

Appendix A: Quality Measure Definitions

Measure	Definition
Mortality	Percent of patients within each admission type (see Appendix B) that died in the hospital. Excludes patients transferred to another short-term hospital; severity adjusted using the APR TM -DRG mortality score
Complications	Percent of patients within each admission type with any type of major complication, severity adjusted using the APR TM -DRG mortality score. These include: <ul style="list-style-type: none">• pulmonary compromise after major surgery*• acute myocardial infarction after surgery• gastrointestinal hemorrhage or ulceration after major surgery• venous thrombosis or pulmonary embolism after major* surgery/invasive vascular procedure• mechanical complications due to device, implant or graft• urinary tract infection after major surgery• pneumonia after major surgery*• complications of anesthesia*• postoperative hemorrhage or hematoma*• postoperative hip fracture*• postoperative physiologic embolism or deep vein thrombosis*• postoperative wound dehiscence in abdominopelvic surgical patients*• in hospital fractures possibly related to falls

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- intraoperative nerve compression injuries
 - malignant hyperthermia
 - postoperative iatrogenic complications - cardiac system
 - postoperative iatrogenic complications - nervous system
 - reopening of a surgical site
 - suture of laceration*
 - postoperative pneumonia
 - postoperative iatrogenic complications - digestive system
 - postoperative iatrogenic complications - respiratory system
 - postoperative iatrogenic complications - urinary system
 - postoperative iatrogenic complications - vascular system

Failure-to-rescue	Percent of patients with major complications that died in the hospital; severity adjusted using the APR TM -DRG mortality score
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Volume	Number of patients discharged for specific procedure or diagnosis
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CPOE	As reported on the Leapfrog hospital survey. Scored as: <ul style="list-style-type: none"> 4 fully implemented 3 good progress (CPOE currently being implemented) 2 good early stage effort (written strategy or currently implementing; budget approved) 1 willing to report publicly (e.g, responded to the survey) 0 no response to survey
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ICU Staffing	As reported on the Leapfrog hospital survey. Scored as: <ul style="list-style-type: none"> 4 fully implemented (intensivists in ICUs)
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3 good progress (intensivists available on-site or by telephone)

2 good early stage effort (written strategy or currently implementing;
budget approved)

1 willing to report publicly (e.g, responded to the survey)

0 no response to survey

APRTM-DRG=All-Patient Refined Diagnosis Related Group; CPOE=Computerized Physician Order

Entry; ICU=Intensive Care Unit

* Indicates a measure that corresponds to an AHRQ Patient Safety Indicator. Agency for Health Care Research and Quality. 2003. "AHRQ Quality Indicators - Guide to Patient Safety Indicators". Rockville, MD.