Revamp Bed Management Reports using Tableau Application

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KKH Current BMU Report

- The report format is static in PowerPoint
- Difficult to assess the data gaps to derive meaningful insights
- Not a good decision guiding tool

Meeting with Stakeholders
- Collation of Users’ Requests

Dashboard Development
- Report Drafting
- Report Clarification with Users

Data Refinement Process
- Improve Current Bed Management Reports
- Use Data Analytics to guide decision making to better manage late discharges
- Identify and transform data variables across admission to discharge processes.

Replace the current report with a Tableau visualisation dashboard, for better and easier monitoring and viewing of the dashboard.

Train the team to self-manage Tableau dashboard with simplified steps to retrieve and draft out the required report.

Different stakeholders can study and monitor admission & discharge patterns with better statistical presentation.

KKH New BMU Report

KKH BMU Report – Reasons for Late Discharge

KKH BMU Report – Late Prescription Order

KKH BMU Report – Late Discharge

Benefits

27 slides condensed into 5 key dashboards

Selection features by Specialty, Wards, Weekday/ Weekend, AM/PM

Identify potential choke points for late discharges

Report preparation reduced from 4 days to 2 hours and improve productivity as more time is allocated to better manage our bed allocation & assignment.

With Interactive capability in Tableau for data deep dive of the new Bed Management Report, users are happy and able to identify potential processes for improvement with performance measures based on the compliance and non-compliance standards.