CPI Reengineered: "Kaizen"

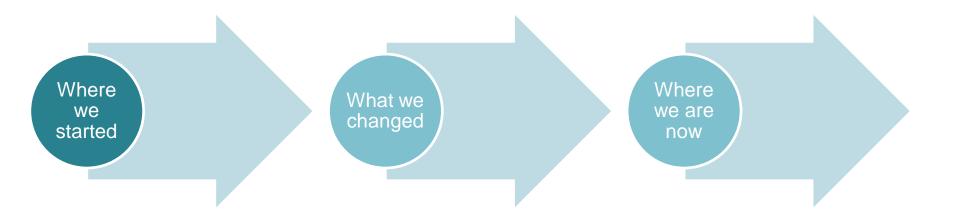
May 20, 2017

By Christina Woodruff





Today we will...







Intent of Continuous Pediatrics Improvement

Generate ideas that lead to increased efficiency

Improve cross-functional collaboration

Develop cohesion across work units (type and location)

Enhance staff engagement in CPI





Background: January 2016, Version 1.0

CONTINUOUS PEDIATRIC IMPROVEMENT									
IDEA PAD									
Owner(s):									
Date:									
Idea/Challenge:									
Suggested Solution:									
Est. Completion Date:									
Date Implemented/Documented:									
Link to Hospital Goals:									
Quality Cost Delivery Safety									
Engagement									

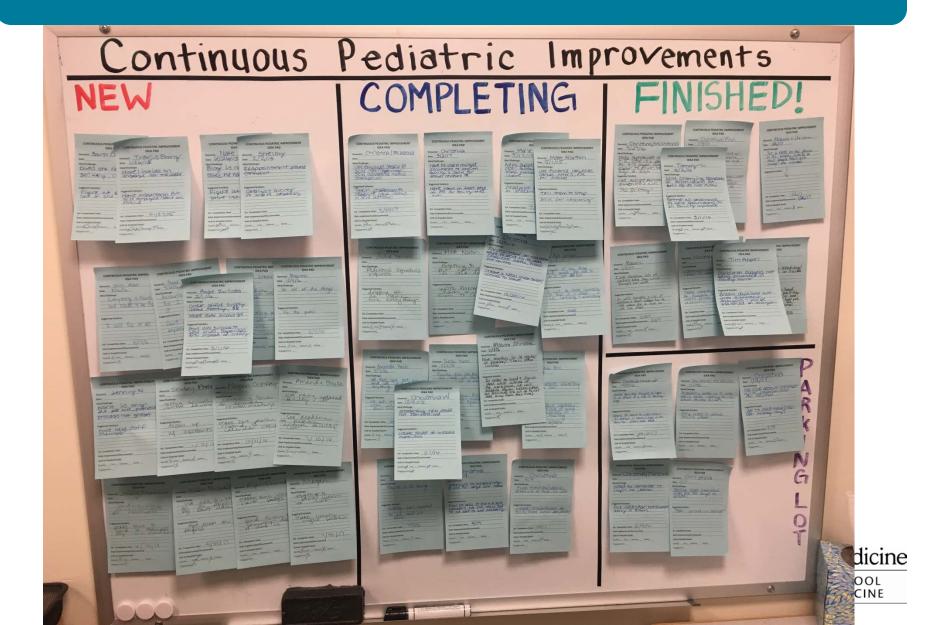
Challenges:

- Required tracking
- Needed approval
- Delayed implementation





Results



February 2016: Kaizen Form Version 1 (Project Form)



Continuous Pediatric Improvement: 30 & 90 Day New Faculty Reviews

OWNER(S): Christina Woodruff, Whitney Whitford	NORKGROUP: Peds Chair's Office	DATE 10 / 07 /15	TARGET END DATE 01 / 30 /16			
DESCRIBE THE PROE 30 and 90 day reviews of new faculty by their division chief and the consistently, if at all. The Chair's office scheduled 90 day reviews once the forms were tu New faculty potentially felt they lacked engagement and support from	Chair were not being completed rned in from the chief.	New process for 30/90 review with all communication and materials coming from the Chair's office a tracked by a spreadsheet. Notices will go out to division heads, assistants and new faculty, prompting them to schedule a meet asking them to contact our office once that meeting has been scheduled. The form will be branded with the UW logo and has a fresh look and added questions. We will be holding division chiefs accountable by scheduling a review with the Chair at 90 days regar the new faculty meeting with the Chiefs.				
Duplication Duplication: Multiple offices working on the process of confusion of new faculty and division chiefs. Duplication: Confusing on who should turn in the form the forms into. Multiple people sending and mailing to Division assistants do not know who to go to with que Waiting: Chair's office waited for forms to be turned into schedule 90 day meetings.	which has caused ms and who to turn he forms Motion: estions. ANNUAL LABOR (@ 5 per min)	No standardized process before. Faculty numbers are growing causing the old process to be the Having multiple communicators causes confusion.				
Inventory: 30 & 90 Day forms not branded and did no on whom to send form to after completion. Inventory Inventory Inventory	ANNUAL MATERIALS (Cost + 15%) \$218,500 TOTAL	CURRENT WORKAROU The Chair's schedule in October and November is proving Did not anticipate confusion from the SCRI Center Director disconnect with division and center assistants. It was decided that the Division Head would meet with ne Director if it made sense.	g difficult to have these scheduled at 90 days. or assistants and have recently had to discuss			
Rework Goal is to have a standardized process, outlining the expectations to the	-	PROJECT GOAL The office control the communication, materials and process, Improved the communication of the control that the communication of the control that the communication of the control that the control	mproving this process can increase faculty engageme			

Goal is to have a standardized process, outlining the expectations to the assistants and Division Chiefs and having one office control the communication, materials and process. Improving this process can increase faculty engagement and retain faculty by having them feel more supported by their senior leaders.

LINK TO HOSPITAL GOAL(S)

- Engagement: New faculty will feel engaged and supported by their leadership, leading to better retention rates.
- · Cost: Better faculty retention rates will reduce costs for recruitments

□ Quality X Cost □ Delivery □ Safety X Engagement

Busy, difficult to understand, time consuming to complete





Challenges with CPI

Felt burdensome for employees

Lacked common language/terminology: Employees from two different institutions

- UW = Lean
- SCH = CPI

Required review and approval process to move forward

Improvement efforts lacked quantification





Revised Objectives: Goals of Kaizen

Shift from "big hairy ideas" to "small incremental improvements"

Quantify department savings

Empower employees to change their work

Minimize employee burden

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Reengineering the Process

April 2016

Re-evaluated process

May 2016

Standardized department language

<u>June 2016</u>

Revised tool & nad staff test new tool

July 2016

Implemented monthly submission





New Process – "Kaizen" = change is good

Standardized language

Simplified form: "walk the problem"

Set submission expectations

Track submissions & estimated savings (monthly)

Kaizen All Stars





Standardized Language: 7 Wastes Overproduction **Defects Transport Motion Inventory** PLEASE **Processing** Waiting

New Process – "Kaizen" = change is good

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Kaizen All Stars





Simplified Form

- 1. Describe the Problem
- 2. Identify Waste (to be minimized/eliminated)
- 3. Estimated Savings/Quantify Waste:

IDENTIFY/QUANTIFY WASTE									
Overproduction	Transport	Motion	Waiting	Processing	Inventory	Defects			
FEELS LIKE:		NNUAL LABOR \$0.81 per min)		JAL MATERIALS Cost + 15%)	TO	OTAL			

• 5 minutes/day x 0.81 per min x 5 days/week x 50 working weeks/year = \$1,012.50

Simplified Form... Continued

- 4. Possible Solutions: Write down potential solutions to the problem. Doing nothing can always be an option
- 5. Proposed Action: Describe the solution picked
- **6. Results Following Implementation:** Track noticeable changes, progress, success and potential failures of change
- 7. Adjustments: Any adjustments following implementation





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Submission Standards

 Staff are expected to submit monthly Kaizen forms – 11 submissions required/year (July– June)

- Next Step:
 - Kaizen efforts will be implemented into staff performance reviews





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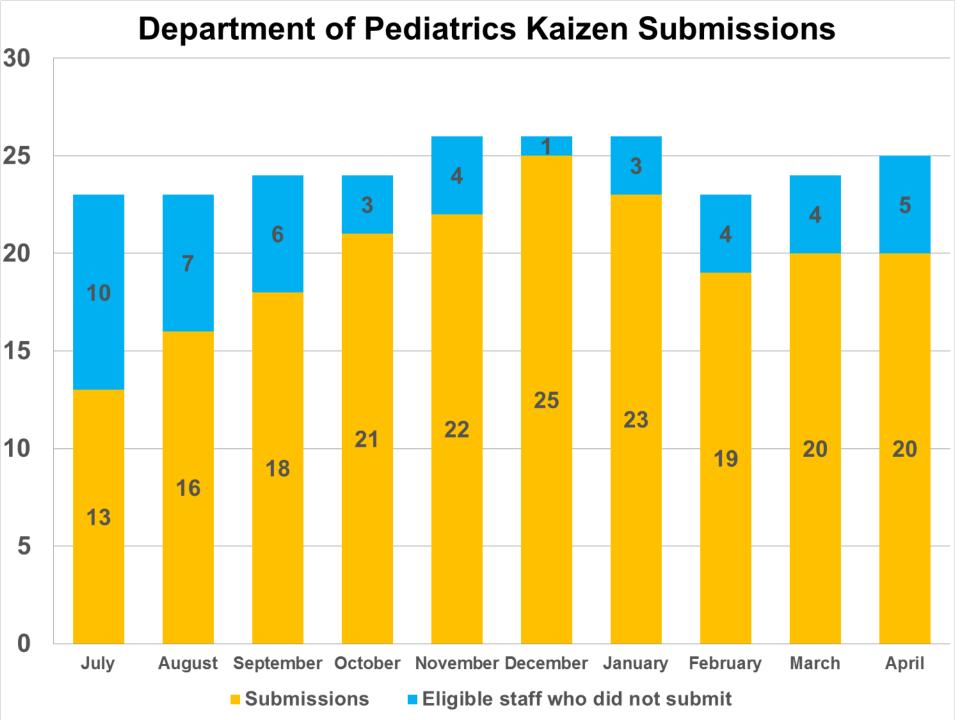
Kaizen All Stars





"Wall of Shame"

	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017	TOTALS
Alexander, Anne	1	1		1		1	1	1	1	1	8
Allen, Erin	1	1		1	1	1			1		6
Appel, Tim			1	1		1	1	1	1	1	7
Barningham, John	1	1	1	1	1	1	1	1		1	9
Bliss, Heather		1	1	1	1	1	1	1			7
Chapman, Barbara		1	1	1		1			2		6
Dietrich, Kari		1	1	1	1	1	1	1	2	1	10
Ewing, Travis				1	1	1	1	1	1	1	7
Foote, Shelby	1	1		1	1	1	1	1		1	8
Hanon, Julie			1		1	1	1	1	1		6
Hillers, Nate	1	1	1	1		1	1	1			7
Kawaguchi, Glen			1	1	1	1	1	1	1	1	8
Keng, McKenna	1	1	1	1	1	1	1	1	1	1	10
Kortas, Mike	1	1	1	1	1	1	1	1	1	1	10
Kozlowski, Jacek	n/a	n/a	n/a	n/a	1	1	1	1		1	5
Kwok, Daniel	n/a	n/a	n/a	n/a	n/a	1	1	1		1	4
LaFlamme, Tommy	1	1	1	1	1	1	1	1	1	1	10
Nakahara, Jenny						1					1
Norton, Matt	1	1	1	1	1	1	1	1	1	1	10
Pasquale, Eddie	n/a	n/a	n/a		1	1		1	1	1	5
Pasquale, Marie		1	1	1	1	1	n/a		1	1	7
Rulloda, Rose	1	1	1	1	1	1	1	1	1	1	10
Smith, Diana	1			n/a	n/a	n/a	1	n/a	n/a	n/a	2
Steele, Amanda				1	1	1	1	1	1	1	7
Sullivan, Sandra	n/a	n/a	n/a	n/a	1	1	1	1	1	1	6
Thipphakesone, Becky			1	1	1	n/a	n/a	n/a	n/a	n/a	3
Woodruff, Christina	1	1	1	1	1	1	1	1	1	1	10
**Former Staff	1	1	2	1	2		2				9
TOTALS	13	16	18	21	22	25	23	21	20	19	198
Eligible Staff Totals	23	23	24	24	26	26	26	25	25	25	247



Department of Pediatrics Kaizen Savings to Date



New Process – "Kaizen" = change is good

Standardized language

Simplified form: "walk the problem"

Set submission expectations

Track submissions & estimated savings (monthly)

Kaizen All Stars





September 2016: Kaizen All Stars

Chair reviews all monthly Kaizen submissions & selects 'All Stars'

'All Stars' presents Kaizen at monthly staff meeting

'All Stars' receives a small monetary prize (\$5 Starbucks Card)







OWNER: Travis Ev	/NER: Travis Ewing Clinical Finance				11/21/2016	5			
 I would receive Watertown Hotel invoices automatically from Accounts Payable via OnBase, even when the invoice weren't related to a Department of Pediatrics faculty recruit. Since I frequently approve hot invoices, it was common for A/P to forward them to me. I would receive on average 5 a week and 40% of them were not related to a faculty recruit. And if the invoice was related to faculty recruitment, I would still have to research and find out who booked the reservation. 									
	ID	ENTIFY/	QU	ANTIF	Y WASTI				
Overproduction	Transport	Motion	V	/aiting	Processing	Inventory	Defects		
FEELS LIKE:	(€ 200 m	ANNUAL LABOR \$ \$0.81 per min) inutes per week x ! weeks. \$8,424	52		AL MATERIALS ost + 15%) \$1,264	1	TOTAL \$9,688		
 In order for the invoices to be routed via OnBase to the correct Seattle Children's Employee who booked the reservation, the invoices needed to contain the employee's name. When the invoice is uploaded into OnBase, the SCH Employee will receive the invoice directly. If the invoice is related to faculty recruitment, the invoice will be forwarded to me for approval. 									
 I contacted the accounting department representative at Watertown Hotel, and requested that they add the SCH employee name on the invoice. Since their system can't automatically generate the name onto the invoice, the representative was willing to manually write the name on the PDF copy of the invoice. I received a revised invoice from Watertown Hotel, and contacted Ron Anderson in Accounts Payable. He confirmed that the name listed on the invoice would be appropriate and helpful for forwarding to the correct person. 									
RESULTS FOLLOWING IMPLEMENTATION TBD The confirmation of changes to the invoice from Watertown Hotel was received on 11/18/2016. Going forward the invoices will contain the SCH employee name.									

ADJUSTMENTS?

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OWNER: Christina Woodruff					NORK	GROUP: Cha	air's Office	D	ATE (01 / 11 / 17	_
DESCRIBE THE PROBLEM Tracking of annual review material has typically gone to one person, and as the Chair's office is down a staff member and have changing roles, it will be difficult to keep track of all materials. Faculty get confused if more than 1 person is requesting documents or answering questions each year. Old tracking system required 2 different documents for materials tracking.											
			ID	ENTIFY/	QU	ANTIF	Y WASTE				
Ove	erproduction	Trans	sport	Motion	V	Vaiting	Processing	Inv	entory	Defects	_
			\boxtimes			\boxtimes		[\times		
	FEELS LIKE:			NNUAL LABOR \$0.81 per min) \$2,527		ANNUAL MATERIALS (Cost + 15%)			**************************************		
	POSSIBLE SOLUTION(S) Have 1 central inbox (PedsNews) for materials be sent and to be filed. Both McKenna and Christina will share roles in filing the 2017 annual review materials. All faculty notices will come out of the PedsNews email										
	PROPOSED ACTION										
	 Have 1 central inbox (PedsNews) for materials be sent and to be filed. Both McKenna and Christina will share roles in filing the 2017 annual review materials. All faculty notices will come out of the PedsNews email All email communications to faculty will come from the PedsNews inbox for annual reviews 										
	RESULTS FOLLOWING IMPLEMENTATION										
•	Materials are already easier to handle since we have 2 people working on this process, it is much better										

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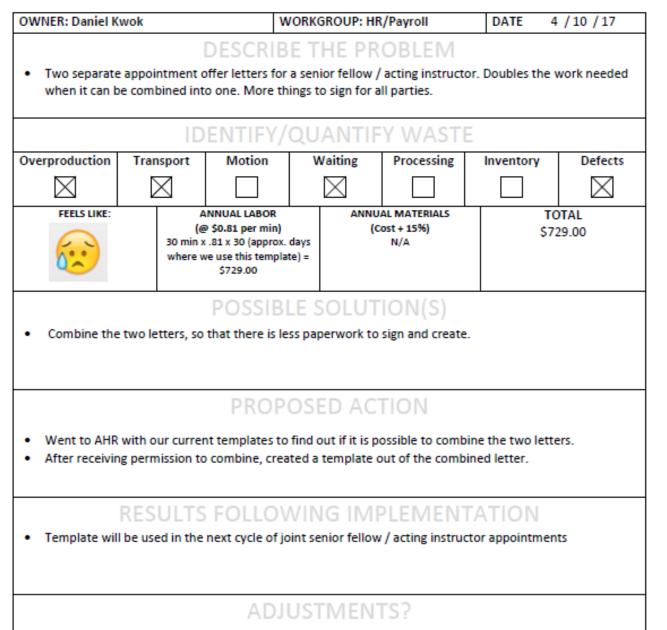
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· Having 1 document to track all materials is also more time efficient.

time management.

· Level loading of work in the Chair's office





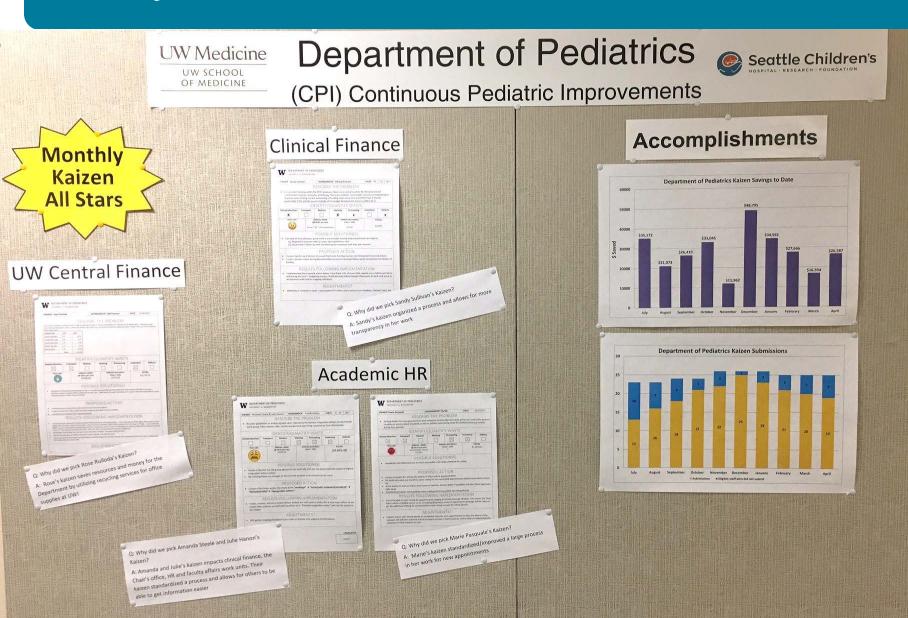
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· None at the moment

Visibility Boards



Conclusions

Increased staff engagement by focusing on their work

 198 submissions/247 possible submissions from eligible staff = 80% Staff Submission Rate

Realized incremental savings: calculated and tracked monthly

• **Year to Date Savings** = \$282,245





Conclusions

Making small incremental change can have big impact

Working on cross functional collaboration improves communication and team work

Striving for perfection can lead to inaction

Displaying success and impact enhances recognition

Personal kaizen:

- Make it simple.
- Make it something you can do.
- Declare it. Do it. Today.





Next Steps

- Streamline annual labor estimation tool
- Reward staff who submitted 11/12 Kaizens
- Build on current staff engagement in the Kaizen improvement methods and have bi-annual reviews of the process
- Include Kaizen participation in performance review process





Questions



