

# **It is self-evident that the infectious disease protocols that medical facilities have in place worldwide are not working to stop the spread of the Coronavirus**

**Problem:** The inability to safely isolate Covid-19 patients while providing necessary medical assistance

## **Solution:**

### **- What to do?**

- Physically remove patients from the medical facility
- Reduce the number of interactions with patients to the barest of minimums
- Move the cleaning, sterilization and sanitation of all equipment and clothing outside of the medical facility

### **- How to do it?**

- **Place patients into a mobile self-contained Isolation Intensive Care Unit (IICU)**
- Put in place small rotating teams to attend to the patients
  - No unnecessary people, i.e. janitors, food staff, etc.
  - The IICU team attends to these duties
- Use one of the IICU's for sterilization of equipment and clothing, etc.
- Set up another IICU for dressing rooms with showers for attending teams

### **- Where to do it?**

- Inside one of CMS's iSOSuites™
- The iSOSuites™ are placed outside of a medical facility, perhaps on the grounds in the parking lot or maybe the rooftop or some other nearby remote location and of course they are custom-made to be put on the decks of ships

### **- What are iSOSuites™**

- Mobile Self-Contained Isolation Intensive Care Units (IICU's)
- Constructed out of 8' x 40' steel shipping containers
- The modular design consists of two sealed, single occupancy treatment suites
- Each is accessible through a single point guarded by an airlock
- A mechanical room containing a HEPA-class filtration system separates the suites
- The HEPA system maintains negative air pressure in the suites to avoid the escape of airborne contaminants
- The suites are ADA compliant, outfitted with the comforts of home, including separate restroom facilities and separate heating and AC units
- Plumbing and electrical connections can be attached and detached quickly
- Easily transported by rail or truck
- UV lights can be installed for thorough sterilization of the iSOSuites™
- The IICU's can be repurposed after the disaster is over to help shelter the homeless

### **- Where to get iSOSuites™**

CMS Central Corporation  
2935 Kenny Road, Suite 225  
Columbus, Ohio 43221 USA  
<https://iso-suites.com>

Michael A. Cairo  
240-308-0053  
[michael.cairo@yahoo.com](mailto:michael.cairo@yahoo.com)