Supplement Table 4: Summary of all comparisons and analyses (ordered to follow results and discussion)

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| --- | --- | --- | --- | --- |
| **Analysis** | **Unit of Analysis** | **Cohort Size** | **Analysis Type/Detail** | **Relevant Tables & Figures** |
| Demographics | Patient | 4,074 | Descriptive | Table 1 |
| Mortality, ED visits, and readmissions | Patient | 4,074 | Descriptive; comparison between patients with and without sepsis | **Primary analysis** Table 2(secondary outcomes) |
| Readmissions categorized as ACSC | Patient with a readmission in the post-ICU period | 1,756 | Descriptive | ODS Table 1 |
| Number of visits pre- and post-ICU  | Visit | All visits for 4,074 patients (a patient can have multiple visits) | Descriptive  | Figure 2  |
| Proportion of patients with utilization in the pre- and post-ICU | Patient | 4,074 | Comparison of pre-ICU and post-ICU overall, as well as stratified by sepsis, sex, & facility size | **Primary analysis**ODS Table 2 |
| New utilization | Patients with the type of visit in either the pre- or post-ICU period.) | Overall: 4,074 Inpatient: 2,237ED: 2,133Outpatient: 3,233 | Descriptive  | N/A |
| Increased utilization | Patients who survived to one-year post-ICU discharge | 3,318 | Comparison between those with and without increased utilization | Secondary analysisTable 3 |
| Utilization of PT/OT, Cognitive therapy, and mental health visits | Patient | 4,074  | Descriptive | Exploratory analysis |
| Opiate prescriptions | Patient | 4,074 | Descriptive | Exploratory analysis |
| Heart failure patients, a population known to have high utilization and benefit from routine outpatient services | Patients with heart failure admitted to an ICU at the Intermountain heart failure referral center | 1,256 | Comparison of patients with and without heart failure for increased utilization and readmissions | Exploratory analysis |

ACSC: Ambulatory Care Sensitive Conditions