



Reviving Healthcare: How Lean Transformed a Decertified Facility

San Francisco Department of Public Health Laguna Honda Hospital & Rehabilitation Center Sandra Simon & Youngjae Kim

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Memorize the shapes "IN ORDER"

1

4

7

2

5

8

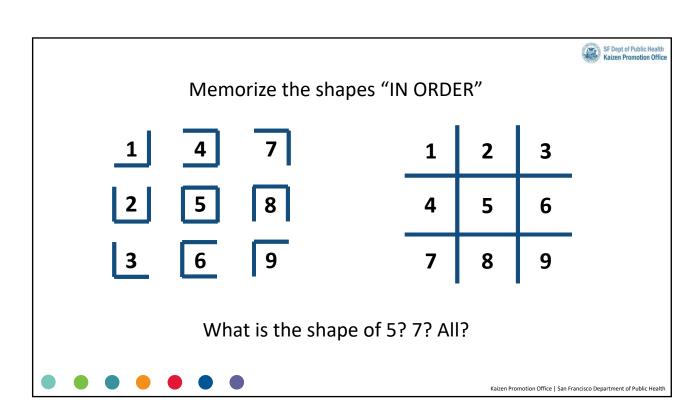
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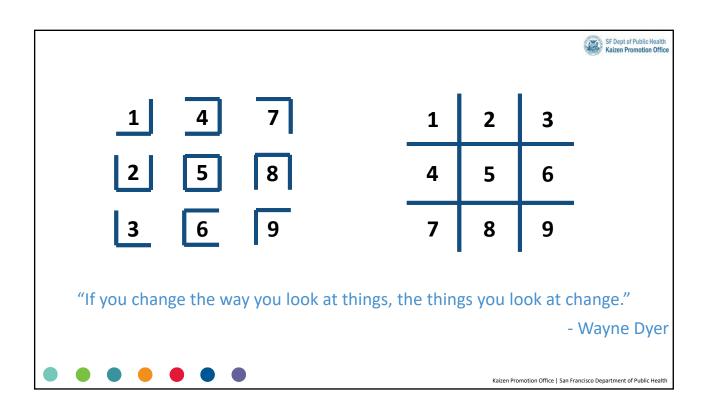
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9

Who memorized all nine (9) shapes? Who's fault is it?











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Background of the Activity

- Although the beads market is controlled by a small group of firms due to significant barriers to entry, it's highly competitive and capital-intensive.
- Company Y2K is experiencing a high turnover in staff
- DPH is opening an opportunity to the LEI Summit members to support the needs at Company Y2K







Reassignment Job Postings





- 4 Willing Workers: Must be willing to put forth best efforts. Minimum requirement is to be a LEI Summit member; no additional education or experience requirements.
- 1 Inspector & 1 Scribe: Must be able to distinguish red from white; able to count to 50.
 Minimum requirement is to be a LEI Summit member; No additional education or experience requirements.
- 1 Facility Leader: Too busy to visit the facility and observe the operation, makes decisions for the entire facility only using the data provided
- Observers: Remaining participants





History

- Prior to the activation, there has been a review of the performance at Company Y2K, and there is a possibility this facility might close.
- Due to the current state of the facility, you need to understand that the continuation of your job depends on your own performance, so long as *you collect enough white beads, you WILL have jobs*.



Activity Run #1



Red Bead Experiment Data

Output per Worker

Name	Day1	Day 2	Day 3	Day 4	All 4
Bob	14	10	9	10	43
Dorothy	12	5	13	5	35
Henry	15	6	4	9	34
Calvin	8	8	9	7	32
Carol	10	11	10	8	39
Judy	6	11	10	10	37
All 6	65	51	55	49	220
Average	10.8	8.5	9.2	8.2	9.2





Run #2



- The management has decided to put on a numeric goal: no more than 5 red beads per employee in any workload. Zero to five are acceptable, but not more than five (5). The standard production per person per day is fifty (50) beads per day. No more, no less.
- If more than five (5), the inspectors will record it, and it will go on your record. All you have to do is to follow the procedure rigidly, no departure, no comments, no questions.
- Good performers will be given merit raises, while poor performers will be put on probation.

Run #2 Data



Red Bead Experiment Data

Output per Worker

Name	Day1	Day 2	Day 3	Day 4	All 4
Bob	14	10	9	10	43
Dorothy	12	5	13	5	35
Henry	15	6	4	9	34
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All 6	65	51	55	49	220
Average	10.8	8.5	9.2	8.2	9.2





Run #3



- Somebody in the management came through with a fantastic suggestion, a new style of management.
- Instead of closing the program down, they are going to keep it open, keep it going.
- We will work on two shifts/staff to keep up the production and give two shifts/staff to the best workers. The other two staff will no longer be working for the facility.
- Looks at the best result If the top formers can make X red beads, anybody can make X red beads.
 That should be the limit and no questions about it.

Run #3 Data



Red Bead Experiment Data

Output per Worker

Name	Day1	Day 2	Day 3	Day 4	All 4
Bob	14	10	9	10	43
Dorothy	12	5	13	5	35
Henry	15	6	4	9	34
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Observations

- The container seemed to have as many red beads as white beads
- The trainer/demonstrator couldn't get below 5 red beads
- Staff can't change anything, but they are held accountable for performance they can't achieve
- No collaboration, communication, consistency, confidence, and commitment
- Understand the issue(s) after the work has been done by reliance on inspection
- Facility leader made decision(s) around goals and best employees solely based on data without understanding what's actually happening in the facility (i.e., behaviors, systems, culture)

Who took the responsibility and/or accountability for these results?

Who should it have been?



Lessons Learned

- The staff know the issues and problems better than anyone else within or outside of the organization leaders need to engage their staff to make improvements.
- If the causes aren't immediately evident, then leaders and workforce manager need to find the skills, tools and expertise that will help us understand the root causes.
- Understand how crucial middle management is if you are running a team, section, division and/or program, you are setting the tone and pace.
- You (leaders) are either going to be seen as a coach and supporter to the growth and development of capabilities and knowledge for yourself and others, or as a regulator, enforcer, controller.
- To close the gap, the leaders need to create an environment to have open and honest conversation and communication, where people can come together and say,
 - How are we setting performance standards and expectations?
 - Are you using data and information correctly, or are you miss-interpreting variation?
 - Can you set an environment in which you treat failure as a good thing and an opportunity to learn?







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About Laguna Honda Hospital (LHH)

Who we are

- One of the largest skilled nursing facilities in the country, represented the most extensive commitment by any city or county to therapeutic care for seniors and adults with disabilities
- General acute care hospital (licensed capacity, 780 beds) providing acute medical and rehabilitation services (11 beds), and skilled nursing services (769 beds)
- Rich history of caring for San Franciscans, dating back to 1866
- Part of Department of Public Health's San Francisco Health Network
- Uniquely organized into 13 specialized nursing and rehabilitation programs



San Francisco Health Network Laguna Honda Hospital and Rehabilitation Center





About Laguna Honda Hospital



OUR MISSION

To provide a welcoming, therapeutic, and healing environment that promotes the individual's health and well-being



OUR VISION

To build healthier lives as the leader in postacute care.

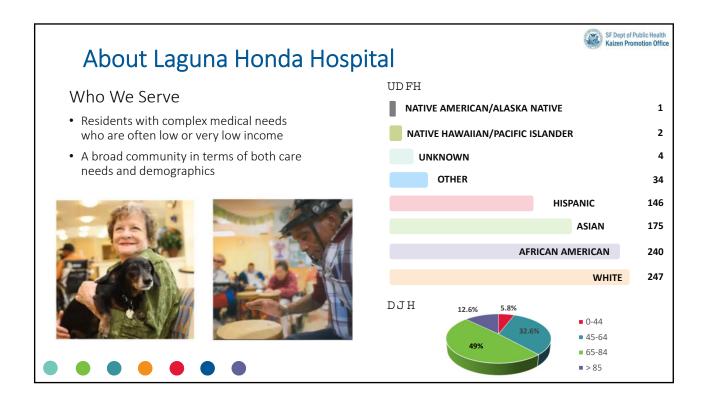


OUR VALUES

- Resident centered care
- Compassion
- Professionalism
- Competency

- Teamwork
- Collaboration
- Integrity
- Communication











Key Recertification Initiatives – Action Plan

- The settlement agreement with CMS and the CDPH paused the involuntary transfer and discharge of residents and extended payments included a Quality Improvement Expert (QIE).
- LHH in partnership with the QIE, identified the root causes from the findings identified during the surveys.



QIE Action Plan & QAPI



Plan_Cause_ Milestone	TASK	EXECUTIVE SPONSOR	DELIVERABLE AND/OR MONITORING METRIC	QM Status Y
EPP_RC1_Milestone 1	Milestone 1: LHH Executive Team has selected Everbridge as a secondary mode of communication. Everbridge is an electronic alert system used to communicate critical, real-time information to staff during emergencies through text message, phone calls, and emails. It is used by a wide variety of facility and county EMS agencies in California.		Minutes from LHH Executive Leadership meeting	Approved by QIE
Staff Training_RC1_Milestone 1	Milestone 1: Perform environmental scan of SNF-related certifications and/or credentialing that are available in the SNF industry, including, but not limited to, nursing home administrator license, certified medical director, certified director of nursing, infection prevention certification, education/training, and RAC-CT certification.		Environmental scan report with results regarding SNF licensures, credentials, and certifications	Approved by QIE
Care Plans_RC1_Milestone 1	Milestone 1: Complete a crosswalk to the phase 3 requirements and best practices to update policies and procedures related to MDS and care plans.	Commission of the Commission o	Policy and procedures with track changes	Approved by QIE
Resident Rights_RC1_Milestone 1	Milestone 1: LHH will identify the team members responsible for completing rounds	Chief Executive Officer (CEO)	List of team members	Approved by QIE
Med. Mngmt_RC1_Milestone 2	Milestone 2: Review and revise medication self-administration assessment tool to align with regulations.	СРО	Updated assessment	Approved by QIE
BH & SUD_RC1_Milestone 1	Milestone 1: Secure external consultant's report that investigates alternative models to meet resident behavioral health needs utilizing industry standards and meets regulatory compliance.	CEO/CMO	Consultant Report	Approved by QIE
QAPI_RC1_Milestone 1	Milestone 1: Outline the required members, their purpose and role, in the QAPI/QAA subcommittees for nursing units to include the topics of (1) psychotropic medication and behavior monotoring, (2) restraints and falls, (3) nutrition and wounds, and (4) infection control and antibiodic stewardship.	Chief Quality Officer (CQO)/Chief Nursing Officer (CNO)/Chief Medical Officer (CMO)	Committee charter	Approved by QIE

Based on the **root causes** identified from the analysis, the LHH team came together to develop an action plan that was submitted to CMS to keep Laguna Honda Hospital accountable to make leap in the improvement efforts. LHH went through four action plans resulting in 1000+ action items, over the course of 18 months.



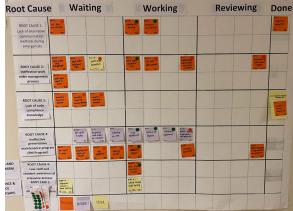


Kanban/Job Boards









Each of the departments tracked their own action item milestones using a simple Kanban board. Each post-it included the unique identifier, topic, deliverable needed, start date and end date. Red dots indicated to signal help, while green meant the item was on track.

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Successful Lean Culture



WHY IS IT DIFFICULT TO IMPLEMENT A SUCCESSFUL LEAN CULTURE?



Everyone needs to accept and acknowledge that 'The way we currently operate is NOT ACCEPTABLE', not just 'We need to IMPROVE the way we operate'.

It requires almost completely different approach in day-to-day management, compared to anything with which everyone is familiar or comfortable with.

Four Core Components





Leader Standard Work



Visual **Controls**



Daily Accountability Process





Discipline

Know your processes and outcomes; Remove barriers to achieve the goal.

"Are we winning or losing?" "How do we know?" "What are we measuring?"

"What actions are we taking today?" The purpose for daily accountability process in lean management is to

The first three will not amount to anything without the discipline to execute these elements as designed and intended. It is the fuel that powers the engine that makes the entire system go.

The purpose for leader standard work in lean management is to help a leader see what needs to be done and what doesn't need to be done

The purpose for visual controls in lean management is to focus on the process and make it easy to compare expected versus actual performance.

ensure that focus on process leads to action to improve it.

"Were actions completed as expected?"

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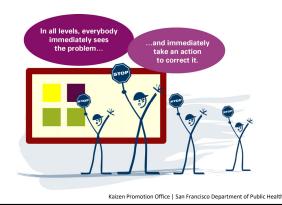


Leader Standard Work

Leader Standard Work, sometimes called "kaizen for management", changes the role of managers from being the primary problem solvers to building the problem-solving capability of employees. Because traditional management activity does not support a culture of daily problem solving, the shift in management's role is needed to build the new culture and support the lean operational changes made during a transformation.

Along with planning activities that are carried out on at less frequent intervals, day-to-day leader standard work consists of five major tools:

- Gemba walks
- Reflection meetings
- Response to Andons
- Creating accountability
- Mentoring people





Observing Standards









	Good Result	Bad Result
Good Process	Expected	Not possible – process is bad
Bad Process	Lucky	Expected

quipment Storage Standard Work Reliabilit

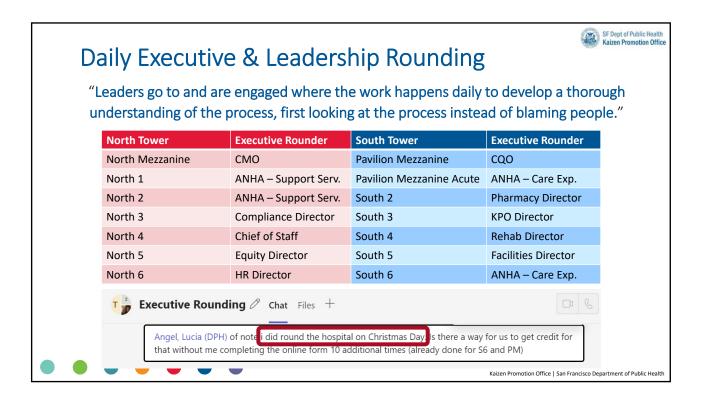
Root Causes

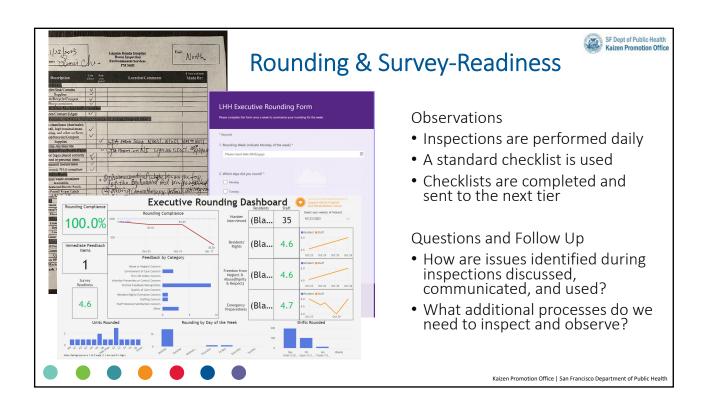
- Standards do NOT exist
- Current standards do NOT produce results
- Current standards are NOT implemented

We need to shift our focus from:

"get the results, I don't care how" to "control and measure the process to achieve the results"











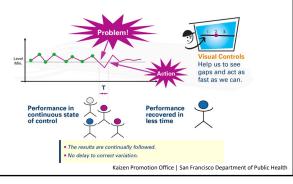


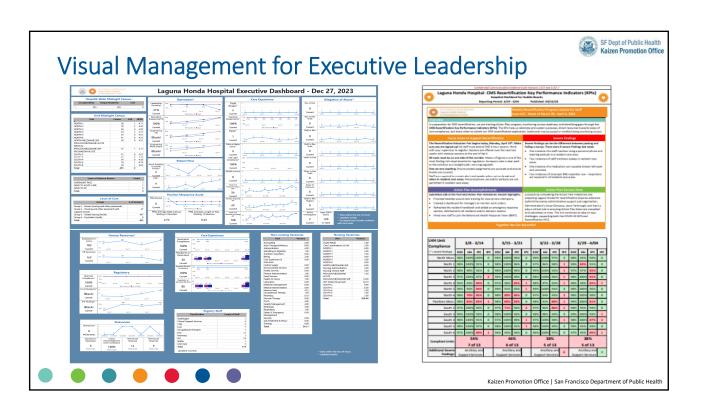
"We are transparent about problems and barriers, and approach improvement in a structured way, based on careful examination of root causes & challenges."

• The <u>Visibility Wall</u> is to give an overview of the 'department'. It allows visibility of what the area is working on to close gaps in performance. It focuses on the process and actual performance. This is most frequently used by the managers and front-line leaders.

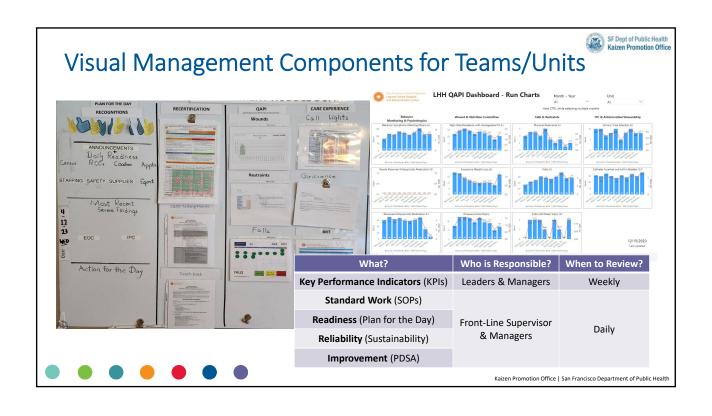
Should answer the following at a glance:

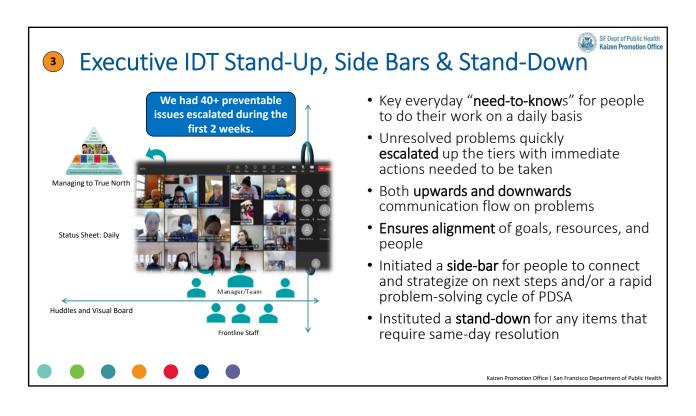
- 1. What is the process we are watching?
- 2. Are reliable methods being followed?
- 3. Is the process meeting the target condition?
- 4. Are we achieving the expected results?
- 5. What is the next step or improvement that has been identified?



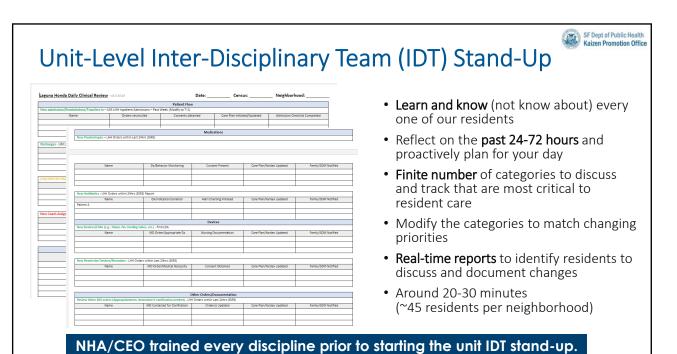












Purpose of Huddle with Visual Management

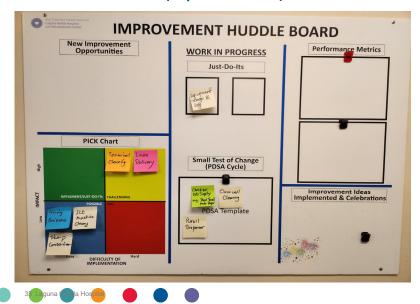
- Learn and understand your operations clearly and accurately
- Make problems visible and identify what problem(s) to solve
- Facilitate the improvement process using a structured and scientific method
- Sustain the improvements







Huddle Board (April 2022)



Standard across all units

- Nursing
- Facilities
- Environmental Services
- Food & Nutritional Services
- Dietician
- Care Experience
- Medicine
- Etc.

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How Can We Deliver Value To Our Residents?

PLAN FOR THE DAY (READINESS)

- Who/what can we recognize and/or celebrate?
- What happened during the last shift or yesterday that I should be aware of?
- What else do I need to know for the shift/day?
- What's the plan today to ensure we get through the shift/day?
- Any issues we need to troubleshoot today?

KPIs & SUSTAINABILITY (RELIABILITY)

- How are we doing in delivering value to our residents?
- What areas of performance are we doing well?
- Where do we have areas of opportunities to improve?
- Which processes are not consistently following the current, clearly defined, approved, and trained standards and why?

IMPROVEMENT

- What is one problem we can work on?
- What are the *reasons* why we are having this problem?
- · What can we do differently?
- What is one thing we can try to experiment today?
- When can we go see the results?

Every staff in the facility (1500+) received the training prior to engaging in the huddle.



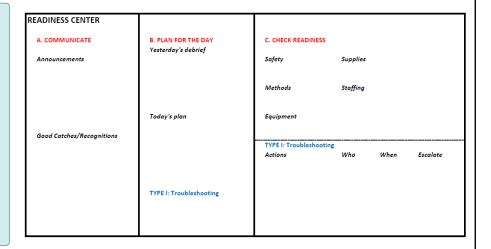
Readiness Center

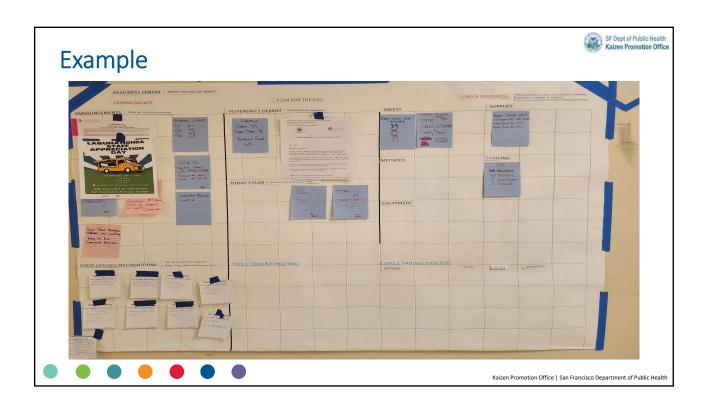
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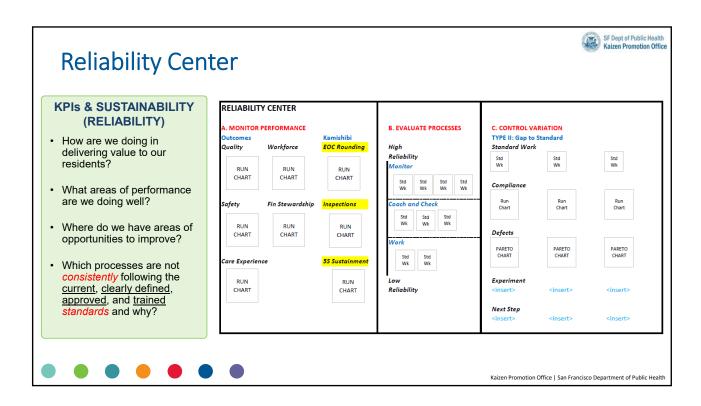
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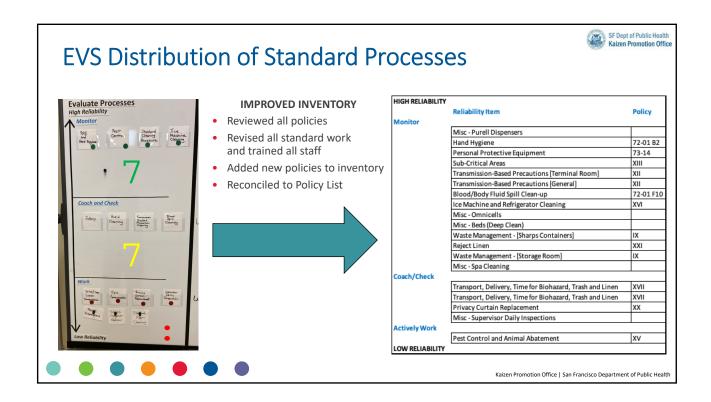
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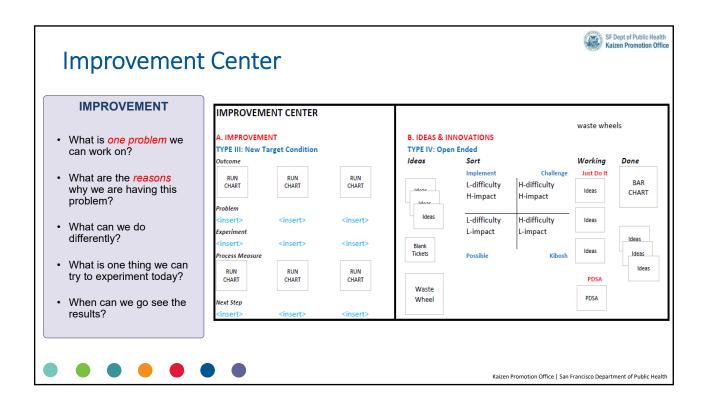


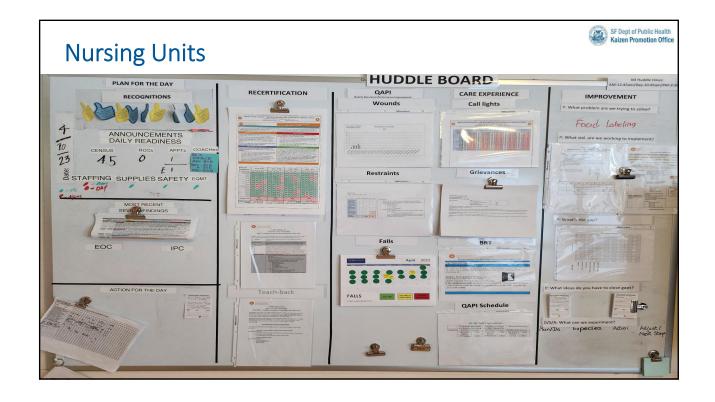














Equipment Storage 5S/Kaizen















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IDT, Huddles, QAPI & Sustainability Effort Results







15% to 90+% compliance



Call Lights

Area of concern to 95%+ compliant with industry standard of under 7 minutes



Restraints

700+ to 20 restraint devices



Expired Food Items

18 findings per day to ≤ 2 findings per week



Wounds

60+ active Pressure injuries (PIs) to ≤ 30



Meal Tray Accuracy

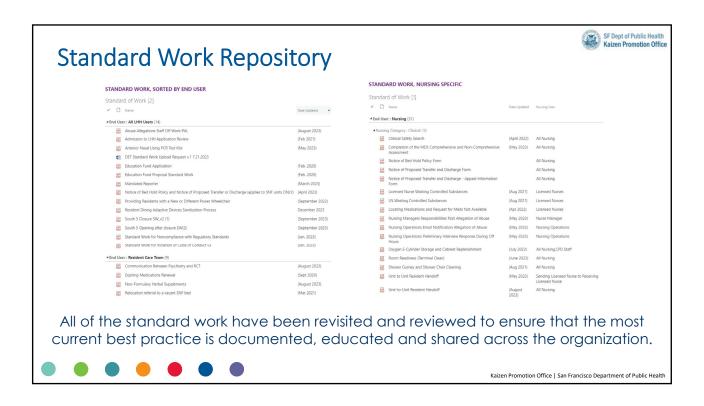
Average of 98.5% for the past 6 months

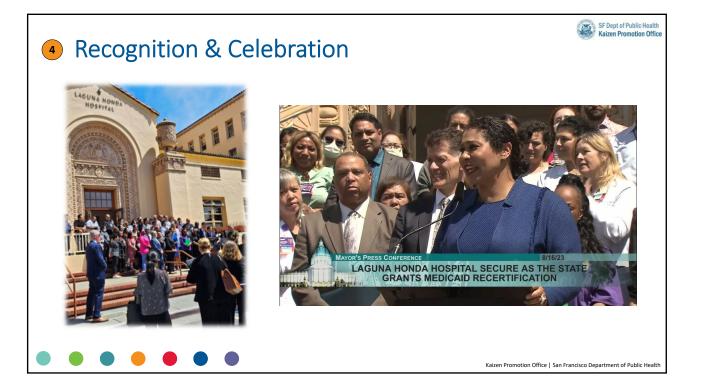


Purell Dispensers

Average of 30% "broken" Purell dispensers to < 5%













Welcoming a New Era of LHH Leadership





Sandra Simon, Nursing Home Administrator and Chief Executive Officer



Jennifer Carton-Wade, Assistant Nursing Home Administrator



Diltar Sidhu, Assistant Nursing Home Administrator



Dr. Albert Lam, Medical Director/ Chief Medical Officer



Elizabeth Schindler, Director of Kaizen Promotion Office



Tracey Brown,
Director of Nursing



Lily Conover, Chief Financial Officer



Nawzaneen Talai, Chief Quality Officer



Eugenio Ocampo, Director of Pharmacy

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Special Thanks To:















