





**SEPSIS ASSESSMENT WORKSHEET CONTINUED FROM PAGE 1**

DATE **Relative Contraindications/ Warnings continued from Page 1:**

& TIME The following conditions may increase the risk of bleeding, mortality, or have not been thoroughly investigated with drotrecogin alfa therapy. (Choose all that apply):

- Yes  No Recent ischemic stroke (within 3 months)
- Yes  No Intracranial arteriovenous malformation or aneurysm
- Yes  No Known bleeding diathesis
- Yes  No Chronic severe hepatic disease
- Yes  No Any other condition in which bleeding constitutes a significant hazard or would be particularly difficult to manage because of its location
- Yes  No Pregnant or breast feeding
- Yes  No Age less than 18 years of age
- Yes  No Weight greater than 227 kg
- Yes  No Chronic renal failure requiring hemodialysis or peritoneal dialysis
- Yes  No Acute pancreatitis with no established source of infection
- Yes  No History of bone marrow, lung, liver, pancreas, or small-bowel transplantation
- Yes  No HIV infection in association with a last known CD4 count of less than or equal to 50/mm<sup>3</sup>
- Yes  No The patient has received unfractionated heparin within 8 hours before infusion
- Yes  No LMWH at a higher dose than recommended for prophylactic use within 12 hours before infusion (To be reconciled between Pharmacy and Ordering Physician)
- Yes  No Antithrombin III at a dose greater than 10,000 units within 12 hours before infusion
- Yes  No Protein C within 24 hours before infusion

**The patient meets the definition of severe sepsis (should meet requirements from Category 1-3 listed on Page 1):**

- Yes Continue to the next box for consideration to order drotrecogin alfa.
- No I have evaluated the patient, but I am still considering treatment with drotrecogin alfa. Justification for consideration is documented in Staff Notes on order sheet. Continue to next box for consideration to order drotrecogin alfa.
- No I have evaluated the patient and I am NOT going to consider treatment with drotrecogin alfa. **Do not continue to the order sheet, sign below that you have assessed the patient.**

**The patient has an absolute contraindication(s) for receiving drotrecogin alfa (see Page 1):**

- Yes I have evaluated the patient, but I am still considering treatment with drotrecogin alfa. Justification for consideration is documented in Staff Notes on order sheet. Continue to the next box for consideration to order drotrecogin alfa.
- Yes I have evaluated the patient and I am NOT going to consider treatment with drotrecogin alfa. **Do not continue to the order sheet, sign below that you have assessed the patient.**
- No Continue to the next box for consideration to order drotrecogin alfa.

**The patient has a relative contraindication(s) for receiving drotrecogin alfa (see Page 1 and 2):**

- Yes I have evaluated the patient and the potential benefits outweigh the potential risk associated with drotrecogin alfa. Justification for consideration is documented in Staff Notes on order sheet. **Continue to the drotrecogin alfa order sheet to order the drug.**
- Yes I have evaluated the patient and do NOT feel that the potential benefits outweigh the potential risk associated with drotrecogin alfa. **Do not continue to the order sheet, sign below that you have assessed the patient.**
- No **Continue to the drotrecogin alfa order sheet to order the drug.**

**SEPSIS ASSESSMENT COMPLETE.**

**SIGN BELOW THAT YOU HAVE ASSESSED THE PATIENT.**

**IF THE CONSULTING PHYSICIAN HAS DETERMINED THAT THE PATIENT QUALIFIED FOR THE DRUG,  
CONTINUE TO THE ORDER SHEET.**

Consulting MD Signature \_\_\_\_\_ Provider # \_\_\_\_\_

## THE APACHE II SEVERITY OF DISEASE CLASSIFICATION SYSTEM<sup>1</sup>

Physiologic Variable	High Abnormal Range					Low Abnormal Range			
	+4	+3	+2	+1	0	+1	+2	+3	+4
Temperature- rectal (C°)	0 ≥ 41°	0 39°-40.9°		0 38.5°-38.9°	0 36°-38.4°	0 34°-35.9°	0 32°-33.9°	0 30°-31.9°	0 ≤ 29.9°
Mean Arterial Pressure- mmHg	0 ≥ 160	0 130-159	0 110-129		0 70-109		0 50-69		0 ≤ 49
Heart Rate (ventricular response)	0 ≥ 180	0 140-179	0 110-139		0 70-109		0 55-69	0 40-54	0 ≤ 39
Respiratory Rate- (non-ventilated or ventilated)	0 ≥ 50	0 35-49		0 25-34	0 12-24	0 10-11	0 6-9		0 ≤ 5
Oxygenation: A-aDO <sub>2</sub> or PaO <sub>2</sub> (mmHg)	0 ≥ 500	0 350-499	0 200-349		0 < 200				
b. FiO <sub>2</sub> < 0.5 record only PaO <sub>2</sub>					0 PO <sub>2</sub> > 70	0 PO <sub>2</sub> 61-70		0 PO <sub>2</sub> 55-60	0 PO <sub>2</sub> < 55
Arterial pH	0 ≥ 7.7	0 7.6-7.69		0 7.5-7.59	0 7.33-7.49		0 7.25-7.32	0 7.15-7.24	0 < 7.15
Serum Sodium (mMol/L)	0 ≥ 180	0 160-179	0 155-159	0 150-154	0 130-149		0 120-129	0 111-119	0 ≤ 110
Serum Potassium (mMol/L)	0 ≥ 7	0 6-6.9		0 5.5-5.9	0 3.5-5.4	0 3-3.4	0 2.5-2.9		0 < 2.5
Serum Creatinine (mg/100ml) (Double point score for <b>ACUTE</b> renal failure)	0 ≥ 3.5	0 2-3.4	0 1.5-1.9		0 0.6-1.4		0 < 0.6		
Hematocrit (%)	0 ≥ 60		0 50-59.9	0 46-49.9	0 30-45.9		0 20-29.9		0 < 20
White Blood Count (total/mm <sup>3</sup> ) (in 1,000s)	0 ≥ 40		0 20-39.9	0 15-19.9	0 3-14.9		0 1-2.9		0 < 1
Glasgow Coma Score (GCS): <b>Score=15 - actual GCS</b>									
<b>A</b> <b>Total ACUTE PHYSIOLOGY SCORE (APS):</b> Sum of the 12 individual variable points									
Serum HCO <sub>3</sub> (venous-mMol/L) (*NOT preferred, use if no ABG's)	0 ≥ 52	0 41-51.9		0 32-40.9	0 22-31.9		0 18-21.9	0 15-17.9	0 < 15

<b>B</b>	<b>AGE POINTS:</b> Assign points to age as follows:
Age (years)	Points
≤ 44	0
45-54	2
55-64	3
65-74	5
≥ 75	6

<b>C</b>	<b>CHRONIC HEALTH POINTS-</b> If the patient has a history of severe organ system insufficiency or is immuno-compromised, assign points as follows:
	a. for non-operative or emergency post-operative patients- <b>5 points</b>
	b. for elective post-operative patients- <b>2 points</b>
	<b>DEFINITIONS:</b>
	Organ insufficiency or immuno-compromised state must have been evident <b>prior</b> to this hospital admission and conform to the following criteria:
	<b>LIVER:</b> Biopsy proven cirrhosis and documented portal hypertension; episodes of past upper GI bleeding attributed to portal hypertension; or prior episodes of hepatic failure/encephalopathy/coma.
	<b>CARDIOVASCULAR:</b> NYHA Class IV.
	<b>RESPIRATORY:</b> Chronic restrictive, obstructive, or vascular disease resulting in severe exercise restriction, i.e. unable to climb stairs or perform household duties; or documented chronic hypoxia, hypercapnia, secondary polycythemia, severe pulmonary hypertension (>40 mmHg), or respiratory dependency.
	<b>RENAL:</b> Receiving chronic dialysis.
	<b>IMMUNO-COMPROMISED:</b> The patient has received therapy that suppressed resistance to infection, e.g. immuno-suppression, chemotherapy, radiation, long term or recent high dose steroids, or has a disease that is sufficiently advanced to suppress resistance to infection, e.g., leukemia, lymphoma, AIDS.

APACHE II Score = Sum of <b>A + B + C</b>	
<b>A</b>	APS points = _____
<b>B</b>	Age points = _____
<b>C</b>	Chronic Health points = _____
Total APACHE II Score = _____ (document calculated score on Page 2 of drotrecogin alfa assessment worksheet)	

Reference:  
1. Knaus WA, et al. APACHE II: a severity of disease classification system. *Crit Care Med* 1985;13:818-29.