blood, Nurse Collect
- Lipase Level
  - STAT, T;N, once, Type: Blood, Nurse Collect
- Ionized Calcium
  - STAT, T;N, once, Type: Blood, Nurse Collect
- PT/INR
  - STAT, T;N, once, Type: Blood, Nurse Collect
- CBC
  - STAT, T;N, once, Type: Blood, Nurse Collect
- Basic Metabolic Panel
  - Time Study, T;N+360, q6h x 3 occurrence, Type: Blood, Nurse Collect
  - Amylase Level
    - Time Study, T;N+360, q6h x 3 occurrence, Type: Blood, Nurse Collect
  - Lipase Level
    - Time Study, T;N+360, q6h x 3 occurrence, Type: Blood, Nurse Collect
  - Ionized Calcium
    - Time Study, T;N+360, q6h x 3 occurrence, Type: Blood, Nurse Collect
  - PT/INR
    - Time Study, T;N+360, q6h x 3 occurrence, Type: Blood, Nurse Collect
  - Hct
    - Time Study, T;N+360, q6h x 3 occurrence, Type: Blood, Nurse Collect

NOTE: AM Labs(NOTE)*

- Comprehensive Metabolic Panel
  - Routine, T;N, qam, Type: Blood, Nurse Collect
  - Amylase Level
    - Routine, T;N, qam, Type: Blood, Nurse Collect
  - Lipase Level
    - Routine, T;N, qam, Type: Blood, Nurse Collect
  - Phosphorus Level
    - Routine, T;N, qam, Type: Blood, Nurse Collect
  - Magnesium Level
    - Routine, T;N, qam, Type: Blood, Nurse Collect
  - CBC
    - Routine, T;N, qam, Type: Blood, Nurse Collect
  - PTT
    - Routine, T;N, qam, Type: Blood, Nurse Collect
  - Amylase Fluid
    - Routine, T;N, qam, Type: Abdominal Fluid, Nurse Collect, Collection Comment: Collect from Rt JP drain

Diagnostic Tests

- EKG
  - Start at: T;N, Priority: Routine, Reason: Other, specify, post-transplant, Transport: Portable
    Comments: for renal transplantation

- EKG
  - Start at: T+1;N, Priority: Routine, Reason: Other, specify, post-transplant, Transport: Portable

- Chest 1 VW
  - T;N, Reason for Exam: Other, Enter in Comments, Routine, Portable
    Comments: reason: post transplant
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☐ Chest 1 VW
   T+1;N, Reason for Exam: Other, Enter in Comments, Routine, Portable
   Comments: post transplant

Consults/Notifications/Referrals

☐ Notify Physician For Vital Signs Of
   Notify: Surgical Transplant Fellow, BP Systolic > 160, BP Diastolic > 90, BP Systolic < 110, Celsius Temp > 38.3, Heart Rate > 110, Heart Rate < 60, Oxygen Sat < 94, Urine Output < 20, If patient not on insulin drip, notify for Blood Glucose less than 60

☐ Notify Physician-Continuing
   Notify: Transplant Surgical Resident, Notify For: All lab results obtained during initial 24 hours of post op period.

☐ Notify Physician-Continuing
   Notify: Transplant Surgical Resident, Notify For: presence of indwelling catheter clots or inability to irrigate catheter

☐ Notify Physician-Continuing
   Notify: Transplant Surgical Resident, Notify For: serum potassium less than 3mEq/L or greater than 5mEq/L, PTT greater than 60 seconds

☐ Physician Consult
   Reason for Consult: Nephrology Management, Consult Transplant Nephrology Fellow

☐ Dietitian Consult/Nutrition Therapy

☐ Physical Therapy Initial Eval and Tx

☐ Medical Social Work Consult
   Routine, Reason: Other, specify, clinical assessment and needs for discharge

Date ___________ Time ___________ Physician’s Signature _______________________________ MD Number ___________

*Report Legend:
DEF - This order sentence is the default for the selected order
GOAL - This component is a goal
IND - This component is an indicator
INT - This component is an intervention
IVS - This component is an IV Set
NOTE - This component is a note
Rx - This component is a prescription
SUB - This component is a sub phase, see separate sheet
R-Required order