

## **Evaluation of Clinical Faculty by Patients Using Computerized Handheld / Computer Devices**

From patient satisfaction to faculty development

Amy W Fox, MD & Luis Diaz, MD UNC Department of Dermatology September 13<sup>th</sup>, 2014

## **Objectives**

- Patient satisfaction in our current health care system
- Mandated levels of patient satisfaction and the impacts to reimbursement
- Clinic level patient satisfaction platform
- Utilization for faculty growth and development

#### We have no relevant financial disclosures



## The big picture

## Acountable Care

Physican Compare

- Value based payment modifier
- Effects all providers by 2017

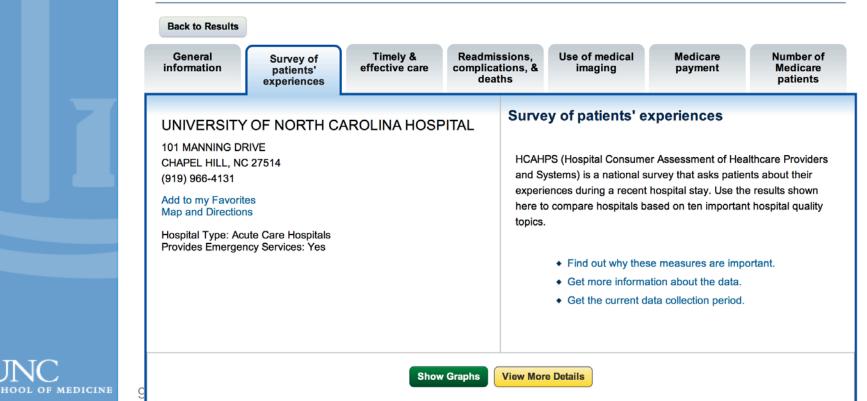
- "ratings" of clinics and providers searchable by consumers
  Data displayed wi
- Patient satisfaction metrics will play a role
- •Data displayed will come from patient satisfaction metrics



## **Patient Centered Care**

- Growing importance of the patient experience.
- HCAHPS as a model for outpatient

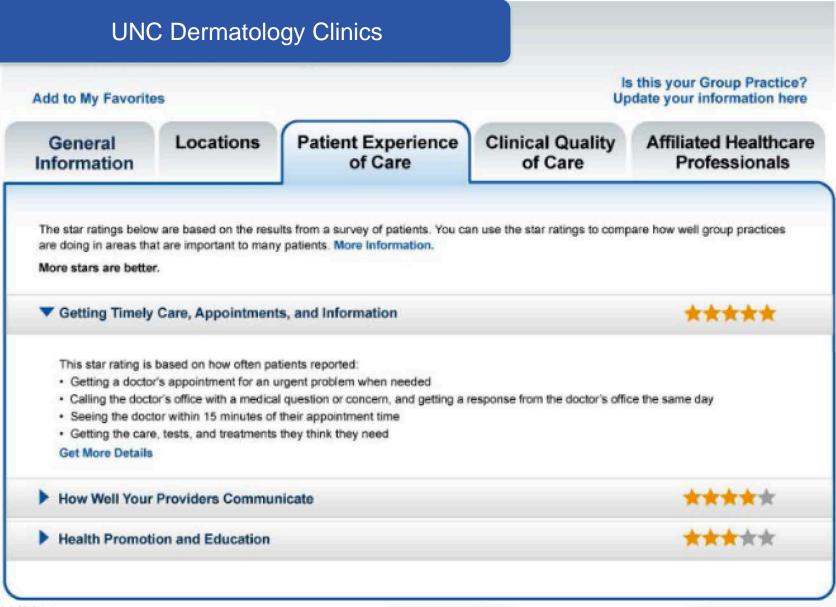
#### **Hospital Profile**





	NORTH CAROLINA HOSPITAL	CAROLINA AVERAGE	AVERAGE
Patients who reported that their nurses "Always" communicated well	82%	81%	79%
Patients who reported that their doctors "Always" communicated well	84%	83%	82%
Patients who reported that they "Always" received help as soon as they wanted	67%	68%	68%
Patients who reported that their pain was "Always" well controlled	74%	72%	71%
Patients who reported that staff "Always" explained about medicines before giving it to them	68%	65%	64%
Patients who reported that their room and bathroom were "Always" clean	72%	72%	73%
Patients who reported that the area around their room was "Always" quiet at night	65%	64%	61%
Patients who reported that YES, they were given information about what to do during their recovery at home	90%	87%	85%







Bivarus

OF CG-CAHPS; Press Ganey

## CMS mandated CG-CAHPS

UNC Dermatology visit specific data 24-48 hrs after visit

- Clinical operations
- CQI
- Faculty/resident
   development
- Service Recovery

UNC Dermatology visit specific data Within a week

- Clinical operations
- CQI
- Benchmarking within our institution

UNC HealthCare data Months after visit

PQRS and VBPM

## **CAHPS Family**

CG (clinician and group) CAHPS H (Hospital) CAHPS ACO CAHPS Home Health CAHPS

- 34 question core survey, retrospective over 6 months
- Looks at access to specialist, timeliness of care, provider specific data
- Measure of patient experience



## **CG-CAHPS**

 In the last 6 months, when you phoned this provider's office after regular office hours, how often did you get an answer to your medical question as soon as you needed?

[never, sometimes, usually, always]

• Wait time includes time spent in the waiting room and exam room. In the last 6 months, how often did you see this provider within 15 minutes of your appointment time?

[never, sometimes, usually, always]

In the last 6 months, how often did this provider listen carefully to you?
 [never, sometimes, usually, always]





## **Bivarus**

Electronic survey with 10 questions – deployed either to smartphone or email at 24-48 hr. post visit

10 categories with 10 questions within each area with priority set by the survey manager

Deployed over a 3 month cycle

40% + response rate with email 4900 surveys returned July 2013-2014





## **Bivarus**

Outlook Web App			sign out   Fox, Amy W 🧃 -			
Mail > Inbox 11610 Iter	ns		Find Someone Options * () *			
Favorites inbox (7)	New - Delete - Move - Filter -	View - 🗗	Tell Us About Your Dermatology Visit			
<ul> <li>Unread Mail (7)</li> <li>Sent Items</li> <li>Deleted Items (73)</li> </ul>	Mail (7) Conversations by Date - Newest on Top ms		<ul> <li>Unc Derm [unc_derm=bivarus.com@sendgrid.info] on</li> <li>To: Fox, Amy W</li> <li>Monday, September 01, 2014 4:30 PM</li> </ul>			
Fox, Amy W Inbox (7) Drafts [4] Sent Items	7)       An Assignment Notice F         4]       cherie_ezuka@med.unc.edu       3:54 AM         ms       Vesterday         Items (73)       Yesterday         Subscription       Weekly Academic Remi		- To help protect your privacy, some content in this message has been blocked. If you're sure this message is from a trusted sender and you want to re-enable the blocked features, click here.			
<ul> <li>Junk E-Mail</li> <li>Notes</li> </ul>		Dear UNC Dermatology & Skin Cancer Center Patient, Thanks for agreeing, during your recent visit, to share your feedback about your experience. Your input				
RSS Feeds	Slide requests Kaitlin McCormick; Kaitlin;	Mon 4:32 PM	is critical to making our organization the best it can be. Please complete our brief survey. It should take only about three minutes.			
Contact List	Tell Us About Your Der unc_derm@bivarus.com	[] 양 Mon 4:30 PM	The link to the survey is: <a href="https://survey.bivarus.com/s/DVJCZFE/t/e">https://survey.bivarus.com/s/DVJCZFE/t/e</a>			
Other Contacts No contacts in this group Add contact	SBC CV Corley, Sarah	0 Mon 2:33 PM	Thank you for your time, UNC Dermatology & Skin Cancer Center			
	<ul> <li>extra clinic Mauro, Patricia M</li> <li>UNC Peds Derm fellowship Morrell, Dean S</li> </ul>	Sat 8/30 Fri 8/29	Please do not reply to this message. This mailbox is not monitored. This e-mail was sent to amy_fox@med.unc.edu by unc_derm@bivarus.com. Bivarus Inc., PO Box 51391 Durham, NC 27717 If you no longer wish to receive e-mail messages from unc_derm@bivarus.com, please click on the following link: <u>Unsubscribe</u>			

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Optimization lists Edwards, Sara

Cole, Brandon

Jardis, Chris (US)

Questions about CMS/CG...

UNC - Sunset Dermatolog...

Fri 8/29

Fri 8/29

Fri 8/29

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The **UNC Dermatology & Skin Cancer Center** wants to provide the best possible experience for our patients, and your input is critical to making improvements. It takes only about three minutes to complete our short survey. We appreciate your time and value your feedback.



#### **Step 1: Prioritize Categories**

Indicate each category's relative importance using the horizontal sliders below. Preview category questions by clicking on the info symbol. When you are satisfied with your selections, click "Accept and Continue."

					• Back	Accept and Contin		
aved								
_	Category Name		Extremely Unimportant	Extremely Important	ווו			
۱.	Patient Safety	0				and the second second		
2.	Processes of Care and Efficiency	0				10		
3.	Institutional Ethos	0	( <u> </u>					
۱.	Comfort	0						
5.	Provider Expertise and Interpersonal Skills	0			8			
5.	Communication	0			7			
7.	Transitions of Care and Care Coordination	0						
8.	Patient Centered Care	0			ſ,	5 4		
9.	Other Members of the Team	0						
0.	Overall Patient Experience	0						



Skip to Category

egory 1 2 3 4 5 6 7 8 9

#### Category 1 of 9: Patient Safety

Question Name	Extremely Unimportant	Extremely Important	
1. I felt safe in the Dermatology clinic.			9 1
2. The nurse asked if I had drug allergies.			
<b>3.</b> My doctor/nurse explained medications I was told to take at home.			
<ol> <li>My doctor/nurse reviewed reasons to return before my next annual exam.</li> </ol>		7	3
5. My nurse provided follow-up care instructions in a way I could understand.			6
6. Prior to starting, my doctor made it clear I was having a procedure.			5
<ol> <li>My doctor reviewed possible side effects of any procedure before starting.</li> </ol>			
<ol> <li>My doctor alerted me to things I should have checked immediately should they occur after surgery.</li> </ol>			
9. I understood how to care for my wound.			

6	In Progress	04/07/2014	N/A	4.47	N/A
5	Completed	01/29/2014	04/06/2014 (5 months ago)	4.43	-0.01
4	Completed	10/16/2013	01/28/2014 (7 months ago)	4.44	0.00
3	Completed	07/02/2013	10/16/2013 (10 months ago)	4.43	0.00
2	Completed	03/28/2013	07/02/2013 (about 1 year ago)	4.42	0.00
1	Completed	11/20/2012	03/28/2013 (over 1 year ago)	4.40	0.00

#### Longitudinal Questions by Cycle

	Question 🗢							Trend
1	I would recommend this Dermatology clinic to friends/family.	4.54	4.57	4.58	4.60	4.62	4.57	

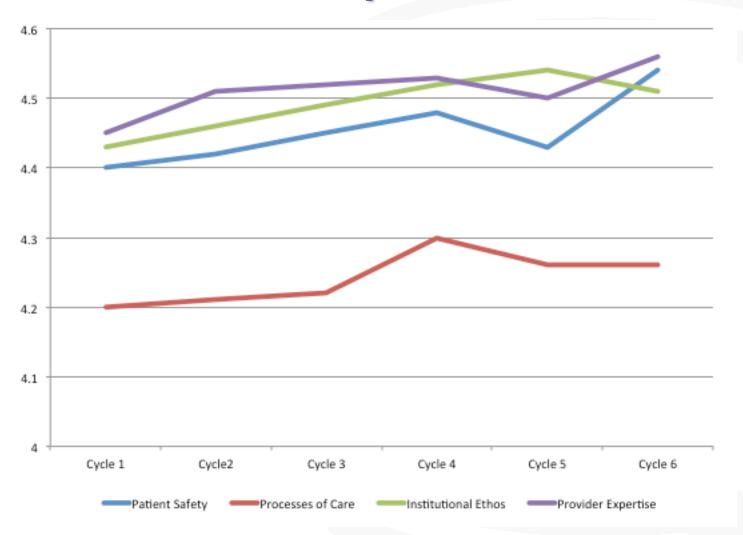
#### Category Scores by Cycle

							Trend
Patient Safety	4.41	4.42	4.45	4.48	4.43	4.54	
Processes of Care and Efficiency	4.20	4.21	4.22	4.30	4.26	4.26	
Institutional Ethos	4.43	4.46	4.49	4.52	4.54	4.51	
Facility/Comfort	4.41	4.43	4.43	4.41	4.46	4.42	
Provider Expertise and Interpersonal Skills	4.45	4.51	4.52	4.53	4.50	4.56	
Communication	4.42	4.41	4.41	4.47	4.52	4.38	
Patient Centered Care	4.49	4.49	4.53	4.56	4.38	4.59	
Other Members of the Team	4.44	4.49	4.47	4.30	4.38	4.54	
Overall Patient Experience	4.31	4.35	4.36	4.38	4.42	4.40	





## **Clinical improvements**



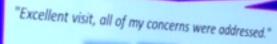


## **Free Text Comments**

Status: Unaddressed	Status: Unaddressed	Status: Unaddressed
08/26/2014 at 06:19PM Unknown Visit ID# 20050521014 Bivarus ID# 15140	08/26/2014 at 06:19PM Unknown Visit ID# 20050386868 Bivarus ID# 15139	08/26/2014 at 06:19PM Unknown Visit ID# 20051244562 Bivarus ID# 15138
"It was so good. The UNC Hospitals offer to us excellent attention, service and care as a person with professional people and excellent doctors."	"I felt that the Doctor is very concerned about all questions I ask even if they seem like minor questions."	"from the check in, to seeing the resident then the doctor, everyone was extremely nice, but that is the way it always is at every department of UNC that I go too!! "
Reply to Patient Manage/Tag Comment	Reply to Patient Manage/Tag Comment	
Reviewed - Patient Relations	Reviewed - Patient Relations	Reply to Patient Manage/Tag Comment
✓ Reviewed - Clinical Ops amy_fox@med.unc.edu	Reviewed - Clinical Ops amy_fox@med.unc.edu	Reviewed - Patient Relations
08/27/2014	08/27/2014	Reviewed - Clinical Ops amy_fox@med.unc.edu 08/27/2014
Status: Unaddressed	Status: Unaddressed	Status: Unaddressed
08/26/2014 at 12:17AM Unknown Visit ID# 20057704111 Bivarus ID# 15124	08/26/2014 at 12:17AM Unknown Visit ID# 20052998307 Bivarus ID# 15123	08/25/2014 at 06:19PM Unknown Visit ID# 20051376144 Bivarus ID# 15109
"See most recent email regarding prescriptions. Thanks"	"I am still waiting for an appointment for Mohs surgery."	"I was thankful that the doctors explained what was going to happen in a matter that I could understand."
Reply to Patient Manage/Tag Comment	Reply to Patient Manage/Tag Comment	Reply to Patient Manage/Tag Comment
	Operational Different Differen	Reviewed - Patient Relations
Reviewed - Patient Relations	Reviewed - Patient Relations	



# ★ From our Patients ★







"Dr. Thomas is notably skilled in her area of expertise and I am forever grateful for that. Dr. Daly and Dr. Brooks are the best, too. Many thanks!"

"Each time I've visited UNC Dermatology, the experience has been superior in all respects."

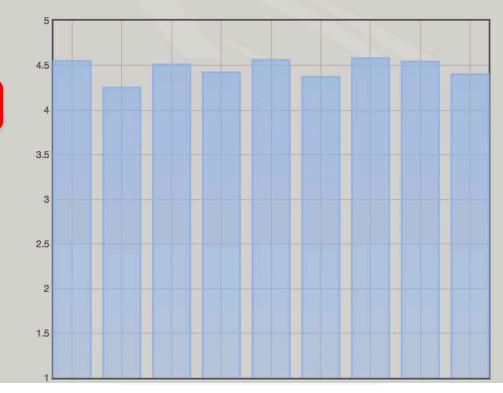
VIZIO



Indicator	Score	Delivery	# Sent	# Responses 🗢	Response Rate 🖨
Aggregate Score	4.46	Email	2562	1191	46.5%
I would recommend this Dermatology clinic to friends/family.	4.57	Smartphone	621	202	32.5%

#### **Category Scores**

#\$	Category 🖨	Score 🖨
1	Patient Safety	4.55
2	Processes of Care and Efficiency	4.25
3	Institutional Ethos	4.51
4	Facility/Comfort	4.42
5	Provider Expertise and Interpersonal Skills	4.56
6	Communication	4.37
7	Patient Centered Care	4.58
8	Other Members of the Team	4.54
9	Overall Patient Experience	4.40





Aggregate Score

#### **Survey Scores**

#	Name 🗢	Score ¢	95% Confidence Interval Lower Bound \$	95% Confidence Interval Upper Bound ≎	# of Responses ¢
1	The Dermatology clinic, as a whole, ran smoothly.	4.50	4.41	4.59	173
2	The total length of time I spent in the Dermatology clinic was reasonable.	4.29	4.18	4.40	225
3	The check-in process went smoothly.	4.60	4.51	4.70	169
4	The length of time I spent in the waiting room was reasonable.	4.54	4.44	4.64	146
5	Once in the exam room, the length of time I waited to see a doctor was reasonable.	4.1 <mark>8</mark>	4.05	4.31	215
6	The length of time it took to get test results was reasonable.	4.37	4.21	4.53	105
7	The length of time I waited to have blood drawn was reasonable.	4.34	4.18	4.51	58
8	My phone call to the clinic was answered in a timely manner.	3.74	3.59	3.90	239
9	I was able to get an appointment when I wanted to be seen.	3.80	3.67	3.93	266
10	My electronic prescription was ready at the pharmacy when I arrived.	4.12	3.95	4.29	175



Sentiment:	Workflow state:	Review status:	Disposition:
All ÷) Search	All ÷	All ÷	All + Filter by Tags ( e.g. communication, wait time, check in )
Case insensitive search,	limited to 30 characters. e	.q. wait time, Dr. Smith	Wait Time ×

#### Page 1

Status: Unaddressed	Status: Unaddressed	Status: Unaddressed	
08/28/2014 at 12:17AM Unknown Visit ID# 20054174238 Bivarus ID# 15194	08/28/2014 at 12:17AM Unknown Visit ID# 20053885375 Bivarus ID# 15193	08/27/2014 at 06:18PM Unknown Visit ID# 20054550439 Bivarus ID# 15176	
Tags: Wait Time	Tags: Wait Time	Tags: Wait Time	
"I waited about 30 minutes in a cold room with 1 old magazine to read. Why does it always take so long at Dermatology?"	"I was disappointed with my wait time. I arrived 30 minutes earlier than my appoint time. I waited just about 45 minutes before I was acknowledged by a medical provider, intern or resident."	"Great Attending,great resident, nice nurse, nice check-in people, good treatment, SAT IN EXAM ROOM 40 MINUTES BEFORE SEEN, same thing last visit."	
Reply to Patient Manage/Tag Comment	Reply to Patient Manage/Tag Comment	Reply to Patient Manage/Tag Comment	
Reviewed - Patient Relations	Manage/ ray comment	Manager Tag Comment	
Reviewed - Clinical Ops amy_fox@med.unc.edu	Reviewed - Patient Relations	Reviewed - Patient Relations	
08/29/2014	Reviewed - Clinical Ops amy_fox@med.unc.edu 08/29/2014	✓ Reviewed - Clinical Ops amy_fox@med.unc.edu 08/29/2014	
Status: Unaddressed	Status: Unaddressed	Status: Unaddressed	
08/22/2014 at 06:23PM Unknown Visit ID# 20051370643 Bivarus ID# 14974	08/22/2014 at 06:22PM Unknown Visit ID# 20057286300 Bivarus ID# 14969	08/22/2014 at 06:22PM Unknown Visit ID# 20054548277 Bivarus ID# 14967	
Tags: Walt Time	Tags: Wait Time	Tags: Walt Time	
"Would have preferred not to have waited in the exam room for 25 minutes before I was seen."	"I had to wait an hour for a procedure that took 5-10 minutes (wart frozen), which Dr. Sayed made clear is	"I have exams every 3 months because of a history of melanoma. My appointment was for 2:45. I arrived at	

not the norm. Since it was my first time, I can't

2:30. About 3:00 I was brought to the exam room and

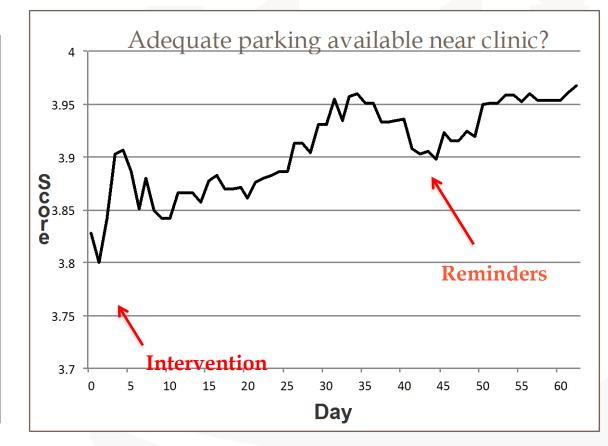
## **Transforming Service Operations**

**Issue Identified**: Patients dissatisfied with lack of parking availability at clinic (doctors/staff parking in spots near clinic).

EDICINE

Intervention Developed/Implemented: 1) Share patient feedback directly with faculty and staff 2) Regular reminders with

update

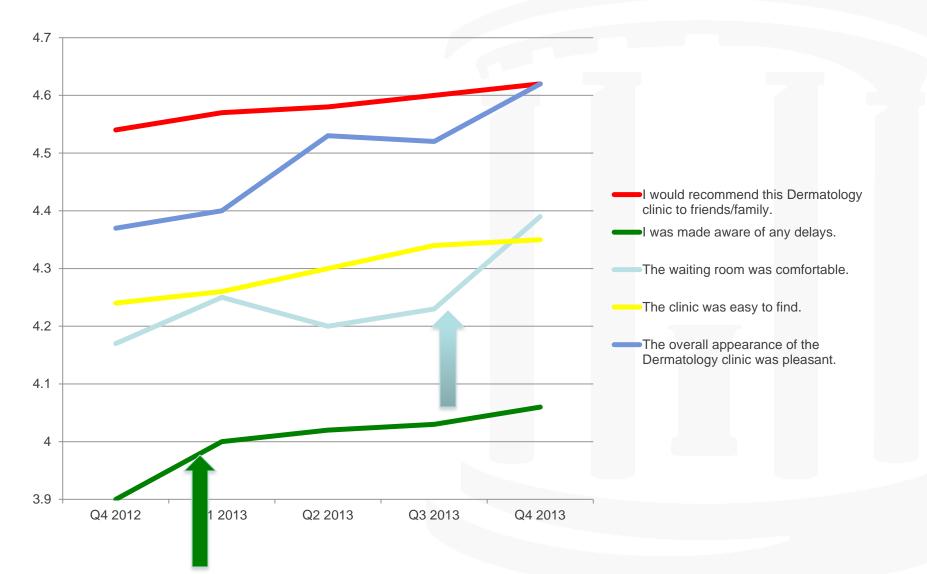


Dec 2012-Feb 2013



## **Improvements in clinical**

## operations/patient experience



## **Provider Level Questions**

#### Communication

- My doctor explained my diagnosis.
- My doctor explained my test results.
- My doctor explained things in a way I could understand.
- My doctor explained what procedures were being performed.
- My doctor explained what tests he/she was ordering.
- My doctor informed me of my treatment options.

#### **Patient Centered Care**

- My doctor did not seem rushed while with me.
- My doctor included me in decisions about my care.
- My doctor listened to me.
- My doctor made me feel comfortable about asking questions.
- While in my room, my doctor was focused on me/my issues.



#### **Patient Safety**

- My doctor alerted me to things
   I should have checked
   immediately should they occur
   after surgery.
- My doctor reviewed possible side effects of any procedure before starting.
- Prior to starting, my doctor made it clear I was having a procedure.

#### **Provider Expertise**

- I would trust this doctor to care for my friends/family.
- My doctor had a pleasant bedside manner.
- My doctor had good medical knowledge.
- My doctor was kind and caring.
- My doctor's overall appearance was professional.

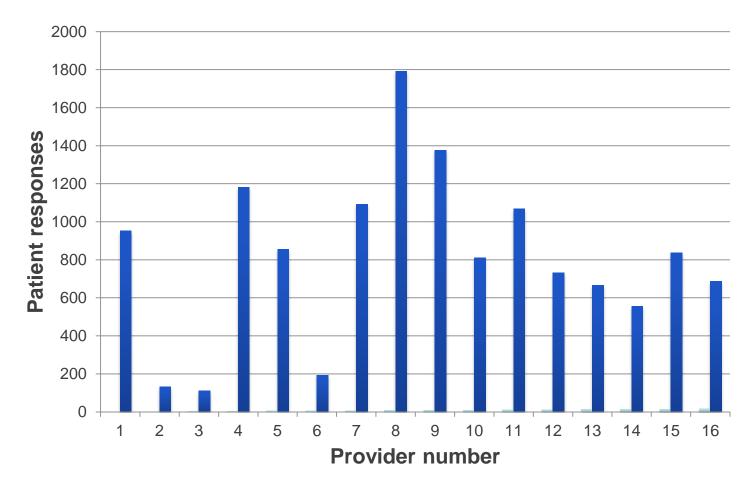
#### Mentors

Communication	Daly,M	4.8 <mark>6</mark>	95
Patient Centered Care	Miedema,J	4.78	38
Patient Safety	Miedema, J	4.83	38
Provider Expertise and Interpersonal Skills	Miedema, J	5.00	38

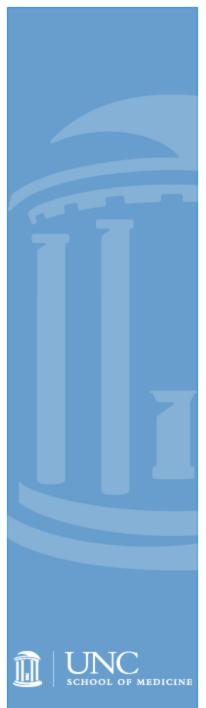
#### Providers

Peer Group Average	4.59	4.07	4.17	3.93	3.77	80.11	
BOWERS, EDITH	4.63	4.55	4.62	4.49	4.86	127	
Baldwin,M	4.22	N/A	4.00	4.44	N/A	3	
Bhandari,R	4.47	4.60	4.27	4.38	4.62	72	
Blasiak,R	4.71	4.61	4.58	4.67	4.99	32	
Bowers,E	4.64	4.57	4.62	4.51	4.86	136	
Brooks,K	4.58	4.60	4.61	4.42	4.69	132	
Burkhead,A	4.51	4.29	4.65	4.50	4.61	28	
Cortey,S	4.44	4.60	4.40	4.29	4.46	135	
Dahle,K	4.50	4.48	4.55	4.32	4.64	136	
Daly,M	4.61	4.86	4.64	4.17	4.79	95	
Fox,A	5.00	5.00	N/A	5.00	N/A	3	
Evall K	4.78	N/A	4.33	5.00	5.00	6	6

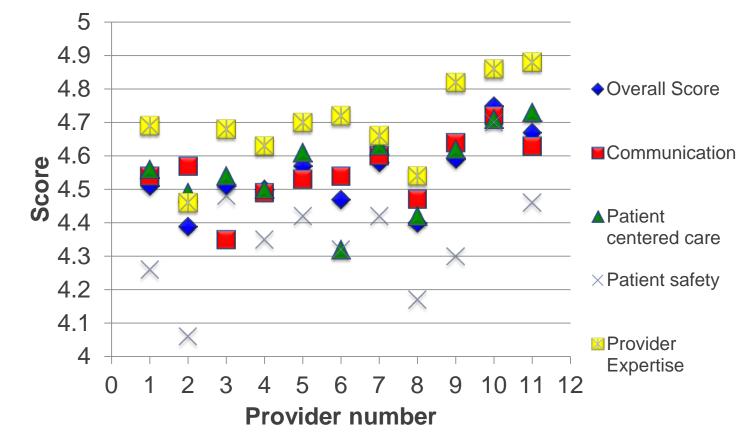
## Responses per Attending Provider, 2012-2013, UNC Dermatology







## Attending Provider Scores by Category, UNC Dermatology





SCHOOL OF MEDICINE

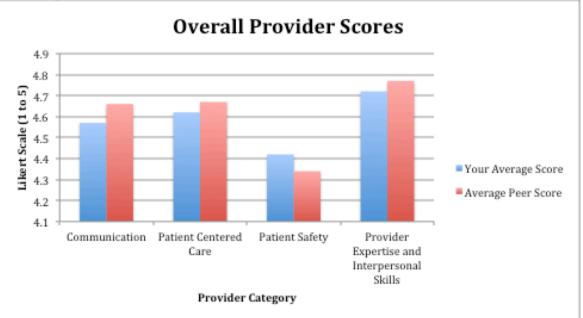
9/23/2

UNC Dermatology & Skin Cancer Center

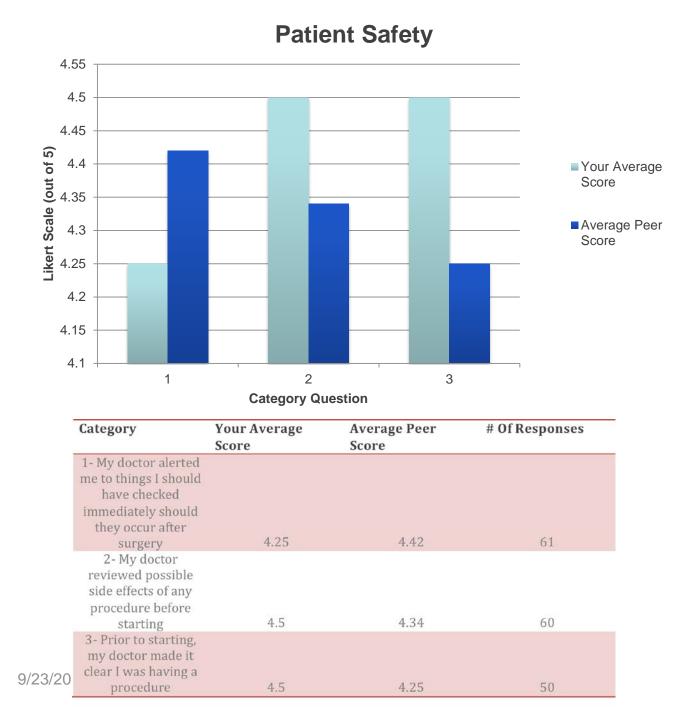
Provider Report – Fox, A Start Date: 11/20/2012 End Date: 08/29/2014 Survey Cycles: 1-6

Summary		
<b>Overall Score</b>	Average Peer Score	Total Responses
4.58	4.61	881

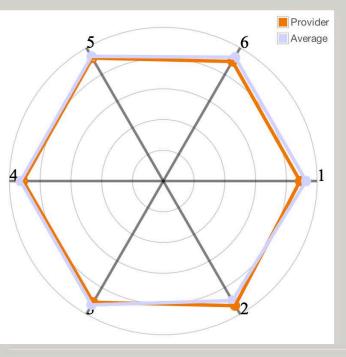
#### **All Categories**

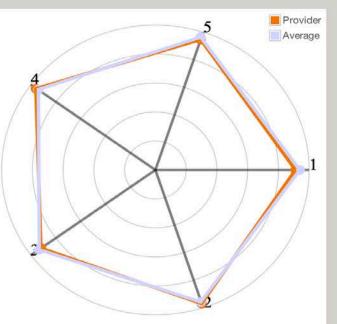


	Your Average Score	Average Peer Score	# Of Responses
Communication	4.57	4.66	277
Patient Centered Care	4.49	4.67	234
Patient Safety	4.06	4.34	171
<b>Provider Expertise</b>	4.46	4.77	191









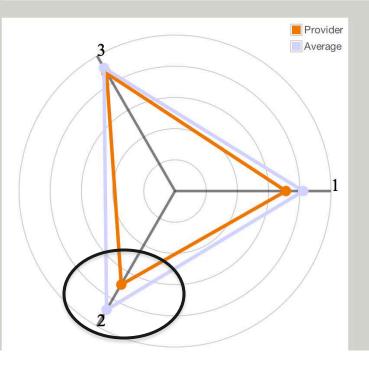
# \$	Category 🗢
1	My doctor explained my diagnosis.
2	My doctor explained my test results.
3	My doctor explained things in a way I could understand.
4	My doctor explained what procedures were being performed.
5	My doctor explained what tests he/she was ordering.
6	My doctor informed me of my treatment options.

# \$	Category 🖨
1	I would trust this doctor to care for my friends/family.
2	My doctor had a pleasant bedside manner.
3	My doctor had good medical knowledge.
4	My doctor was kind and caring.
5	My doctor's overall appearance was professional.

#### Provider A



# \$	Question 🗢	Average Peer Score ≑	Score ¢	95% Confidence Interval Lower Bound 🗢	95% Confidence Interval Upper Bound 🗢	# of Responses ≑
1	My doctor alerted me to things I should have checked immediately should they occur after surgery.	4.14	3.58	2.85	4.32	12
2	My doctor reviewed possible side effects of any procedure before starting.	4.40	3.50	2.85	4.15	6
3	Prior to starting, my doctor made it clear I was having a procedure.	4.58	4.38	3.86	4.89	8



# \$	Category 🗢
1	My doctor alerted me to things I should have checked immediately should they occur after surgery.
2	My doctor reviewed possible side effects of any procedure before starting.
3	Prior to starting, my doctor made it clear I was having a procedure.

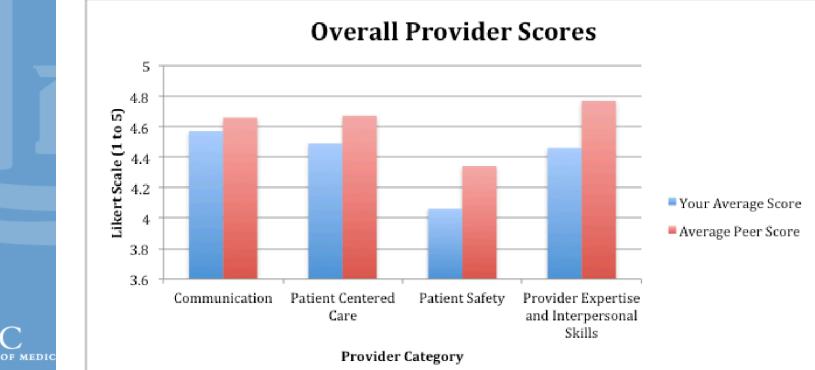
#### Provider B

#### **UNC Dermatology & Skin Cancer Center**

Provider Report – Fellow/Resident Start Date: 11/20/2012 End Date: 08/29/2014 Survey Cycles: 1-6

Summary		
<b>Overall Score</b>	Average Peer Score	<b>Total Responses</b>
4.39	4.61	132

#### All Categories



# UNC Dermatology

# Bivarus

## OF CG-CAHPS; Press Ganey

# CMS mandated CAHPS

UNC Dermatology visit specific data 24-48 hrs after visit

- Clinical operations
- CQI

- Faculty/resident development
- Service Recovery

UNC Dermatology visit specific data Within a week

- Clinical operations
- CQI
- Benchmarking within our institution

UNC HealthCare data Months after visit

PQRS and VBPM



## How we are able to use this

Daily monitoring for service recovery and clinical operations

MOC requirements Joint Commission

Departmental evaluation of faculty, residents, staff ACGME requirement for residents

### Personal improvement



## Thank you

How to contact us:

amy\_fox@med.unc.edu