Figure 1

SQL query logic for data mining from enterprise data warehouse to retrospectively identify severe sepsis patients

**Criteria Set I**

Patients receiving:

1. Positive Sepsis Screen
2. Positive Sepsis Huddle
3. Severe Sepsis Orderset
4. Sepsis specific ICD 10 Codes (R65.20 or R65.21)

 Severe Sepsis

**Criteria Set II**

Treatment Criteria

1. ICU admission
2. Lactate
3. Other ICD 10 Code(s)

2 Bolus

To be conducted 72 hours before or after all elements of criteria set II

Antibiotics

AND

AND

Blood Culture

 AND

OR

Antibiotics

1 Bolus + 1 Pressor

To be started within 6 hours of each for criteria set II other