

## SECURACATH VS ADHESIVE DEVICES

SecurAcath is a cost-effective catheter securement device that decreases dislodgements and improves efficiency.

SecurAcath offers significant cost savings compared to adhesive stabilization devices. Adhesive devices often have many additional costs not immediately realized such as: catheter dislodgement, migration, line repositioning, clinician time and infections.

### Decreased Catheter Replacement Costs

- SecurAcath had a low rate of catheter dislodgements in clinical study<sup>1</sup>
  - 1.5%, 0.7/1000 catheter days
- Published adhesive device study had a 12% dislodgement rate<sup>2</sup>
- Facilities using the SecurAcath have reported a significant decrease in unscheduled PICC line restarts<sup>3</sup>
  - PICC replacement cost is approximately \$500 at bedside, \$1000 in IR<sup>4</sup>, \$1200 in pediatrics

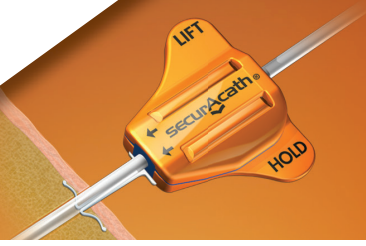
### Improved Efficiency

- SecurAcath is much faster to use than adhesive devices
  - SecurAcath takes seconds to place and remove, adhesive devices take far longer and involve many additional steps
- One SecurAcath secures for the life of the line, never needing to be replaced
  - SecurAcath cost is fixed, affording significant savings, especially in longer term PICCs
- SecurAcath saves nursing time during weekly dressing changes
  - A dressing change can be done 3-5 minutes faster with SecurAcath compared to an adhesive securement device
- SecurAcath allows for easy catheter repositioning, saving time, cost and discomfort for the patient

### EXAMPLE

<b>ADHESIVE DEVICE</b>		<b>SECURACATH</b>	
Average PICC in-dwell time (days)	14	Average PICC in-dwell time (days)	14
Adhesive devices used	3.0	SecurAcath devices used	1.0
Adhesive devices cost (each)	\$5.00	SecurAcath device cost	\$25.00
<b>Total adhesive device cost</b>	<b>\$15.00</b>	<b>Total SecurAcath device cost</b>	<b>\$25.00</b>
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Time to place adhesive device (minutes)	3.0	Time to place SecurAcath device (minutes)	0.5
Time to complete dressing change (minutes)	5.5	Time to complete dressing change (minutes)	1.5
Total time to secure and maintain (minutes)	14	Total time to secure and maintain (minutes)	3.5
Nursing time cost (\$0.53 per minute)	\$7.42	Nursing time cost (\$0.53 per minute)	\$1.86
<b>Adhesive device and time cost total</b>	<b>\$22.42</b>	<b>SecurAcath device and time cost total</b>	<b>\$26.86</b>
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Number of PICCs placed per year	1,500	Number of PICCs placed per year	1,500
<b>Securement and maintenance cost</b>	<b>\$33,630</b>	<b>Securement and maintenance cost</b>	<b>\$40,290</b>
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<b>Materials and maintenance cost difference</b>		<b>\$6660</b>	
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<b>Catheter Dislodgement Cost</b>		<b>Catheter Dislodgement Cost</b>	
Adhesive device dislodgement rate	12%	SecurAcath dislodgement rate	1.5%
Number of dislodgements	180	Number of dislodgements	22.5
Cost to replace PICC		Cost to replace PICC	
	Bedside \$500		Bedside \$500
	IR \$1,000		IR \$1,000
	Pediatric \$1,200		Pediatric \$1,200
<b>Dislodgement cost total</b>	<b>Bedside \$90,000</b>	<b>Dislodgement cost total</b>	<b>Bedside \$11,250</b>
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<b>Dislodgement savings per year</b>		<b>\$78,750</b>	

**SecurAcath potential annual savings..... \$72,090**



## SECURACATH VS SUTURES

SecurAcath is a cost-effective catheter securement device that eliminates suture needle sticks and improves efficiency. SecurAcath offers significant cost savings compared to sutures. Sutures often have many additional costs not immediately realized such as: needle stick complications, catheter migration, line repositioning, clinician time and infections.

### Eliminates Suture Needle Sticks

- Average cost of a needle stick injury is \$825<sup>5-8</sup>
- Cost is much higher if a bloodborne disease is contracted
- There are over 92,000 suture needlestick injuries to healthcare workers in the U.S. each year<sup>9</sup>

### Improved Efficiency

- SecurAcath is much faster to use than sutures
  - SecurAcath takes seconds to place and remove, sutures take far longer and involve many additional steps
- SecurAcath allows for easy catheter repositioning, saving time, cost and discomfort for the patient
- SecurAcath saves OR time compared to sutured CVCs
  - Average per minute cost of OR time is \$20<sup>10</sup>

### EXAMPLE

	SUTURE		
		Unit Cost	Total Cost
Suture, needle holder, removal kit			\$7.00
Physician time (minutes)	3.0	\$1.39	\$4.17
OR time (Anesth. CVCs)(minutes)	3.0	\$20.00	\$60.00
Needlestick injury rate	0.5%	\$825.33	\$4.13
<b>Total</b>			<b>\$75.30</b>

	SECURACATH		
		Unit Cost	Total Cost
SecurAcath Device			\$25.00
Physician time (minutes)	0.5	\$1.39	\$0.70
OR time (minutes)	0.5	\$20.00	\$10.00
Needlestick injury rate	0.0	\$825.33	\$0.00
<b>Total</b>			<b>\$35.70</b>
<b>SecurAcath savings (each case)</b>			<b>\$39.60</b>
Cases per year			3,000

**SecurAcath potential annual savings..... \$118,800**

### References

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