

Peripheral IV Analysis

CREATED ON JANUARY 9, 2013 FOR JOHN DOE

About this Analysis

Numbers in this analysis are based on answers given to the Centurion Estimator survey, analyzing material, labor, and risk costs for peripheral IV treatments, giving you the true cost for your PIVs. The survey questions and answers you gave are listed below:

Your Answers

What would be your estimate of the number of patients admitted into your hospital every month?	1177
What percentage of your patients would you estimate receive a peripheral IV catheter during their hospital stay?	85%
What method of securement is your hospital currently using?	Tape, Bard StatLock, Other
What is your guess at the material cost (per PIV start) for the products your hospital is currently using to dress and secure a PIV?	\$1.50
What would you estimate is the average hourly wage for a nurse at your hospital?	\$38 /hr.
What is your guess at the total length of time it takes to start a PIV?	29 mins.
What is your estimate on the average number of insertion attempts it takes to start a peripheral IV?	2
Based on the complication rates found in studies, what would you guess is your hospitals percentage of PIV complications?	47%

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Restart Costs

Charts based on current restart rate (48%) vs. SorbaView SHIELD restart rate (9%)

ESTIMATED COSTS DUE TO UNSCHEDULED RESTARTS

\$114,432 /yr.

\$9,536 / mo.

ADJUSTED COSTS

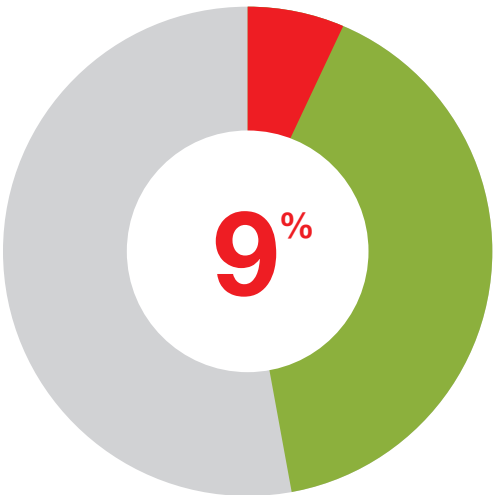
\$21,456 /yr.

\$1,788 / mo.

POTENTIAL SAVINGS

\$92,976 /yr.

\$7,748 / mo.



RESTART RATE

Direct Costs

	CURRENT	POTENTIAL	SAVINGS
Unscheduled Restarts	5,760 /yr. 480 / mo.	1,080 /yr. 90 / mo.	4,680 /yr. 390 / mo.
Materials	\$1.50 /ea.	\$2.46 /ea.	With your current budget you can spend \$2.46 per PIV start
Clinician Time Wasted	2,784 /yr. 232 / mo.	522 /yr. 43 / mo.	2,262 /yr. 188 / mo.
Labor Wasted	\$105,792 /yr. \$8,816 / mo.	\$19,836 /yr. \$1,653 / mo.	\$85,956 /yr. \$7,163 / mo.
Materials Wasted	\$8,640 /yr. \$720 / mo.	\$1,620 /yr. \$135 / mo.	\$7,020 /yr. \$585 / mo.

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Dissatisfaction Costs

	CURRENT	POTENTIAL	SAVINGS
Resticks	11,520 /yr. 960 / mo.	2,160 /yr. 180 / mo.	9,360 /yr. 780 / mo.
Patient Discomfort	Yes		Reduced

Financial Risks

Phlebitis Risk	Yes	Reduced
Infiltration Risk	Yes	Reduced
Extravasation Risk	Yes	Reduced
Dislodgement Risk	Yes	Reduced
Medical Liability Risk	Yes	Reduced