

ACUTE RENAL FAILURE TRIAL NETWORK (ATN STUDY)

Annotated form 7046256437

FORM 01 - SCREENING/ELIGIBILITY

Hospital  
[ ][ ][ ]

PatID  
[ ][ ][ ]

PatInits  
[ ][ ][ ]

Date  
[ ][ ] / [ ][ ] / [ ][ ]  
mm/dd/yy

A. INCLUSION CRITERIA (To randomize the patient, items 1-6 must all be YES)

1. Acute renal failure clinically consistent with a diagnosis of ATN defined as **ARF** condition (a) plus either condition (b) or (c) below ----- Yes  No

a. Clinical setting of acute ischemic or nephrotoxic injury ----- **I schemNeph** Yes  No

b. An increase in serum creatinine of  $\geq 2$  mg/dL for males or  $\geq 1.5$  mg/dL for females over a period of  $\leq 4$  days ----- **IncreaseCreat** Yes  No

**Gender**  
1. Gender ----- male  female

2. Lowest serum creatinine within 4 days prior to screening ----- **BaselineCreat** [ ][ ] . [ ] mg/dL

**BaselineCreatDate**  
date obtained ----- [ ][ ] / [ ][ ] / [ ][ ] mm/dd/yy

No value available -----  **NoBaselineCreat**

**ScreenCreat**  
3. Serum creatinine at screening ----- [ ][ ] . [ ] mg/dL  
**ScreenCreatDate**  
date obtained ----- [ ][ ] / [ ][ ] / [ ][ ] mm/dd/yy

**ARFonsetDate**  
4. Date of onset of acute renal failure ----- [ ][ ] / [ ][ ] / [ ][ ] mm/dd/yy

**Oliguric**  
c. Oliguria (average urine output < 20 mL/hour for > 24 hours) ----- Yes  No

1. 24-hour urine volume ----- [ ][ ][ ][ ] **UrineVol24hr** mL **ClinRenalReplace**

2. Clinical need for renal replacement therapy ----- Yes  No

3. Receiving care in critical care unit (e.g., ICU, MICU, SICU, CTICU) ----- Yes  No

a. If yes, check one **CCUType**  
 MICU  SICU  CCU  CTICU  Trauma  Mixed  Other

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NonRenalFail

4. One non-renal organ failure or sepsis; i.e., 1 or more of conditions a-f below is satisfied  Yes  No

PaO2FiO2

a. PaO<sub>2</sub>/FiO<sub>2</sub> ≤ 300 mmHg ----- Yes  No

If yes, enter values

PaO<sub>2</sub> mmHg; [ ][ ][ ] PaO<sub>2</sub>

FiO<sub>2</sub> [ ] . [ ][ ] FiO<sub>2</sub>

PlateletsLow

b. Platelet count ≤ 100,000/mm<sup>3</sup> ----- Yes  No

If yes, enter value

[ ][ ][ ] , [ ][ ][ ] /mm<sup>3</sup> Platelets

c. Bilirubin ≥ 2.0 mg/dL ----- Yes  No  BilirubinHigh

If yes, enter value

[ ][ ][ ] . [ ] mg/dL Bilirubin

d. Hypotension requiring pressor support for greater than 1 hour ----- Yes  No  Hypotension

e. Glasgow Coma Scale ≤ 12 ----- Yes  No  GlasgowScale

i. Patient is on sedation? ----- Yes  No  Sedation

ii. Best Eye Response (check one):

- No eye opening (1)
  - Eye opening to verbal command (3)
  - Eye opening to pain (2)
  - Eyes open spontaneously (4)
- EyeResponse

iii. Best Motor Response (check one):

- No motor response (1)
  - Withdrawal from pain (4)
  - Extension to pain (2)
  - Localizes pain (5)
  - Flexion to pain (3)
  - Obeys commands (6)
- MotorResponse

iv. Best Verbal Response (check one)

a. Non-Intubated

- No verbal response (1)
- Incomprehensible sounds (2)
- Inappropriate words (3)
- Converses/Confused (4)
- Converses/Orientated (5)

b. Intubated

- Generally unresponsive (1)
- Questionable ability to talk (3)
- Seems able to talk (5)

VerbalResponse

OverallScore

v. Record overall score (sum of items ii through iv above)

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Hospital

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f. Sepsis defined as proven or suspected infection associated with one or more organ failures. -----

Sepsis

Yes  No

If yes,

1. Proven infection ----- ProvenInfection Yes  No

2. Suspected infection ----- SuspectedInfection Yes  No

3. Site of infection (see Operations manual) ----- SiteInfection □ □

5. Age ≥ 18 years ----- Age Yes  No

6. Informed consent signed? ----- Consent

a. If yes, who signed informed consent (check one)? ----- SignedConsent  Patient  Surrogate

If surrogate signed, be sure to complete Section C of this form.

b. If no, (check one). ----- RefusedConsent  Patient refused  Surrogate refused  Surrogate not available

**B. EXCLUSION CRITERIA (To randomize the patient, items 1-15 must all be NO)**

1. Pre-Morbid serum creatinine >2mg/dL (males) or >1.5 mg/dL (females) ----- BaselineCreatEx Yes  No

a. Enter pre-morbid serum creatinine ----- □ □ . □ mg/dL PreMorbidCreat

b. Date obtained ----- PreMorbidCreatDate □ □ / □ □ / □ □ mm/dd/yy

c. No value available -----  PreMorbidCreatNA

2. Acute renal failure primarily due to an etiology other than ATN ----- ATNEX Yes  No

If yes,

a. Etiology code (see Ops Manual) ----- □ □ EtiologyCode

3. More than 72 hours since BOTH of the following conditions were met. ----- BothCondMet Yes  No

a. Fulfilled definition of ARF.

1. Date definition of ARF first met ----- ARFDate □ □ / □ □ / □ □ mm/dd/yy

b. BUN > 100mg/dL

1. BUN at time of screening ----- □ □ □ mg/dL ScreeningBUN

2. BUN 3 days prior to screening ----- □ □ □ mg/dL ThreeDayBUN

VA WEST HAVEN CSP 530  
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- |  | HemoDialysisEx           | Yes                      | No                       |
|--|--------------------------|--------------------------|--------------------------|
| 4. More than one hemodialysis treatment or longer than 24 hours since starting CRRT -----                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Prior kidney transplant -----   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Patient pregnant -----  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Patient is a prisoner -----   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Pre-morbid weight > 128.5 kg -----  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| a. enter pre-morbid weight kg  |                          |                          |                          |
| <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Non-candidacy for acute renal replacement therapy -----   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Moribund state -----   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Patient not expected to survive 28 days because of an irreversible chronic medical condition -----     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Comfort-measures-only status -----   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Participation in a concurrent interventional study -----   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Patient/Surrogate refusal -----  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Physician refusal -----  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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**C. THIS SECTION TO BE COMPLETED IF CONSENT IS BEING PROVIDED BY A SURROGATE**

- 1. Patient deemed by 2 physicians to be unable to provide informed consent --- Yes  No   
If no, surrogate consent cannot be used. Skip to Section E.  
If yes, complete remainder of this section.

PatUnableConsent

- 2. Name of person who signed informed consent

First Name Fname

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MI

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Last Name Lname

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MI

- 3. Relationship of person who signed informed consent to patient (check one)

- Spouse/Partner  Parent  Sibling
- Child  Friend  Other relative

Relation

Other, specify:

RelationDesc

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- 4. Basis for using person named in item 2 above as surrogate (check one)

- Court-approved legal guardian
- Durable power of attorney for healthcare
- Next of kin

Surrogate

SurrogateDesc

Other, specify:

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Eligible

**D. IS THIS PATIENT ELIGIBLE FOR RANDOMIZATION?**

Yes  No

If yes, Complete Randomization Form (Form 03)

StaffInits

Staff Initials

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FormDate

Date of Form Completion

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(mm/dd/yy)