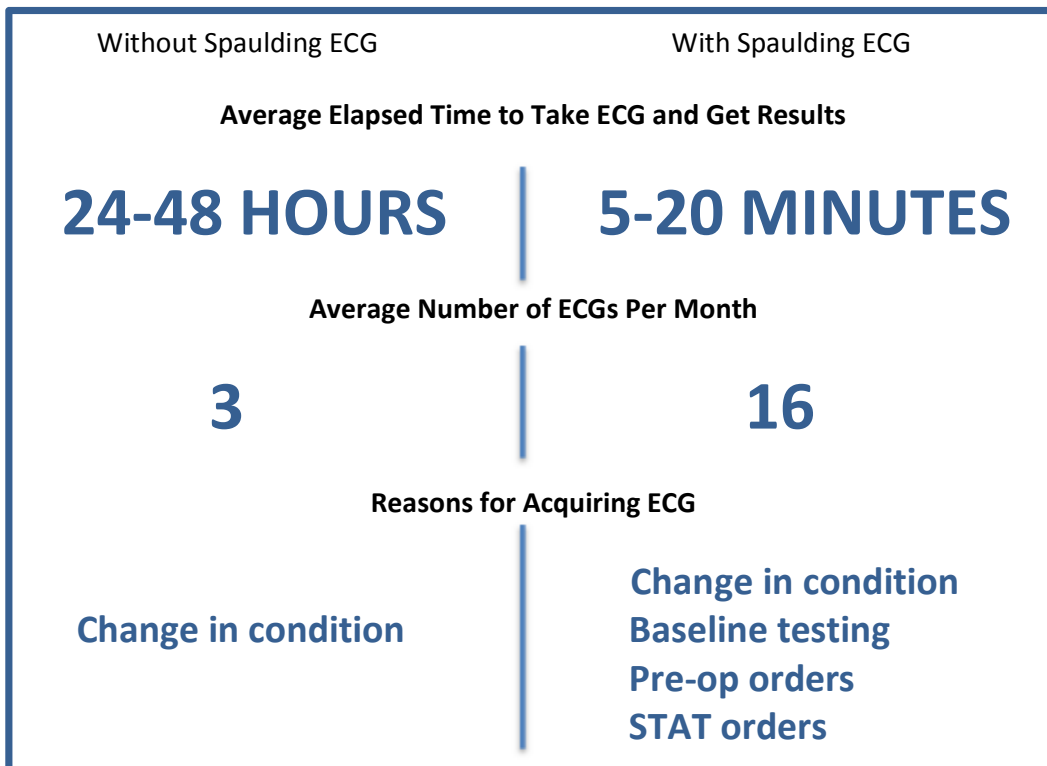


Spaulding Electrocardiograph Helps Ciena Healthcare Improve Resident Care While Reducing Return Hospital Visits

Ciena Healthcare, a 40-facility senior living provider based in Michigan, found that bringing ECGs in-house had many benefits to residents and the bottom line. Using the Spaulding Electrocardiograph was easy and significantly reduced ECG acquisition time.

Pilot Overview

- 6 skilled nursing facilities over 90 days
- One Spaulding Electrocardiograph per facility, paired with Android tablet computers, with 12-lead patient cable
- Initial ECG results through software algorithm, confirmed with over-reading services from Spaulding Medical cardiology team
- 100 ECGs taken



Impact on Rehospitalization

“We probably avoided 10 unnecessary hospital readmissions over 90 days by being able to take readings so quickly.”

Director of Nursing at Hartford Nursing and Rehab, Detroit, MI

Survey Says...

- **0%** of pilot sites had an in-house ECG solution prior to the pilot.
- **100%** of the pilot sites indicated they would like to have at least one Spaulding ECG device in their facilities going forward.
- **100%** of the pilot sites indicated the device was easy to use, easy to train on and functioned as expected.
- **100%** of the pilot sites of the Spaulding ECG agreed or strongly agreed that the device was easy to use and the physician over-reading capability worked well.

“There are so many reasons why you’d want to take an ECG onsite. Why put the resident through an ER visit if they don’t need it?”

Ciena Healthcare nurse commenting on benefits of an in-house ECG solution

Average **time to train** nursing staff on using device and electrode placement was **just 45 minutes**



“I could not imagine not having the Spaulding ECG device now. We definitely want to keep using it.”

Ciena Healthcare facility Director of Nursing

Top 5 Benefits for Ciena of Using the Spaulding ECG

1. Enables **faster** care decisions
2. Improves rates of residents able to be **treated in place** at facility
3. Residents **remain compliant and calm** because a familiar nurse administers the ECG and the small size of device seems non-threatening
4. Internet access to ECGs means **off-site physicians** can interpret ECG results and provide **immediate feedback**
5. **Training is easy**, even for nurses who had never administered an ECG

www.spauldingmedical.com

