FRESENIUS KABI

caring for life

Alyx®
Component Collection System
DXT® Data Management
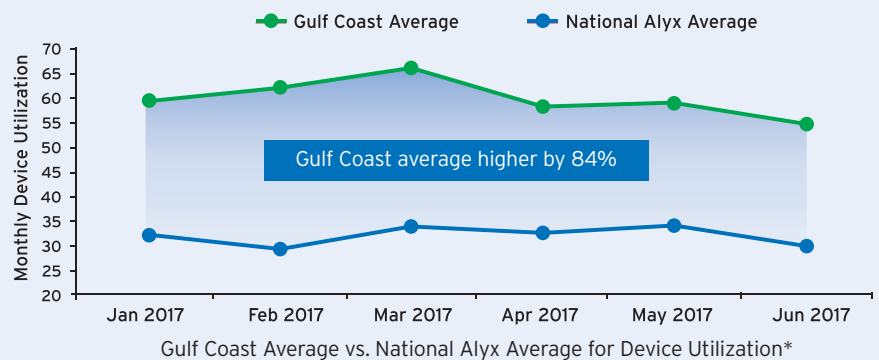
Case Study

DXT Relay Provides Data Driven Insights to Promote Higher Alyx Utilization at Gulf Coast

Utilization Higher by 84% Compared to Alyx National Average Over 6 Months

The major areas of focus to maintain the optimal Alyx utilization rate were:

- Efficient scheduling of devices for blood drives

- Monitoring device performance to prevent extended device non-utilization

- Measuring achievement of daily goals for donor recruitment

Gulf Coast Average vs. National Alyx Average for Device Utilization*

*Data on file at Fresenius Kabi. The results are specific to this user. Actual results may vary.

Case Study

DXT Driving Alyx Utilization

Background

Established in 1975, Gulf Coast Regional Blood Center today serves more than 170 hospitals. To meet the needs of these community hospitals, the blood center focuses on collection efficiency through continuous improvements in automation and device utilization. In spite of the decline in the number of donors in the past few years, Gulf Coast has maintained a significantly higher Alyx utilization compared to the market.
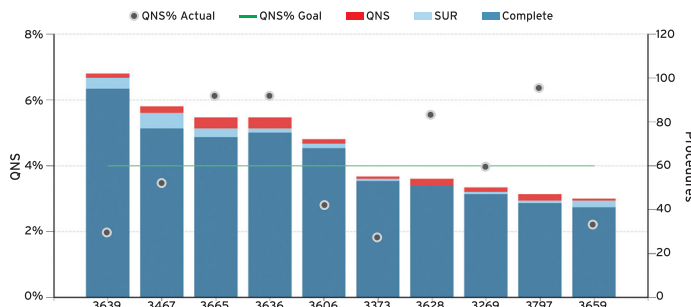
Tools for Success

DXT Relay software application provides insights into center automation performance. Opportunities are identified in DXT Analytics to increase productivity and achieve goals by having information readily available. One of the key performance indicators (KPI) for Gulf Coast is Alyx utilization. Two DXT Reports that help monitor utilization are:

Daily Utilization: Gulf Coast reviews the DXT Daily Utilization Report to monitor the frequency of device usage. When compared to daily targets, the report helps to analyze daily goal attainment for donor recruitment.

Site Name	Device	May 31 Wed	Jun 01 Thu	Jun 02 Fri	Jun 03 Sat	Jun 04 Sun	Jun 05 Mon	Jun 06 Tue	Jun 07 Wed	Jun 08 Thu	Jun 09 Fri	Jun 10 Sat	Jun 11 Sun	Jun 21 Wed	Jun 22 Thu	Jun 23 Fri	Jun 24 Sat	Jun 25 Sun	Jun 26 Mon	Jun 27 Tue	Jun 28 Wed	Jun 29 Thu	Jun 30 Fri	Total
BCBV	50014	2	3	2	3	--	--	--	3	3	1	2		--	--	--	--	--	--	--	--	--	--	34
	50016	--	--	--	--	--	--	--	--	1											--	4	--	23
	50024	--	2	2	2	5	--	3	--	--											--	2	--	40
	50027	--	--	--	2	--	--	2	3	2											--	2	1	37
	50030	--	1	1	2	4	--	--	--	--	--	--		4	3	1	--	3	3	4	--	1	3	44
	50032	--	--	2	3	--	--	2	--	--	--	--	--	--	1	5	--	1	3	4	--	--	--	21
	50034	1	2	--	2	--	--	--	4	3	1	1		--	--	4	--	1	--	--	--	--	--	43
Total:		3	8	7	14	9	--	7	10	9	8	5		9	12	22	--	8	7	8	--	9	4	
Utilization:		0.4	1.1	1.0	2.0	1.3	0.0	1.0	1.4	1.3	1.1	0.7		1.3	1.7	3.1	0.0	1.1	1.0	1.1	0.0	1.3	0.6	1.1

Research devices and days with low utilization

Example DXT Daily Utilization Report – June 2017

Center Phlebotomists Dashboard: This dashboard provides a view of procedure stats by phlebotomist to assist the managers to identify training opportunities that can improve utilization and recognize those with high productivity.

Example DXT Center Phlebotomists Dashboard – June 2017

Team Work & Collaboration

One of the main driving factors for Gulf Coast to continue to meet the utilization KPI is the collaboration between the Fresenius Kabi and Gulf Coast teams. Together the teams review past performance, identify new opportunities and coach phlebotomists to maintain a stable Alyx utilization trend.

Refer to the instructions for use for Alyx and DXT Relay for a list of warnings and precautions associated with each device.

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DXT Utilization Insights:
- Monitor frequency of device usage and utilization
- Track Phlebotomist and location performance
- Identify best practices

DXT Dashboards to Monitor KPIs:
- Device Utilization
- SUR & QNS
- Number of Procedures
- Collections by ABO Type

Gulf Coast Regional Blood Center
Commit for Life.

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