

# Mespere LifeSciences

## Cerebral Oximetry Saving Analysis

### Scenario

Number of Cases Per Year:	500
Cost of ICU Stay Per Day:	\$3,592
Cost of Non-ICU Stay Per Day:	\$1,135

### Mespere vs. Competitors Sensor Savings

	COMPETITOR	MESPERE
Comparison cost per patient:	\$300	\$50
Total cost per year:	\$150,000	\$25,000

Net Savings by Mespere: **\$125,000**

### Hospital Savings

SAVINGS	TOTAL
Number of Cases per year:	500
Number of Cases at risk of cerebral desaturation (20%):	100
Decrease in ICU days using Cerebral Oximeter per patient:	3
Total Decrease in ICU days using Cerebral Oximeter per year:	300
Cost of ICU stay per day:	\$3,592
Total Savings - ICU Stay:	<b>\$1,077,600</b>
Decrease in Non- ICU days using Cerebral Oximeter per patient:	1
Total Decrease in ICU days using Cerebral Oximeter per year:	100
Cost of Non-ICU stay per day:	\$1,350
Total Savings - ICU Stay:	<b>\$135,000</b>
Cost of Mespere sensors per patient:	\$50
Cost per year	\$25,000

Net Savings to hospital: **\$1,187,600**