

**Appendix 1: AFEM-CC Clinical Process and Outcomes Quality Indicators**Clinical Care Quality Indicators

Indicator	Definition	Exact match	Near match	No data
Antibiotics given for patients with sepsis	% of patients with diagnosis of sepsis given antibiotics during EU length of stay	✓	—	—
Blood transfusion of patients meeting transfusion criteria	% of patients meeting local transfusion criteria who receive blood transfusion	✓	—	—
Corticosteroid treatment given for asthma patients	% of patients with documentation of asthma who receive corticosteroid treatment	✓	✓	—
Bronchodilator treatment give for asthma patients	% of patients with documentation of asthma who receive bronchodilator treatment	✓	✓	—
Analgesia given to patients reporting pain	% of patients with documentation of pain who receive pain medications	✓	✓	—
Blood glucose checked in patients with change in mental status	% of patients with documented change in mental status who have blood glucose (BG) checked	—	✓	—
Supplemental oxygen given for hypoxic patients	% of patients with SaO2 <92% who had supplemental oxygen	—	✓	—
Long bone splinting for patients presenting with extremity fracture	% of patients with extremity fracture who are splinted	—	✓	—
Adult patients with shock given IV fluids	% of adult patients with SBP < 90 given intravenous fluids (IVF)	—	—	✓
FAST exam performed for blunt abdominal trauma	% of patients with chief complaint of blunt abdominal trauma who have documented results of Focused Assessment with Sonography in Trauma (FAST) exam	—	—	✓
Hypoglycemic patients given glucose	% of patients with blood glucose < 70 mg/dL given glucose	—	—	✓
Antibiotics given for pediatric pneumonia	% of patients < 5yoa with pneumonia given antibiotics during EU length of	—	—	✓

	stay			
Antibiotics given for adults with pneumonia	% of adult patients with pneumonia given antibiotics during EU length of stay	—	—	✓
Action taken to control postpartum hemorrhage	% of patients with postpartum hemorrhage who receive medication to control bleeding	—	—	✓
Pregnancy test checked in women of reproductive age	% of female patients of reproductive age with pregnancy test checked	—	—	✓
Parental magnesium given to patients with eclampsia/preeclampsia	% of patients with diagnosis of eclampsia or preeclampsia receiving magnesium	—	—	✓
Action taken to control external hemorrhage	% of patients with active external bleeding who have physical maneuvers applied to control hemorrhage	—	—	✓
Tetanus vaccination updated for susceptible adult patients	% of patients age > 18 with open wound and documentation of tetanus vaccination given (or patient's reported recent vaccination)	—	—	✓

#### Documentation and Assessment Quality Indicators

Indicator	Definition	Exact match	Near match	No data
Recording of initial complete vital signs	% of patient encounters with recording of initial completed vital signs (VS)	✓	✓	—
Recording of demographics and chief complaint	% of charts with recording of chief complaint and demographics	✓	✓	—
Documentation of diagnosis	% of patients with documented diagnosis d. d.	✓	✓	—
Documentation of disposition	% of patients with documented disposition	✓	✓	—
Rate of triage	% of patients arriving to the EU receiving a triage score	✓	—	—
Triage level categorisation	% of patients by triage level	✓	—	—
Primary survey performed for all trauma patients	% of patients with chief complaint of trauma with documented primary survey	—	✓	—

Initial assessment for all patients	% of patients receiving an initial assessment	—	✓	—
Documentation of reason for transfer	% of patients with documented reason for transfer	—	—	✓
Vital signs recorded every 15 min for highest acuity patients	% of patients with highest triage priority who have VS recorded every 15 min in the first hour of presentation	—	—	✓

#### Clinical Outcome Quality Indicators

Indicator	Definition	Exact match	Near match	No data
Mortality from trauma	% of patients with trauma-related chief complaint who die within 24hours of EU presentation	✓	✓	—
Mortality from lower respiratory tract infection (adult)	% of adult patients with diagnosis of LRTI who die within 24hours of EU presentation	✓	✓	—
Mortality from asthma	% of patients with diagnosis of asthma who die within 24hours of EU presentation	✓	✓	—
Left without being seen	% of patients registered in the EU who left without being seen by a provider	✓	—	—
Mortality from lower respiratory tract infection (child)	% of patients <5years with diagnosis of LRTI who die within 24hours of EU presentation	—	✓	—

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