



## Medical Technology and Devices

### Opportunity

Medication errors are the result of an error that occurs during the process of treatment, from prescription to administration, and they are becoming an increasing problem. In 2018 it was estimated that the cost of treating patients suffering from medication associated errors is over \$40 billion annually and resulted in 9000 deaths in the US alone. Neonatal Intensive care units have increased risk of medication error due to the small size of the patients. As the dose requirements are significantly lower the accuracy is of greater importance as the impact of small errors is magnified for these patients. However, 5.5% of all NICU prescriptions undergo some form of medication error.

### Technology

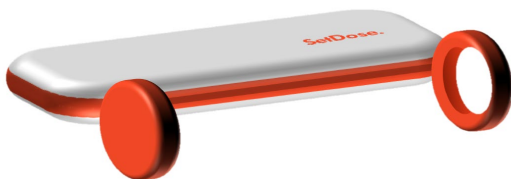
SetDose is an integrated system which manages dose volume and frequency, physically preventing accidental overdose and tracking each treatment administration, providing an accountability measure. The system is comprised of device, smart card and managing software to ensure each patient receives the correct dose, every at very low volumes. It can be used by both clinicians and parents.

### Intellectual Property Status

Protected by patent application  
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### Inventors

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