



## Agenda



Peel Senior Link



The Issue



Diagnostic Journey



Aviation and Community Health – What's the link?



Results



Conclusion

## Peel Senior Link



# Our Impact (2017-2018)



**Total Clients Served** 325



ER Visits Diverted 103





New Clients Served 103



Dollars Saved With Diverting ER Visits \$40,929\*



Long-Term Care Diversions 36



Total Resident Days
Per year
117,530







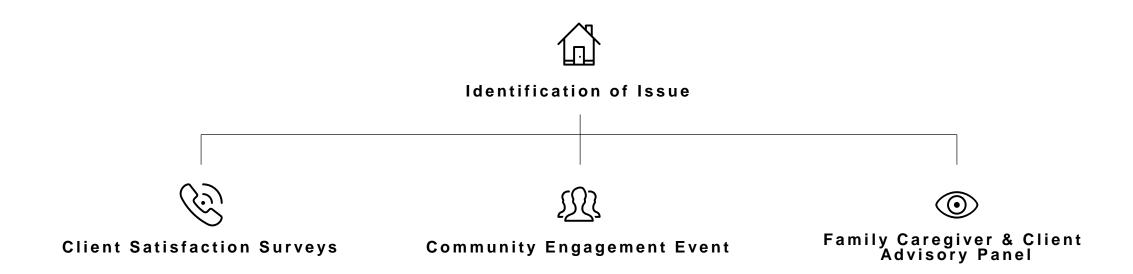
## The Issue



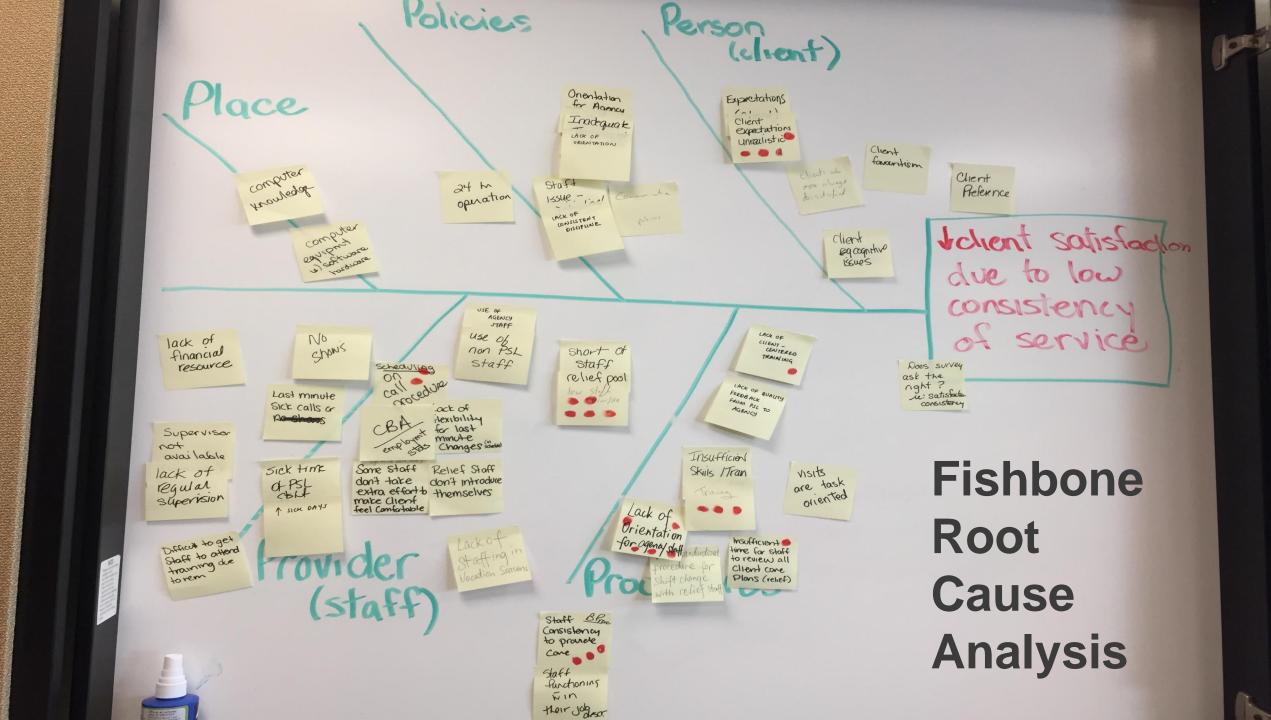
The Issue

Low consistency of service delivery





## Diagnostic Journey



# Driver Diagram

### Driver Diagram



#### **AIM**

Start with a clearly defined measurable goal



#### **BRAINSTORM**

- Generate change ideas
- Cluster ideas for common drivers
- Each driver with clear definitions and measurements



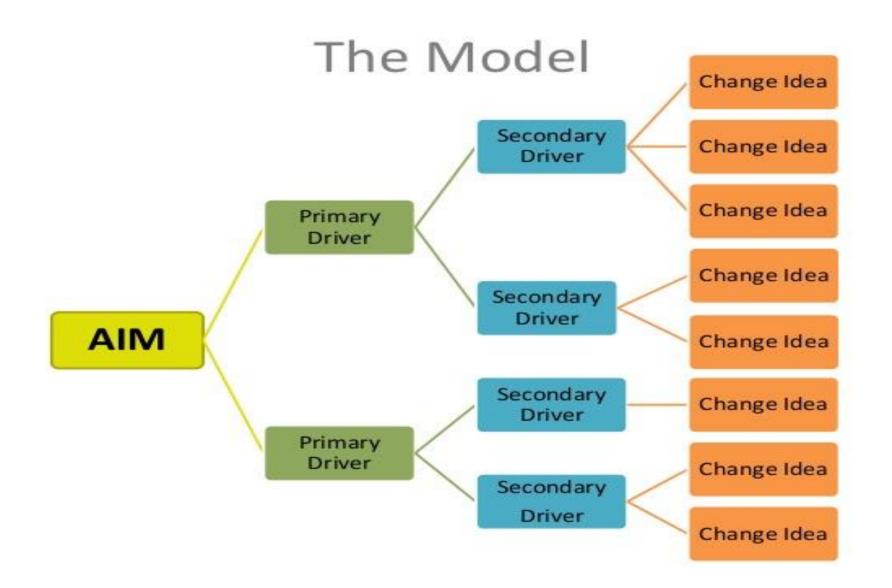
#### LINKS

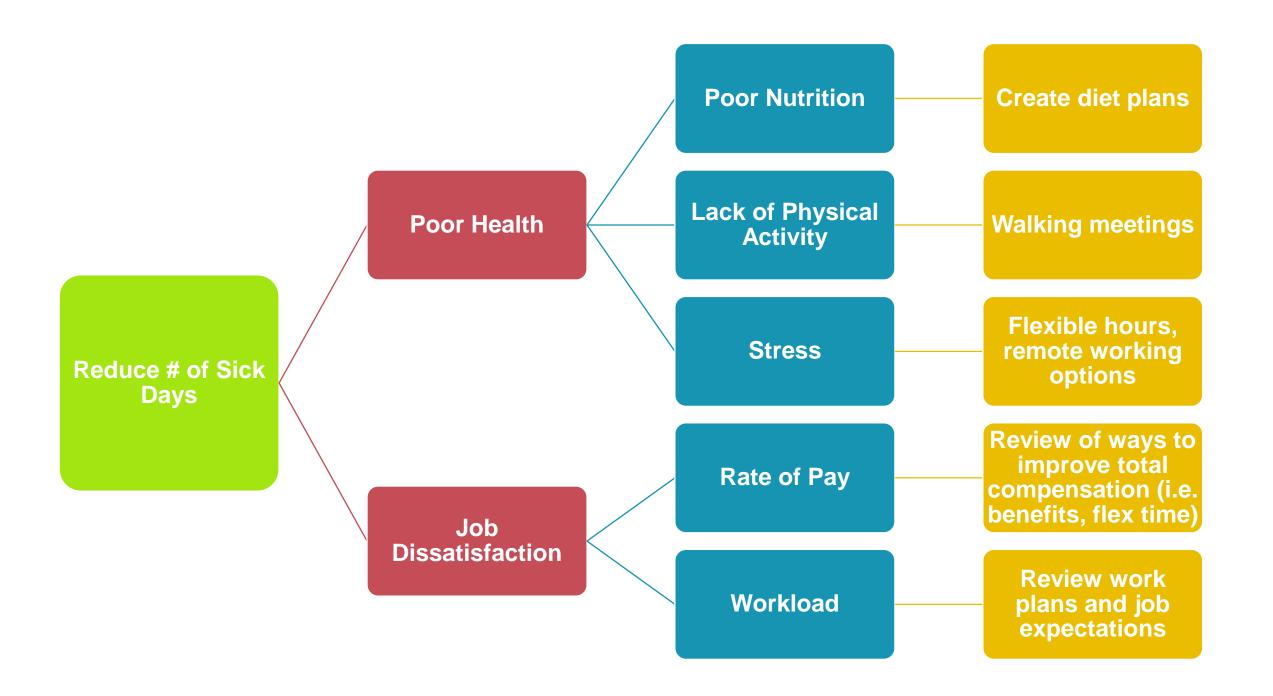
Create primary, secondary and tertiary drivers



#### **ACTIONS**

Add the solutions for each driver





## CASE STUDY ACTIVITY

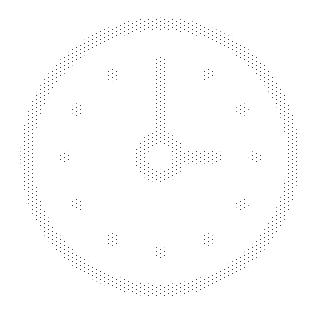
## Case Study #1

Peel Senior Link, a not for profit organization providing personal support worker and home helper services to seniors living independently in the community, had identified an opportunity to improve consistency of care to their clients.

The problem that was identified was that when PSL or Agency relief staff filled in for regular staff that were away, clients felt that they didn't receive the same care, and that the replacement staff didn't know their routine or what they required. It was decided that a working group would be formed to discuss the issue and to go on a diagnostic journey to determine a change idea that could be implemented across the organization. When the working group met, they used the a fishbone diagram to determine the top reasons why services were not consistent. Some of the top issues that were identified were:

client expectations shortage of staff/staff availability lack of training

Using the information above, and the template provided, work in groups to fill in the driver diagram to identify your own change idea.

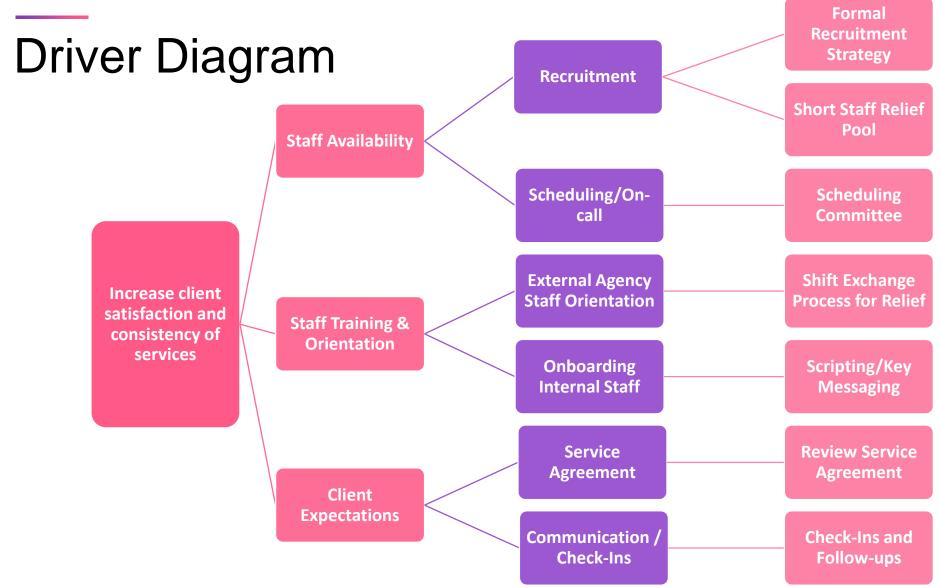


## BREAKOUT & DISCUSSION

10 minutes

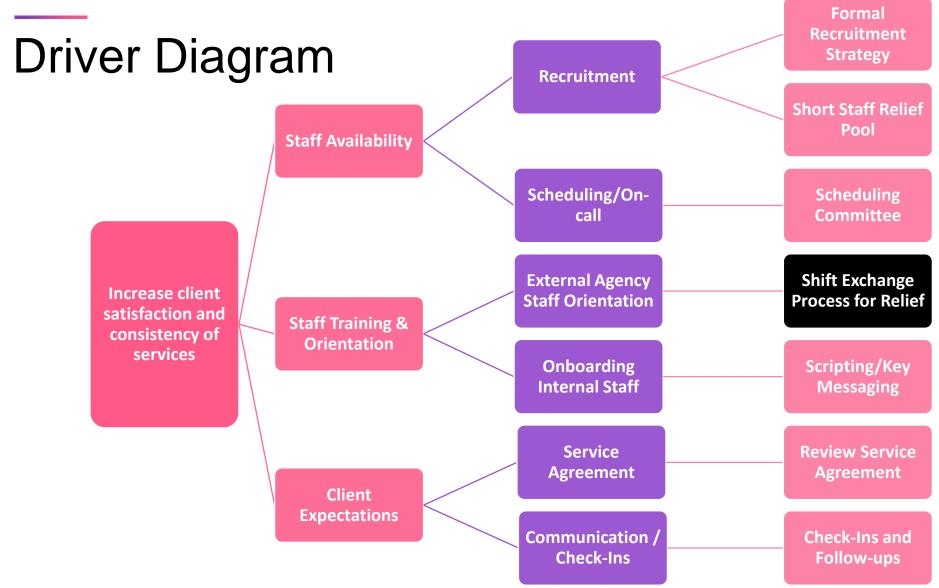


QI Tools





QI Tools







#### **OUR THEORY**

"If we improve or develop a standardized shift exchange process, we will be able to improve the consistency of care our clients receive regardless of who provides the service."

#### SMALL DOT (PROJECT) AIM

"By August 10<sup>th</sup>, 2018, 90% of clients completing our project survey report that they are satisfied or very satisfied with the care and consistency of service they receive."

#### BIG DOT (SYSTEM) AIM

"By March 31st, 2019, 90% of clients completing our Client Satisfaction Survey report that they are satisfied or very satisfied with the care and consistency of service they receive."

## Checklists



## History of Checklists



Boeing
Model 299



Douglas Aircraft



Glenn L. Martin
Martin 146

Superior

Faster

Fly farther

Carry more payload





## First checklist was born!

FOCUS ON THE WHY?

#### 15-CHECKED

√alves & Switch—OFF

-Cold

NCAGED

aut-off Switches-OPEN

r Switch-NEUTRAL

swl Flaps-Open Right-

OPEN LEFT-Locked

- /. Turbos-OFF
- 11 Idle cut-off-CHECKED
- 12. Throttles-CLOSED
- 13. High RPM-CHECKED
- 14. Autopilot-OFF
- De-icers and Anti-icers, Wing and Prop—OFF
- 16. Cabin Heat-OFF
- 17. Generators-OFF

#### STARTING ENGINES

- 1. Fire Guard and Call Clear-LEFT Right
- 2. Master Switch-ON
- Battery switches and inverters—ON & CHECKED
- Parking Brakes—Hydraulic Check—On-CHECKED
- Booster Pumps—Pressure—ON & CHECKED
- Carburetor Filters-Open
  - el Quantity—Gallons per tank engines: both magnetos on

a revolution

- 1. Brakes-Locked
- 2. Trim Tabs-SET
- 3. Exercise Turbos and Props
- 4. Check Generators-CHECKED & OFF
- 5. Run up Engines

#### BEFORE TAKEOFF

- 1. Tailwheel-Locked
- 2. Gyro-Set
- 3. Generators-ON

#### AFTER TAKEOFF

- 1. Wheel-PILOT'S SIGNAL
- 2. Power Reduction
- 3. Cowl Flaps
- 4. Wheel Check-OK right-OK LEFT

#### BEFORE LANDING

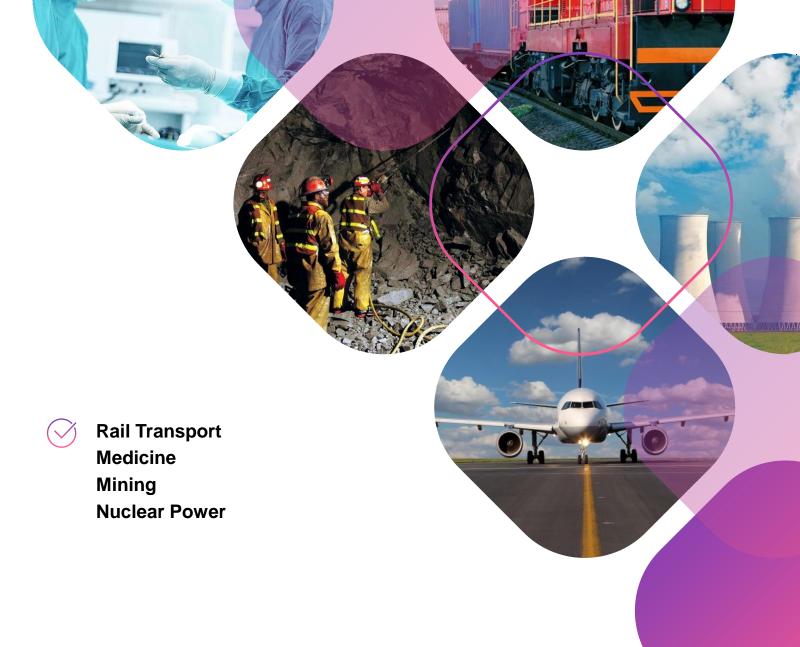
- 1. Radio Call, Altimeter-SET
- 2. Crew Positions-OK
- 3. Autopilot-OFF
- 4. Booster Pumps-On
- 5. Mixture Controls-AUTO-RICH
- 6. Intercooler-Set
- 7. Carburetor Filters—Open
- 8. Wing De-icers-Off
- 9. Landing Gear
  - a. Visual—Down Right—DOWN LEFT
     Tailwheel Down, Antenna in, Ball
     Turret Checked
  - b. Light-OK
  - c. Switch Off-Neutral
- 10. Hydraulic Pressure—OK Valve closed
- 11. RPM 2100-Set



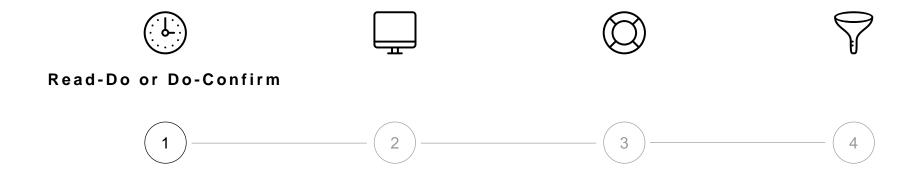
## Current use

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**Aviation Gold Standard** 







Read-Do: staff carry tasks and check-off as they complete them

Do-Confirm: uses memory and experience. After completion, confirm if checklist is followed





Put in all the steps that are required to carry out the tasks intended Focus only on critical steps





Avoid unnecessary colours

Avoid jargon

Follow a predictable order





Let the team using it have a say in it

Customize based on feedback

Complete multiple PDSA cycles



## CHECKLIST ACTIVITY



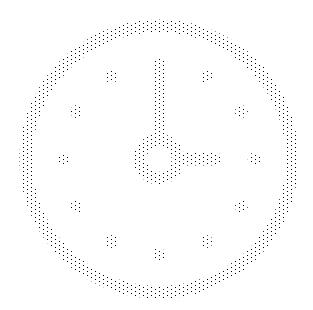
#### CHECKLIST ACTIVITY

You are a caregiver of an elderly parent and are hiring a PSW to provide care for the very first time (half-day).

You have a full-time job and you are concerned that your parent will not get the consistency of care as he/she will be served by different PSW's on a daily basis.

Create a checklist that outlines the critical steps involved in your parent's care.





## BREAKOUT & DISCUSSION

10 minutes



Peel Senior	Link
helping seniors live inde	pendenti

#### SHIFT EXCHANGE CHECKLIST

All staff, including relief staff from Peel Senior Link or an external agency, are expected to follow each step listed below during Shift Exchanges.

Arrivo at Sito	Information 🔃	Prepare to leave for	
Arrive at Site	Exchange	Client's Home	
Greetings/ Introduce yourself ☺  Name Site/agency Shift & team you are covering Identify outgoing staff to exchange with Sign-In to General Communications Binder For non-PSL staff: take a relief PSW name badge Ensure outgoing staff returns the following paperwork: Daily Shift Duties (Shred at each Shift Exchange) Shift Exchange Report (Shred once daily at Morning Shift Exchange)			
	Sheet  Lock Narcotics Box	<ul> <li>Don't forget to introduce yourself to each client</li> </ul>	





### WHERE TO FIND DOCUMENTS/MEDS

General Communication Binder	Purpose: General communication messages (e.g. medication status & orders, head office memos, supervisor updates etc.)     Location: Filing Cabinet   Binder Colour: Lime Green		
Shift Exchange Report/Daily shift duties/Shower Schedule	<ul> <li>Purpose: To make important notes during their shift and to assist in passing information to incoming staff/Reference to guide client duties during each shift and client preferences</li> <li>Location: Daily Shift Duty Binder   Binder Colour: Yellow</li> </ul>		
Narcotics Count Sheet	Purpose: To accurately count, record and monitor narcotics     Location: Narcotics Lock Box (in Filing Cabinet)		
Narcotics Lock Box	Purpose: Safely store narcotics     Location: Filing Cabinet (locked)		
MAR Sheet	Purpose: Document the activity of medication administration     Location: Filing Cabinet (Individual med bags)		
Safety Incident Report	<ul> <li>Purpose: To document any near misses or incidents for both staff and clients that happened or reported during the shift</li> <li>Location: Filing Cabinet</li> </ul>		
Whiteboard	<ul> <li>Purpose: Quick notes, important messages, client in/out, hospital visits, etc.</li> <li>Location: On the wall</li> </ul>		

## Results

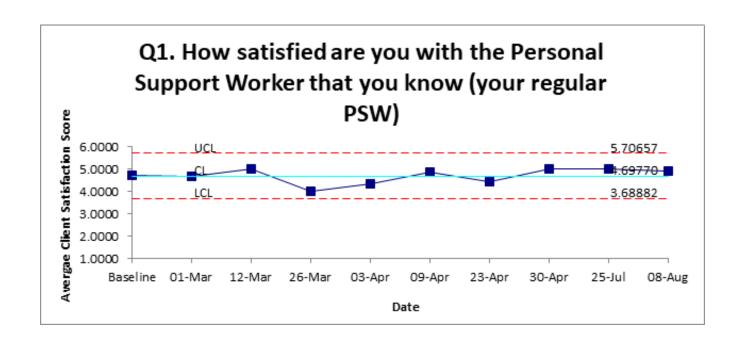


## Satisfaction Scores

Minimal changes in regards to client satisfaction related to regular staff they are familiar with

Baseline: 4.7

Post-Change: 4.9



Very Satisfied	Satisfied	Neither Satisfied/ Dissatisfied	Dissatisfied	Very Dissatisfied
5	4	3	2	1

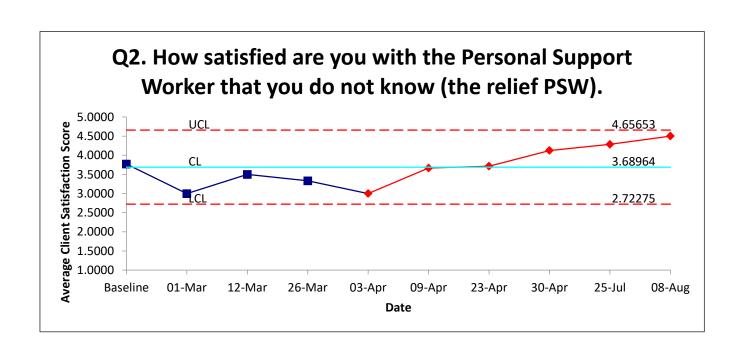


## Satisfaction Scores

Increasing trend in data; clients are becoming more satisfied with relief staff

Baseline: 3.7

Post-Change: 4.5



Very Satisfied	Satisfied	Neither Satisfied/ Dissatisfied	Dissatisfied	Very Dissatisfied
5	4	3	2	1

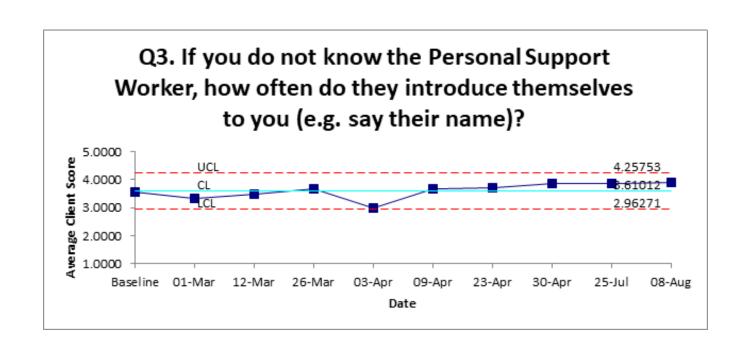


## Satisfaction Scores

Steady increase in client reports of staff introducing themselves appropriately

Baseline: 3.5

Post-Change: 3.9 (97.5%)



Always	Sometimes	Rarely	Never
4	3	2	1

How do staff feel about this change?

82% of staff

agree or strongly agree
that the change will help
incoming staff provide
more consistent care

How do staff feel about this change?

80% of staff

agree or strongly agree
that the change will help
themselves provide more
consistent care

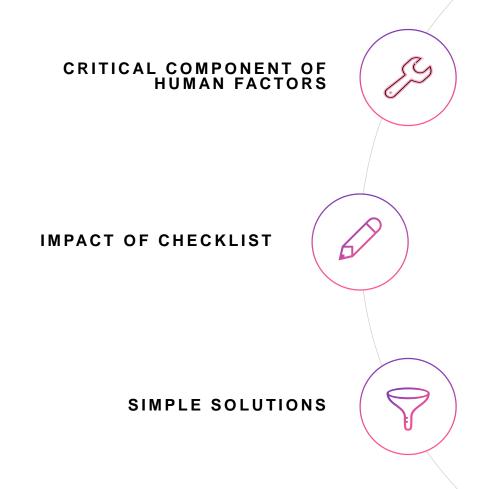




## CONCLUSION



## Three important values





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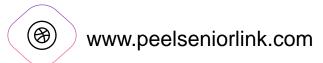
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Peel Senior Link

## Thank you











### References

- ↑ THE CHECKLIST MANIFESTO: HOW TO GET THINGS RIGHT
  - Gawande, A. (2010). The checklist manifesto: How to get things right. New York: Metropolitan Books.
- BACK TO THE BASICS: CHECLISTS IN AVIATION AND HEALTHCARE
  - Clay-Williams, R. & Colligan, L. (2015). Back to the basics: checklists in aviation and healthcare. *BMJ Quality & Safety, 24*(7), 428-431. doi:10.1136/bmjqs-2015-003957
- AN ANALYSIS OF THE EFFECTIVENESS OF CHECKLISTS WHEN COMBINED WITH OTHER PROCESSES, METHODS AND TOOLS TO REDUCE RISK IN HIGH HAZARD ACTIVITIES

Higgins, W. & Boorman, D. (2016). An analysis of the effectiveness of checklists when combined with other processes, methods and tools to reduce risk in high hazard activities. *Boeing Technical Journal*.

- 1 HOW MISTAKES CAN SAVE LIVES: ONE MAN'S MISSION TO REVOLUTIONISE THE NHS
  - Leslie, I. (2014, June 4). How mistakes can save lives: one man's mission to revolutionise the NHS. *New States Man America, Observations.*