Infection Prevention Platform

The Infection Prevention Analytics, Benchmarks and Collaborative Platform serves as a <u>free program</u> to monitor, analyze, and improve healthcare associated infection (HAI) prevention practices within hospitals.

Why This Matters:
HAI prevention is a driver for improving a hospital's rating across CMS quality programs, national programs such as Leapfrog, and decreasing financial pentalties.

Platform Goals & Objectives:
1) <u>Track Key Metrics</u>: Monitor infection counts, rates, and standarized infection ratios across multiple units and over time.
2) <u>Benchmark Performance</u>: Compare internal data with national benchmarks.
3) <u>Visualize Trends</u>: Provide clear visualizations to highlight high-risk areas or positive impacts of interventions.
4) <u>Identify Outliers</u>: Detect departments or time periods with unusually high infection rates.
5) <u>Facilitate Timely Interventions</u>: Enable early detection of potential outbreaks or compliance gaps.
6) <u>Support Quality Initiatives</u>: Align with hospital-wide quality improvement goals and accreditation needs.

How To Participate:
1) Execute a BAA with Dexur.
2) Join Dexur's NHSN Group (Group ID: 93346 & Joining Password is 'Dexur123$') .
3) Dexur will follow-up to schedule training sessions for your hospitals.

Report Outlining Impact on HACRP Penalties

HACRP Impact:

Measures	2022	2023	2024	2025	2026	2027
Total HAC Score for Your Hospital	0.1195	NA	0.6749	0.7492	0.28000	-0.01350
Subject to Payment Reduction (Yes/No)	No	NA	Yes	Yes	No	No
HACRP Financial Impact	NA	NA	−$1,574,058	−$1,574,058	NA	NA
HACRP Impact Percentage	NA	NA	−1.0%	−1.0%	0%	0%
Payment Reduction Threshold(75th Percentile)	0.29980	0.32980	0.37510	0.36610	0.37510	0.37510
Base Operating Amount	$99,462,024	$103,962,241	$103,962,241	$103,962,241	$103,962,241	$103,962,241
CLABSI Contribution to Total HAC Score	0.10995	0.11405	0.22262	0.28328	0.07923	0.07923
CAUTI Contribution to Total HAC Score	0.17332	0.16407	0.13092	0.15305	0.03437	0.03437
SSI: Colon Surgery Contribution to Total HAC Score	0.17668	0.00857	0.16983	0.23010	0.15535	0.15535
SSI – Abdominal Hysterectomy Contribution to Total HAC Score	0.14513	0.31267	0.23905	0.36128	0.36128	0.36128
MRSA Bacteria Infection Contribution to Total HAC Score	−0.22043	−0.05433	−0.11367	−0.09153	−0.11778	−0.11748
Clostridium Difficile Infection Contribution to Total HAC Score	0.08475	−0.07722	−0.05815	−0.00595	0.01763	−0.00292

Example Infection Prevention Analytics

CLABSI (HAI -1) CAUTI (HAI-2) SSI: Colon Surgery (HAI-3) SSI - Abdominal Hysterectomy (HAI-4) MRSA Bacteria Infection (HAI-5) Clostridium

Summary Central Line Days vs Infections Dialysis vs Non Dialysis Admission-to-Event Days Analysis Location-wise Analysis

CMS Star Rating Reporting Period VBP Reporting Period CMS Rolling Year By Quarter Reporting Period Rolling Year by Month By Calendar Quarter By Calendar

Infection v/s Number Of Central Line Days (CMS)