

## Acute Care Affinity Group Measure Bank

In 2011 and 2012, NICHQ oversaw the development of quality measures for sickle cell disease by using a modified Delphi process including literature review and convening two expert meetings during which experts rated proposed measures. The full set of measures, which includes areas such as medical home/care coordination, newborn screening, and transition from pediatric to adult care, is available on NICHQ's website.

Below are the five measures relating to management of acute pain crises that SCDTDP and SCDNBSP teams collected as part of the Acute Care Affinity Group. (Additional acute care measures are included in the full measure set.)

Measure	Operational Definition
<p><b>Average time from registration to triage for SCD patients presenting at the ED</b></p>	<p><b>Mean</b> in minutes of the interval from registration to triage for SCD patients presenting at the ED during the measurement month.  <b>NOTES:</b> Registration refers to the time when the patient gave their name and other personal/insurance information to the registrar upon arrival to the ED or infusion center/day hospital. Triage refers to the time when patient nurse provides brief, focused assessment of chief complaint and vital signs and assigns patient's acuity level</p>
<p><b>Percent of SCD patients presenting at the ED with acute pain who received an initial pain assessment within 30 minutes of triage</b></p>	<p><b>Numerator:</b> Count of SCD patients who presented with pain at the ED during the measurement month whose pain was assessed within 30 minutes of triage  <b>Denominator:</b> Count of SCD patients who presented with pain at the ED in the measurement month.  <b>NOTES:</b> Pain assessment must be performed using an age-appropriate pain scale</p>
<p><b>Percent of SCD patients presenting at the ED with acute pain who received first parenteral analgesic within 30* minutes of triage</b></p>	<p><b>Numerator:</b> Count of SCD patients presenting at the ED during the measurement month with an acute pain episode who received parenteral analgesic within 30 minutes of triage  <b>Denominator:</b> Count of SCD patients presenting at the ED during the measurement month with acute pain who received parenteral analgesic  <b>NOTES:</b> Registration refers to the time when the patient gave their name and other personal/insurance information to the registrar upon arrival to the ED or infusion center/day hospital; triage refers to the time when patient nurse provides brief, focused assessment of chief complaint and vital signs and assigns patient's acuity level</p>
<p><b>Average time from triage to administration of par- enteral analgesic for SCD patients presenting at the ED with acute pain</b></p>	<p><b>Mean</b> in minutes of the interval from triage to administration of parenteral analgesic for SCD patients presenting at the ED with acute pain</p>
<p><b>Percent of SCD patients presenting at the ED with acute pain who had pain reassessed within 30 minutes of administration of the first dose of parenteral analgesic</b></p>	<p><b>Numerator:</b> Count of SCD patients presenting to the ED in the measurement month who presented with pain, who received parenteral analgesic, and had pain reassessed within 30 minutes of initial parenteral analgesic administration  <b>Denominator:</b> Count of SCD patients presenting to the ED in the measurement month who presented with pain and who received parenteral analgesic  <b>NOTES:</b> Pain assessment must be performed using an age- appropriate pain scale</p>