

CAHF Disaster Preparedness Program presents:

Sustainable Screening Strategies for Staff, Visitors, and Contractors: Regulatory Requirements

Tuesday, Nov. 16th, 4:10 – 5:00

Jason Belden, Director of Emergency Preparedness



Introduction



Jason Belden – Disaster
Preparedness Program Manager



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Preparedness Program Coordinator

Quiz Time

- On a scale from one to ten –
 - How comfortable are you in your ability to manage visitor/vendor entry into your building?

Course Objectives

Understand regulatory requirements for staff, visitors, and vendors entering SNFs	Understand tools available to assist providers minimize time spent managing entry management.
Understand best practices currently being used to safely accomplish visitor screening.	To identify resources available to assist you in the implementation of entry management

Entry Management

Any visitor, regardless of vaccination must:

Be screened for fever, symptoms, and exposure within last 14 days

- Must wear a well-fitting face mask
- Facility provides appropriate PPE to visitor based on status of resident and shown how to don and doff.
- Visitors must remain physically distanced from others
- Visitor movement within the facility is limited to the resident room or designated visiting area

Entry Management

[AFL 20-22 \(ca.gov\)](#) and [AFL 21-14 \(ca.gov\)](#)

Visitor restrictions consistent with [health order](#)

- Revision requires SNFs to develop and implement processes for verifying the vaccination status of all visitors, and for obtaining and tracking documentation of SARS-CoV-2 diagnostic test of all visitors who are unvaccinated and incompletely vaccinated to have an [indoor visit](#)

Methods to verify vaccination

CDC/WHO card which includes name of person vaccinated, type of vaccine provided and date last dose administered; OR

A photo of a Vaccination Record Card as a separate document; OR

A photo of the client's Vaccination Record Card stored on a phone or electronic device; OR

Documentation of COVID-19 vaccination from a health care provider; OR

Digital record that includes a QR code that when scanned by a SMART Health Card reader displays to the reader client name, date of birth, vaccine dates and vaccine type. The QR code must also confirm the vaccine record as an official record of the state of California; OR
Documentation of vaccination from other contracted employers who follow these vaccination records guidelines and standards.

In the absence of knowledge to the contrary, a facility may accept the documentation presented as valid

Facilities must have a plan in place for tracking verified worker vaccination status

Keep documentation for at least one year after PHE, CDPH/LHD access to records

Differences for Indoor In-room

Indoor - Verify vaccination status or doc. neg. test within 72 hrs.

PCR/Antigen ok; if antigen should be drawn within 24 hrs.

Everyone wears a well-fitting face mask at all times

If both are fully vaccinated then physical distancing not required

If either resident or visitor is not fully vaccinated then 6ft physical distancing needs to be followed

If both fully vaccinated then resident/visitor can remove mask to eat

Outdoor, Re-Admit, Contractors

Outdoor –

- Fully vaccinated may be conducted w/o masks
- Not fully vaccinated then masks and distancing even outside

Return to facility –

- Fully vaccinated do not need to quarantine or tested upon return
- Not fully vaccinated needs to test 5-7 days after return for less than 24 hrs
- Over 24 hrs. quarantine for 14 days; tested prior to return
- Should do symptom check and question about exposure while out

Non-essential Personnel/Contractors

- Treated like visitors; screening, vaccination/test, mask, 6ft distance

Exempt from visitor restrictions:

Healthcare workers, including those from LHDs, consultants, contractors, volunteers – those are subject to the health order requiring vaccination, exemption w/testing

Surveyors – Surveyors subject to same vaccine or testing requirement handled by CDPH

Ombudsman – Ombudsman have similar requirements from the Department of Aging

Students - obtaining their clinical experience as part of an approved nurse assistant, vocational nurse, registered nurse, pharmacy, social work or other healthcare training program

Compassionate Care – Subject to symptom screening and exposure questions

Legal Representatives - Subject to symptom screening and exposure questions

P&A Programs - Subject to symptom screening and exposure questions

Individuals authorized by federal disability rights laws

All persons exempt from visitor restrictions are still subject to screening for fever and COVID-19 symptoms, must wear a well-fitting face mask, perform hand hygiene when in the facility and comply with core principles of infection control and prevention.

Jasdeep Dhariwal

MBA, BPT, LNHA

HORIZON HEALTH AND SUBACUTE

Facility Situation

Horizon Health and Subacute is a 180 bed facility that has 145 SNF and 35 Subacute beds.

- Trach and vent dependent patients
- Predisposed and susceptible to air borne infections, high priority for both CDPH, Fresno County Public Health and HAI.
- Important to establish a vigorous COVID-19/ infection prevention protocols with everchanging guidance and policies.
- Facility has over 200 employees, 20-25% of those work in multiple facilities.

Immediate Response

Shift the entrance -one entrance and exit.

Need to divert traffic from Subacute Unit and Extensive education and training with Subacute staff to establish their own bubble inside facility itself

Created 2.5 FTE position as screener from 6 AM through 11 PM with screening, supplies and PPE station.

Establish Mitigation plan and staff education on those protocols.

Screening

Screening strategy evolved over the past year as the visitation guidelines changed from "No Visitors" to "Visitation by Appointment" to "Open Visitation".

Active vs passive screening question during mitigation survey.

Screening Process

Manual screening for all residents (dialysis and appointments), staff, physicians and visitors.

- Rapid tests at screening desk as needed for residents and staff.

Screening tool/log provided by CDPH that evolved a few times

- Vaccination status and the card etc.

Visitors and staff receive a screening badge upon screening to put on their clothing/ name badge to show that they were screened at the entry point. The color of the screening badge is changed daily to ensure compliance.

Screening Process

Screening desk staff trained to educate visitors

- facility orientation,
- the route to avoid engaging with other residents or entering other resident areas
- screening log asks about exposure to COVID in last 10 days.

Activities department

- scheduled appointments during the restricted visitation
- communicated to screener a daily list
- designated visitation areas to reduce exposure (facility had 3 courtyards that helped with creating outdoor visitation areas, weather permitting).

Contact Tracing

Facility's Infection Preventionist and Staffing Coordinators worked hand in hand along with other staff to ensure valid contact tracing to convert green zones to yellow upon exposure and communicate exposure to staff and residents to establish quarantine timelines.

Facility's IP and DON spent hours to establish Patient Zero in facility's first outbreak and creating a contact map to avoid transmission and spread.

Contact Tracing

Staff were encouraged to report any exposures at home or from friends and family, educated to maintain social distancing at and outside of work.

Facility's sick leave policy was modified to accommodate COVID protocols and exposure related quarantine.

Manual screening process does have its limitations in terms of record keeping, analyzing and the contact tracing becoming more and more time consuming.



Powering More Human Care™

Create a safer and more efficient health system with the power of autonomous monitoring.

5M+

Unique screenings per day

75M+

Human behavioral data points

19M+

Ambient learning events per day

AIM Sensors + IDA Command Center

care.ai™ AIM Sensors are built with Enterprise sophistication and scale. They shift data analysis away from the Cloud, enabling real-time response, reliable operation, enhanced security, and lower computing costs.

At the heart of our AI-powered AIM Sensors is the Google Coral TPU and Nvidia Jetson SOM, which provide high-performance neural net inferencing, GPU acceleration, and lightning-fast processing.

- Accelerated deep learning
- Enterprise-grade IoT security
- Low latency for fast inferencing
- Low power consumption

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One-on-One Contactless Entry Screening

The AMS-T2 entry sensor provides accurate screening and symptom attestation.

For entry points where targeted screening of each subject is a priority, the AMS-T2 autonomous entry sensor provides an easy-to-use, self-serve interface, and multiple options for symptom attestation. An onboard User Tips placard provides FDA-recommended screening tips. Subjects can self-attest using a personalized QR code or NFC entry badge.

Negative Result

Temperature below 100°F.
Subject cleared to proceed.

Positive Result

Temperature above 100°F. Staff notified automatically.

Smart Entry

Your first line of defense against the spread of infectious disease and managing employee and visitor access to your facility.

- 1. Present QR Code**
Personalized QR codes are assigned to staff through the care.ai mobile app. When they arrive for their shift, the employee shows their personalized QR code to the AMS-T2 device.
- 2. Screening Questions**
The QR code acts as the user's attestation token, for the questions asked on screen. The QR code is mapped to the user's unique ID, and automatically captures and documents all compliance.
- 3. Temperature Check**
The AMS-T2 device measures the employee's surface skin temperature. All information is sent to the care.ai dashboard, and allows for configuration of workflows, as well as documentation for compliance.

A Low-Friction Solution for Employees

The ASB-1 Smart Badge provides fast, easy verification of screening clearance.

To facilitate routine high-volume screening for key personnel, the care.ai™ Smart Entry Solution includes 'Smart Badges' for employees and vendors. These Bluetooth-enabled devices are personalized to each employee, with color LEDs that indicate their current screening status.

At the beginning of each work shift, the Smart Badge will glow RED, indicating that entry screening has not yet taken place. Once the employee visits a screening station, completes self-attestation, and has their skin temperature checked, the Smart Badge will glow BLUE, indicating that the employee is screened and ready for work.

The employee's status will remain in effect for the remainder of their work shift. The Smart Badge will reset before the start of their next shift, glowing RED again.

Badge Glows RED

Screening not yet completed.

Badge Glows BLUE

Employee cleared for work.

Badge Switches OFF

Resets before next shift.

ASB-1 Smart Tag

care.ai

Your first line of defense against the spread of infectious disease and managing visitor populations.

Our contactless temperature detection solution captures and analyzes skin temperature readings in real time. Additionally, the care.ai solution comes with voice-enabled commands that automatically alert patients and visitors with vital information, saving significant time for caregivers while also minimizing potential exposures.

Negative Result

1. Temperature result below 100°F
2. User identifies with badge
3. Command Center

Positive Result

1. Temperature result at or above 100°F
2. Staff receive alert notification
3. All logging activity logged and time-stamped in IDA Command Center

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Online pre-arrival check-in / registration

Our prior to arrival or point of arrival intake process creates an efficient and contact-free way for visitors and vendors to complete symptom attestation, vaccine attestation and temperature screening prior to entry into your facilities. Additionally, as government mandates pertaining to Smart Entry continue to evolve, the care.ai Platform provides a unified view into all screening activity across the Enterprise.

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Stay informed from anywhere, anytime, on any device

The care.ai™ IDA Platform automatically sends critical alerts to designated team members through the IDA Command Center, IDA Mobile or SMS text, so that immediate action can be taken.

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Empower your compliance reporting process with the care.ai Smart Entry™ solution

The IDA Platform provides compliance reporting for all entry screening activities.

With the integrated active screening solution from care.ai™, users can perform compliance reporting for surveys with the single click of a button. By clicking on the "Export" button, the day's full list of screening activity can be exported as the digital screening log for all persons entering the facility.

The screenshot displays the care.ai Smart Entry interface. On the left, there's a sidebar with navigation options like 'Home', 'Screening', 'Reports', and 'Settings'. The main area shows a table of screening activities with columns for Date, Time, Location, and Status. A detailed report for a specific date (05/05/2021) is shown on the right, listing individual screening events with timestamps and locations.

Smart Care Facility Operating Platform

Clinical Workflows | Operational Workflows

The diagram illustrates the Smart Care Facility Operating Platform, centered around a 3D model of a hospital building. It categorizes workflows into Clinical and Operational, each with four main components: Smart Entry, Self-aware Room®, Smart Facility, and another Smart Entry/Room/Facility component.

- Clinical Workflows:**
 - Smart Entry:** Attestation Compliance, Employee Clock-in/out, Visitor Management, Vaccine Attestation, Regulatory Compliance (OSHA, CDC)
 - Self-aware Room®:** Incontinence Monitoring, Fall Prevention, Pressure Ulcer Prevention, Virtual Connections with Loved Ones, Automated ADL Documentation, Virtual Rounding
 - Smart Facility:** Room Management, Smart Waiting Room, Smart Exam Room, Duress Protection, Operating Room Management
- Operational Workflows:**
 - Smart Entry:** Attestation Compliance, Employee Clock-in/out, Visitor Management, Occupancy Awareness, Vaccine Attestation
 - Self-aware Room®:** Rounding Adherence, Bedside Shift Reporting Adherence, Patient/Staff Ratio Tracking, Environmental Awareness (occupancy, temp, air quality, UV emission, noise pollution, etc.)
 - Smart Facility:** Room Management, Utility Room Management, Hand Hygiene Compliance, Environmental Awareness, Operating Room Efficiency Monitoring
