

Empowering CNAs and technicians to virtually monitor and engage suspected and infected patients, and enabling TeleHealth exams within resident/patient rooms

The increasing need to quarantine individuals is taxing healthcare teams, facilities, and resources.

The CoronaVirus Remote Patient Monitoring and Engagement Platform enables a virtual technician (or CNA), with basic computer skills, to replace nurses in addressing many of the needs of isolated patients. The result is 24/7 monitoring and engagement of patients at a labor cost of less than \$1/patient/hour.

The Platform is shipped within a Pelican case and includes cameras, wireless network, and computer system all pre-configured for rapid deployment. Key features include:

Rapid Installation - a Platform can be installed within an hour.

Rapid Deployment - each pre-configured system is capable of monitoring 8 to 25 patients. It is shipped in a Pelican case with all needed equipment.

Virtual Rounds - The Platform allows a technician to monitor and engage patients, record patient actions and conditions, address non-clinical needs and request nursing support; thereby limiting staff exposure risks and decreasing the use of masks/gloves and gowns - all while not making the patient feel isolated and neglected. There is no limitation on when and how often rounds are scheduled.

Force Multiplier Patient Monitoring and Engagement - the Platform saves nursing resources and empowers technicians to monitor and engage patients.

Low Cost Monitoring - the technician labor cost for 24/7 monitoring patients is less than \$1/hour/patient.

TeleHealth - a remote physician can perform virtual exams and qualify for office visit billing under the current modified CMS rules.



Real Time Data Collection - technicians can monitor and communicate with the patient and record any of 10 time-stamped occurrences (which can be edited):

| | |
|---------------------|------------|
| Coughing spells | Sneezing |
| Shortness of breath | Runny Nose |
| Sore Throat | Head Ache |
| Agitated | Confused |
| Nursing Request | Feels Warm |

Report Generation - all technician-patient interactions and technician observations are recorded within an SQL database. The Platform provides a set of standard reports. Plus, approved stakeholders can query the database to generate virtually any report to improve operations and understand trends.

| CORONAVIRUS Remote Patient Monitoring & Engagement | | | | | | | | | | |
|---|-----------------|----------|---------------------|------------|----------|-------------------|----------|---------|------|---------------|
| Patients Activity (last 24h) | | | | | | | | | | |
| | Coughing spells | Sneezing | Shortness of breath | Runny Nose | Agitated | Room Exit Attempt | Confused | IV Pull | Fall | Catheter Pull |
| ROOM 681 WALDEMERE | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| ROOM 670 EAST | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| ROOM 669 EAST | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| ROOM 646 COURTYARD | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| ROOM 645 COURTYARD | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

HIPAA Compliance and Security - the Platform runs over a Wi-Fi 6 network. It is secured with WPA-3, forward secrecy, and a total system lockdown. For HIPAA compliance, patient video is only display and never recorded or saved. As new features are added a HIPAA security and risk assessment is performed for opportunities to further improve the Platform.

Platform Configurations - the Platform is preconfigured for monitoring 8, 16 and 25

patients. Within one Pelican case is all the required cameras and...

- Laptop (i7 with Nvidia Processor) running under Windows 10 Pro
- 27" UHD Display
- Wi-Fi 6 Router and extenders
- Headsets (3) with removable microphones
- Wireless mouse
- Quick-start guide

The Platform is preconfigured and can be installed within 60 minutes.

Rapid Camera Installation - A key element of the Platform is the Axis M1065 Video Wi-Fi camera. It measures only 4.2 x 2.4 x 1.5 inches and weighs .28 lbs. - much smaller and lighter than an iPhone - and can easily be wall or corner mounted. Features include...

- 2-way audio
- day and night vision
- pan and zoom

For more info
Contact an application specialist at...



KNOWfalls

4141 South Tamiami Trail, Ste 3, Sarasota, FL 34231
Support@KnowFalls.com or call 941.724.9700