

**KnowFalls Patient Observation System: Reduces Staff by over 50%**  
**Example: Average and Large Florida Hospital**

<b>Hospital Profile</b>	Average	Large
# of Bed	214	800
# of Patient Days	55,345	149,329
Percent of Medicare Patients (as payor, per SMH)	60%	60%
Full Risk Patients, i.e., those 80 years of age and over, are 21% of US population over 65 or the population receiving Medicare)	<u>21%</u>	<u>21%</u>
Percent of Hospital Population	13%	13%
# of Patient Days Needing to be monitored	6,973	18,815
<b>Estimated Number of Patient Sitters</b>		
# of Patients Day - Needing to be monitored	6,973	18,815
# of Patient Sitting Hours/Day	<u>10</u>	<u>10</u>
Total # of Patient Sitting Hours	69,735	188,155
Equivalent Annual In-Room Patient Sitter Staff	35	94
<b>Estimated Number of Patient Observers with KnowFalls Patient Observation System</b>		
# of Patients Day - Needing to be monitored	6,973	18,815
Average Patient Stay (days)	<u>4.5</u>	<u>4.5</u>
Minimum Number of Patients Monitored/Day	19	52
Actual Number to be Monitored/Day (to limit moving patients to monitored rooms)	38	103
Number of Monitors Viewed Per Patient Observer	<u>15</u>	<u>15</u>
Total Number of Observers Per Shift	3	7
Total of Full Time Observers (4.2 x # of Observers/Shift)	11	29
<b>Annual Staff Savings</b>		
Equivalent Annual In-Room Patient Sitter Staff	35	94
Less: Full Time Observers	11	29
Staff Reduction	24	65
Less: Patient Sitters required for emergency situations	3	7
Net Patient Sitter Reduction	21	59
<b>Metrics</b>		
Original Number of Patient Sitters	35	94
Less: Remaining Patient Sitters for Emergency Situations	<u>4</u>	<u>9</u>
Net Reduction in Patient Sitters	31	85
New Central Patient Observers	11	29
Plus: Management of Patient Observers (equivalent to 2 Observers)	<u>2</u>	<u>4</u>
Total Patient Observation Staff	13	33
<b>KnowFalls Patient Observation System Savings</b>		
Staff Savings	18	52
Staff Savings Percentage	52%	55%
Staff Savings Assuming \$30,000 - Sitter & Observer Salary w/ Fringes	\$ 549,029	\$ 1,554,060

For more information contact one of our application specialists.

**KNOWfalls**

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