

How the **Virtual Hospital** can help **protect your staff**



An estimated number of **12 healthcare personnel / per day** could be required to care for an unstable patient.¹

That number includes direct beside teams and a supporting team of one or two specialists that provide additional oversights and clinical decision support (i.e. intensivists and respiratory therapists.)

The **Mural Solution** integrates data from multiple systems and devices into a single pane of glass **extending the clinical capabilities of intensivists and other specialists** by giving visibility to at risk and ventilated patients while **minimizing their exposure to infected patients.**²

Virtual care can help **minimize the burden of exposure** to those specialists with the benefit of **no additional strain on PPE supply.**

The **Virtual Hospital** can extend clinical capabilities while **preserving PPE**

Est. Healthcare Personnel Required to Care for an Unstable Patient*

	Persons/shift	Shift per day	Persons per day
Nurses	3	2	6
Doctors	2	2	4
Observers	1	2	2
Total	6	2	12

Est. PPE Required for ONE DAY of Care*

	Gown	Gloves	N95 Respirator	Face Shield
Nurse	36	72	36	36
Doctors	12	24	12	12
Trained Observer	12	12	0	12
Total PPE needed for ONE DAY	60	108	48	60

A recent study of **virtual care** concluded that the ability for intensivists and other specialists to consult or evaluate certain patients remotely could:

help to **conserve PPE**

limit exposures bidirectionally

allow for a centralized consult workforce to **service multiple hospitals**

facilitate **rapid triage** and disposition of non-COVID-19 emergencies during this crisis³



1. GE Healthcare internal research based on CDC PPE Calculator, <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/burn-calculator.html>. Quantity of personnel per shift may vary based on multiple factors including patient acuity, length of shifts, breaks etc. Hospitals may have additional roles that need to be considered.

2. Enabled by DECISION insight® - a standalone medical device, based on hospital defined protocols.

3. [https://www.goldjournal.net/article/S0090-4295\(20\)30419-2/pdf](https://www.goldjournal.net/article/S0090-4295(20)30419-2/pdf)

*GE Healthcare internal research using CDC PPE Calculator, <https://www.cdc.gov/coronavirus/2019-ncov/hcp/ppe-strategy/burn-calculator.html>. Quantity of personnel and product per shift may vary based on multiple factors including patient acuity, length of shifts, breaks etc. Hospitals may have additional roles that need to be considered. Assumes that care givers will use a new set of PPE per patient.