

How Lean Helped Us Create the Ideal PSC Layout and Workflow, and Lessons Learned as We Build and Open Each One

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Customer Satisfaction Survey



<u>Conducted by:</u> Center for Opinion Research Franklin & Marshall College

Patient Satisfaction Measures

- Dimensions of Care
 - ≻ Access
 - > Information
 - ➤ Coordination
 - > Physical Comfort
 - ≻Respect
 - > Emotional Support
 - ≻Staff
 - ≻Family
 - Caring Communication

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Department	Access	Info	Coordination	Physical Comfort	Respect	Dimensior Emotional Support	n of Ca Staff	re Family	Caring Communication	Would Definitely Recommend	Overall Rating 9 or 10	
Anti-coagulation Clinics	88%	84%	80%	99%	98%	99%	89%	94%	97%	100%	96%	
Cardiology	81%	84%	85%	94%	93%	96%	88%	90%	94%	98%	84%	
Diabetes	88%	87%	88%	97%	95%	99%	91%	100%	96%	100%	83%	
Dialysis	81%	72%	64%	77%	92%	93%	86%	90%	93%	93%	93%	
Gastroenterology	78%	88%	92%	91%	96%	97%	97%	98%	96%	96%	87%	
Imaging Specialty	89%	85%	86%	95%	93%	97%	91%	96%	95%	99%	88%	
Lab	80%	68%	69%	95%	91%	96%	90%	94%	93%	97%	80%	
Oncology Infusion Services	86%	89%	84%	92%	98%	100%	98%	94%	99%	100%	88%	
Pain Management	79%	84%	91%	95%	97%	96%	93%	91%	96%	98%	76%	
Pulmonary	85%	75%	76%	89%	94%	93%	90%	95%	93%	94%	81%	
Rehab Medicine	91%	85%	90%	94%	96%	97%	94%	100%	96%	98%	79%	
Specialty Clinics	64%	70%	80%	91%	87%	78%	76%	90%	82%	78%	53%	
Women's Infusion Services	90%	87%	88%	98%	100%	100%	99%	100%	100%	95%	95%	
Wound Clinic	77%	74%	84%	87%	93%	92%	90%	96%	93%	96%	86%	
CMBH	90%	89%	85%	93%	97%	97%	85%	100%	97%	98%	76%	
WS Pharmacy	70%	86%	88%	92%	80%	89%	85%		83%	82%	67%	
WorkFirst	78%	79%	91%	93%	90%	92%	85%	94%	90%	84%	73%	
HealthConnect	84%	93%	65%	94%	94%	93%	87%	83%	92%	100%	82%	
ReadyCare	79%	81%	88%	86%	89%	88%	85%	93%	88%	90%	78%	
WellSpan Imaging	91%	83%	91%	93%	94%	98%	93%	97%	96%	98%	96%	
Outpatient Surgeries	84%	88%	95%	92%	95%	96%	94%	95%	96%	98%	91%	

Questions related to Low Scores



- Was the service, test, treatment clearly explained prior to test? (60% favorable)
- > Have you received the results of your test? (71% favorable)

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Coordination

- Told what personal information was needed prior to visit (60% favorable)
- Did you know who to call if you had problems? (63% favorable)

<u>Access</u>

- Were there delays while you waited for service? (60% favorable)
- Did the staff tell you about the reason for the delay? (20% favorable response)





Strategies to Improve Patient Satisfaction

Information

Laboratory Services Web Site (<u>www.wellspanlabs.org</u>) "My eCare" patient portal, result access <u>Coordination & Access</u> Improve Patient Flow Reduce Wait Times

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HEALTH

Increase patient and staff satisfaction



Understanding the Problem

Problem:

Waits and delays

- ≻ Staff
- > Process
- > Patients

Variation

- ➤ Site to Site
- > Tech to Tech
- Patient to Patient

Value:

Staff Value

Ability to work
 efficiently

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Happy patients

Patients Value

- > Timely, accurate service
- Friendly phlebotomists

Understanding the Problem Need: Limited success with previous attempts • AIM project; LSS project Lack of perspective outside our "walls" • Homegrown staff can sometimes be a curse Need for expertise • Pre-analytic process and process design • "Out of the box" thinkers

Helping all people live healthy lives

Waste in Motion

Excessive motion

- > Only one ABN printer (both sites)
- > Only one label printer (two step site)
- > Filing of lab requisitions (both sites)
- All phlebotomists calling patients from waiting room (both sites)
- Patients called to registrar window multiple times (two step site)

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Acknowledge the Facts

- "Newer Site", one step process was more patient friendly
- > Capital dollars for renovations are scarce.
- > Staff cannot move between facilities efficiently

Bottom Line

- > Initial low to no cost changes
- > Develop a long-term strategy

Action Item List – Waiting Room

Problem:

> Queue prior to opening time

Solution/Pilot:

 Staff start times adjusted;
 "ready to roll" 15 min. prior to opening

Action Item List - Waiting Room

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> Queue prior to opening time

> Patient confusion as they enter the waiting room

Solution/Pilot:

Staff start times adjusted; "ready to roll" 15 min. prior to opening

 Adjust signage;
 investigate kiosk numbering solution

Action Item List - Waiting Room

Problem:

> Queue prior to opening time

> Patient confusion as they enter the waiting room

Visibility into waiting room

Solution/Pilot:

Staff start times adjusted;"ready to roll" 15 min. prior to opening

 Adjust signage;
 investigate kiosk numbering solution

Install "nanny cam" to connect waiting room to collection rooms

Action Item List - Registration Superior Problem: Solution/Pilot: • Errors on requisition • Flag errors for correction at a later time

> Uncross-trained staff

correction at a later time

> Train all staff in registration

Action Item List - Regi	istration	WELLSPAN HEALTH			
<u>Problem:</u> ≻ Errors on requisition	Solution/Pilot > Flag errors f correction at a	<u>::</u> or later time			
> Uncross-trained staff	 Train all stat registration 	ff in			
Lengthy registration	Evaluate a " registration pr	quick″ ocess			

Action Item List – Hardware

Problem:

Computer Speed

<u>Solution/Pilot:</u> > IT evaluation of all computers with appropriate changes

Action Item List – Hardware

Problem:

> Computer Speed

Shared printers

Solution/Pilot:

 > IT evaluation of all computers with appropriate changes

Install label printers and laser printers at each registration and order entry computer

Action Item List - Collection Area

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Problem:

Supply location and variation

Solution/Pilot:

> Stock all rooms with adequate supplies

- Not overstocked
- > Standardized
- Replenished during non-peak times

Action Plan – Process Variation

➤ Variation

Solution/Pilot:

Standard Work for each task

- Eliminate as much variation as possible
- Realize variation between the two different facility layouts

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Diabetes Services	87%	84%	87%	95%	93%	95%	89%	92%	94%	93%	82%
Dialysis	84%	79%	71%	77%	92%	89%	89%	92%	91%	85%	74%
Gastroenterology	82%	89%	97%	93%	94%	95%	95%	95%	95%	94%	78%
Imaging	87%	85%	85%	96%	95%	95%	90%	95%	94%	97%	86%
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Rehab Medicine	90%	87%	89%	96%	95%	93%	88%	93%	94%	100%	93%
Specialty Clinics	77%	82%	83%	93%	92%	91%	84%	93%	91%	92%	61%
Women's Infusion Services	84%	85%	92%	95%	98%	99%	94%	94%	98%	100%	86%
Wound Clinic	77%	79%	94%	97%	98%	97%	96%	95%	98%	100%	60%
Center for Mind Body Health	91%	91%	84%	96%	97%	99%	87%	100%	97%	100%	83%
WellSpan Pharmacy	76%	84%	86%	92%	79%	89%	84%		83%	90%	65%
WorkFirst	81%	80%	89%	98%	91%	91%	92%	77%	91%	87%	71%
HealthConnect	75%	74%	72%	87%	95%	98%	90%	88%	96%	100%	54%
ReadyCare	80%	72%	84%	92%	87%	91%	86%	97%	88%	87%	47%
WellSpan Imaging	94%	84%	83%	94%	96%	94%	93%	97%	96%	98%	81%
Outpatient Surgeries	87%	91%	96%	93%	96%	97%	95%	98%	97%	98%	90%
Total WellSpan	85%	81%	79%	95%	91%	95%	90%	95%	92%	96%	80%

Patient Satisfaction Survey 99.6% liked being escorted to the collection room 81% felt that wait times have decreased Comments: "Like changes. More useable." "Greeter was very nice and helpful" "New lab is great!" "Opening the doors early is a nice thing."

Lessons Learned

> Understand the process – see, hear, do

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- > Don't give up on the short term
- Change takes time
- Acceptance takes longerShift of control
- Front-line champion
 - > Don't stifle the enthusiasm, direct it
- Support of senior leadership
- > Identify and overcome barriers to progress
- > Long term monitoring Kiosk check-in

