**Appendix A - Physician Practice Improvement**

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| Measure | Quality Domains | Important | Appropriate care | Clinical evidence base | Well specified | Feasible and applicable |
| Flow/efficiency measures | | | | | | |
| Time from MD assessment to definitive disposition | Timeliness  Efficiency  Patient-Centeredness | ✔ | ✔ | ✘ | ✔ | ✔ |
| Number of patients seen per shift | Efficiency | ? | ✘ | ✘ | ✔ | ✔ |
| Operational measures | | | | | | |
| % of patients consulted | Timeliness  Efficiency | ? | ✔ | ✘ | ✔ | ✔ |
| Transfer rate to higher acuity centers | Efficiency  Patient-centeredness | ? | ✔ | ✘ | ✔ | ✔ |
| Balancing measures | | | | | | |
| 72 hour ED return rate | Safety  Effectiveness  Efficiency  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✔ |
| 72 hour ED return and admit rate | Safety  Effectiveness  Efficiency  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✔ |
| Resource utilization measures | | | | | | |
| Overall CT utilization rate per 100 patients | Efficiency  Patient-centeredness | ✔ | ✔ | ✘ | ✔ | ✔ |
| CT head use in minor head injury patients | Efficiency  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✔ |
| Patient satisfaction measures and patient outcomes | | | | | | |
| % of patients with an understanding of self-care and further medical care at the time of discharge | Efficiency  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✘ |
| % of patients that understand their diagnosis and prognosis | Efficiency  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✘ |
| Disease specific outcomes | | | | | | |
| Time to antibiotics in patients with an admission diagnosis of sepsis/septic shock | Safety  Timeliness  Effectiveness  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✔ |
| Management of child with fever under 30 days of age (adherence to guidelines) | Safety  Effectiveness  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✔ |
| % of patients who underwent CT PE with + D-dimer preceding the CT scan | Effectiveness  Efficiency  Patient-centeredness | ✔ | ✔ | ✔ | ✔ | ✔ |