




Clinician Dashboards, the Time is Now!

Julie K. Tilson, DPT

University of Southern California, U.S.

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Hey, how's
your practice?



Me



Ok, I guess.



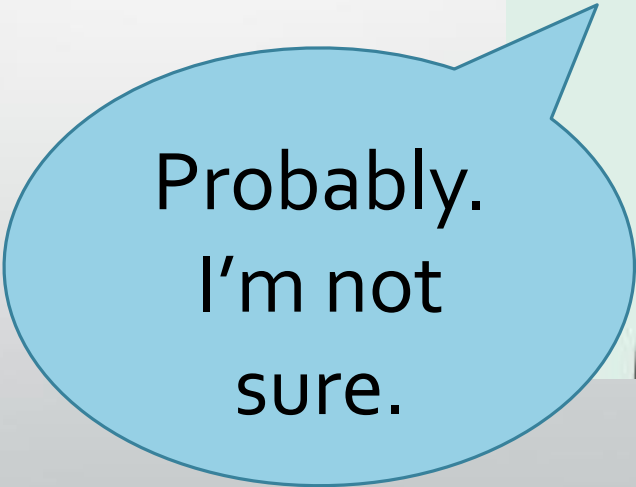
Clinician



Are your vestibular patients doing better?




Me



Probably.
I'm not sure.



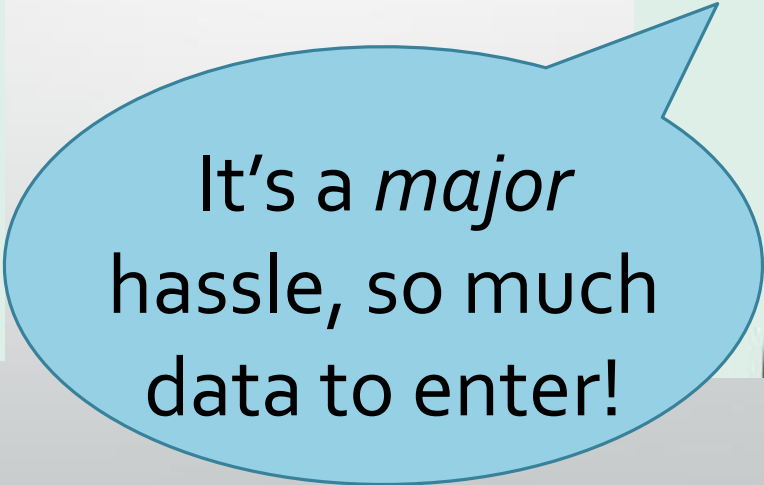
Clinician



Oh. Well, how is that new electronic medical record working out?



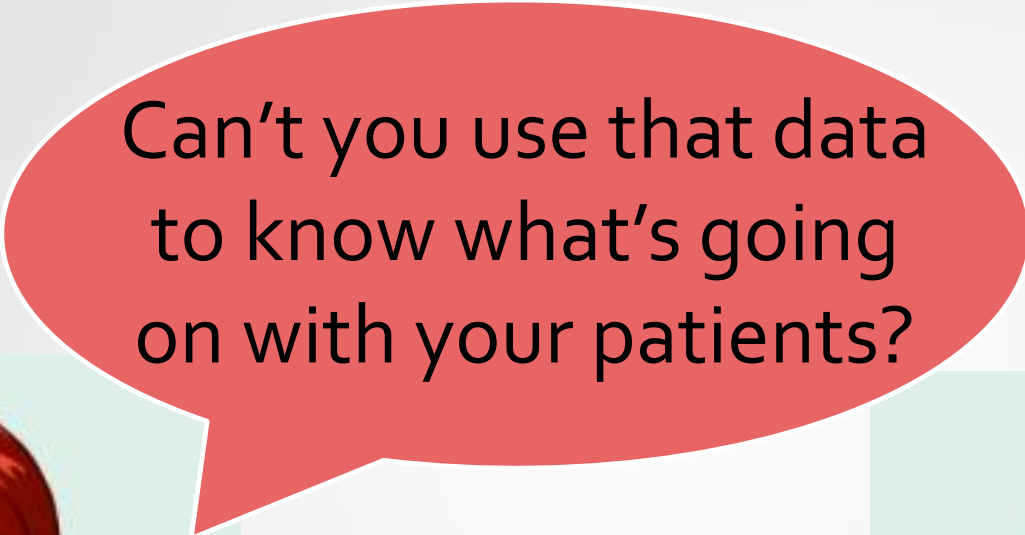
Me



It's a *major* hassle, so much data to enter!



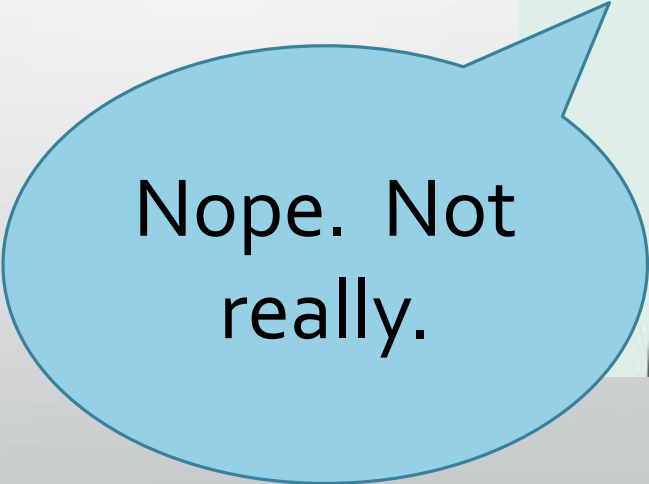
Clinician



Can't you use that data
to know what's going
on with your patients?



Me



Nope. Not
really.



Clinician

WHAT?!?!



Me



Clinician

We can't improve what we don't measure!



Face Sheet

Medical History

- Summary
- Face Sheet
- Patient Manager
- Demographics
- Reminders
- Flow Sheets
- Immunizations
- Medication Admin
- Chart Attachments
- Lab Results
- Procedure Results
- Additional Results
- Result Summaries
- Contact
- Reason for Visit
- Review of Systems
- History

JONES, JOHN (DOB: 11/18/1974; ID: 2009) 41 year old man

Demographics Summary

Thursday July 21, 2006

Chief Complaint: fever and chills

History of Present Illness:

Review of Systems:

Past Medical History: COPD Year:1998, Hypertension Year:1

Social History: -Select Tobacco Use-

Family History:

Vista CPRS in use by: Doctor,Beth (SLCacct)

File Edit View Tools Help

CPRSPATIENT,TEN ANC Mar 19,01 14:00 HBPC / CPRSdoctor,Five

000-89-9863 Aug 21,1949 (55) Provider: CPRSD OC TOR, TWO

Flag Remote Data Postings AD

Active Problems: Unspecified Fall (ICD-9-CM E888.9), Urinary Retention, Ventral Hernia Nec (ICD-9-CM 553.2), Hyponatremia (ICD-9-CM 276.1), Depression, Low Back Pain, Hypertension

Allergies / Adverse Reactions: Ibuprofen, Topamax 15mg Capsule, Garlic Oil

Postings: Allergies Hbpc Dnr Feb 04,2004, Hbpc Dnr Jun 12,2003, Hbpc Dnr Nov 13,2002, Hbpc Advance Directives Implementation

Active Medications: Artificial Tears Methylcellulose Active, Lubricating (pf) Oph Oint Active, Calcium 500mg/Vitamin D 200unt Tab Active, Docusate Na 100mg Cap Active, Tamsulosin Hcl 0.4mg Cap Active, Potassium Chloride 10meq Sa Tab Active, Cyanocobalamin 1000mcg Tab Active, Salmeterol 50mcg/Blstr Po Inhl Diskus 60 Suspended, Mirtazapine 30mg Tab Active, Furosemide 40mg Tab Active, Sennosides 8.6mg Tab Active, Non-VA Magnesium Oxide 420mg Tab Active

Clinical Reminders: No data found

Recent Lab Results: No data found

Vitals: T 99.7 F Feb 07,2004 17:26 (37.6 C), P 69 Feb 07,2004 17:26, R 18 Nov 18,2003 10:57, BP 125/69 Feb 07,2004 17:26, HT 68 in Nov 18,2003 10:57 (172.7 cm), WT 217 lb Nov 18,2003 10:57 (98.6 kg), PN 6 Feb 07,2004 17:26

Appointments/Visits/Admissions: No data found

Cover Sheet Problems Meds Orders Notes Consults Surgery D/C Summ Labs Reports

EMRs are designed for...

Reimbursement

Compliance

Not...

Development of
Clinician Expertise

Clinician Dashboards

Practice
Patterns

Outcomes

Link Practice
Patterns to
Outcomes

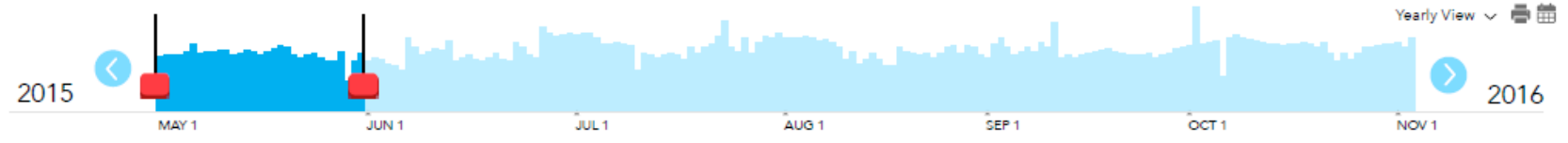
Compare to
Colleagues

Assess
Change



User-friendly, Customizable, Inviting

All encounters
Jeffrey Schumer



Census

9921 pts

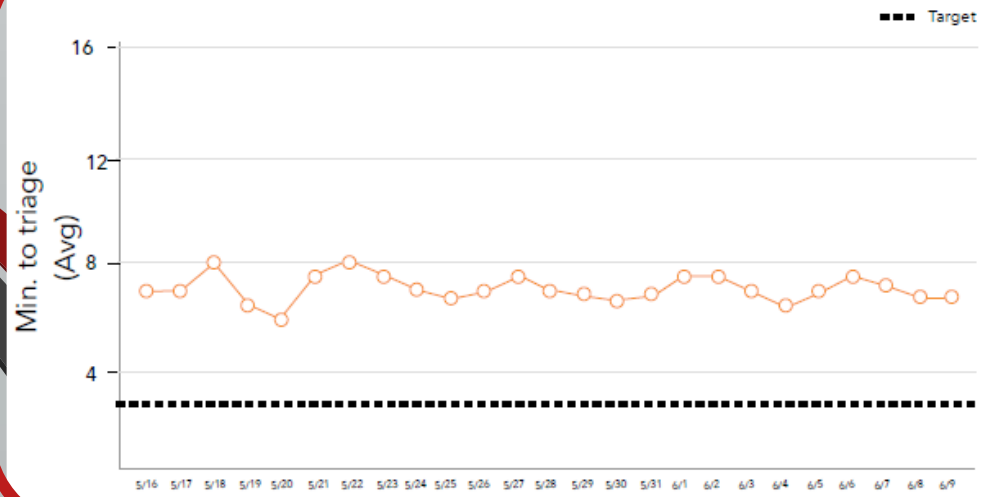
Disposition

	Schumer	Physician Avg
LWBS	77	34
AMA	93	98
Discharged	346	456
Admitted	110	132
Elopements	26	52
Total Count	652	632

Key Intervals (May 1 - May 31, 2015)

Arrival : Triage 6.61 min 6.61 min	Arrival : Roomed 22.5 min 23.0 min	Arrival : Physician 102 min 105 min	Arrival : Disposition 78.9 min 76.2 min
Triage Complete : Roomed 24.6 min 25.1 min	Roomed : Physician 98.2 min 105.4 min	Physician : Disposition 110 min 112.0 min	Admit Disposition : Admit 130 min 132.1 min

Arrival : Triage (May 16 - Jun 9, 2015)



Patients (May 1 - May 31, 2015)

Patient Name	Acuity	Physician Name
Ableton, Maya	1	Moroney, Sarah
Batson, Georgeanna	3	Littleberry, John
Bea, Marina	2	Thomas, Christina
Carbo, Hisako	1	Wang, Stephen
DeCarlo, Amanda	4	Sarker, Aneek

Clinician Dashboard

Provider: Ramirez, Angela ▼

Analysis: Practice Patterns ▼

Condition:

Vestibular Hypofunction ▼

Time:

Previous 3 months ▼

Patient Demographics

All Patients: 25

Avg. onset: 14 days



Avg. age: 53 yrs



Age range: 38–69

Total visits: 102

Complete episodes: 17

Adherence to selected guidelines:

Customized exercise program: 98%



Home exercise meets or exceeds recommended intensity: 75%



Exercises without head movement NOT prescribed: 80%



Number of visits within recommendations: 60%



Common Interventions:

- Patient Education: 100%
- VOR x1 Exercises: 85%
- VOR x2 Exercises: 40%
- Home Exercises: 85%
- Balance Exercises: 50%
- Functional Training: 20%
- Outside Referral: 15%

[see more...](#)

Measurements Conducted:

- ABC Scale: 90%
- Functional Gait Index: 60%
- DH Index: 90%
- Pre and post available for complete episodes: 50%

Clinician Dashboard

Provider: Ramirez, Angela

Analysis: Patient Outcomes

Condition: Vestibular Hypofunction

Time: Previous 10 months

Patient Demographics

All Patients: 70

Avg. onset: 13 days



Avg. age: 61 yrs



Age range: 31-77

Total visits: 420

Complete episodes: 300

Patient Goals and Satisfaction:

Patient Goals Met: 80%



[Search by Patient](#)

Patient Satisfaction Rating: 4.5



[Search by Patient](#)

Meet or exceed MCID within 30 days:

Change data available: 50%



ABC Scale³²: 62%



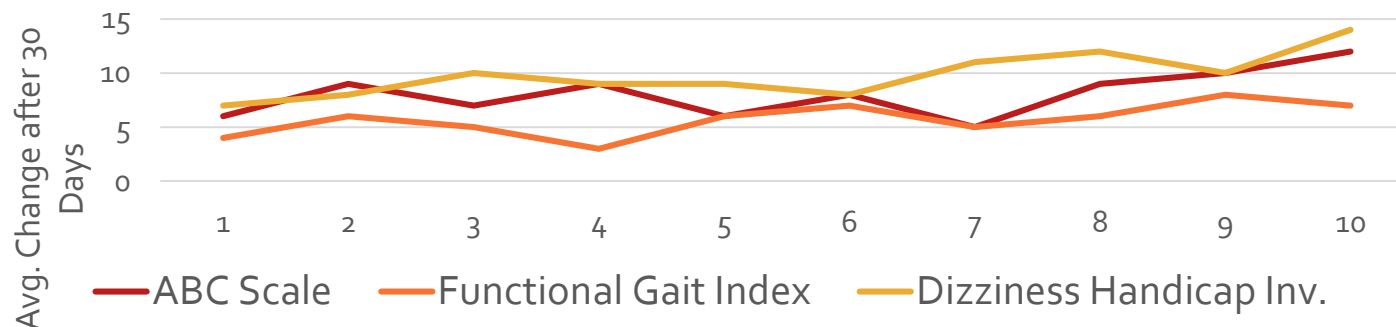
Functional Gait Index³³: 70%



Dizziness Handicap Index³⁴: 80%



Pre Post Change by Month



Clinician Dashboard

Provider: Ramirez, Angela

Analysis: Compare to Colleagues

Condition:

Vestibular Hypofunction

Time:

Previous 10 months

Patient Demographics

All Patients: 159

Avg. onset: 13 days



Avg. age: 62 yrs



Age range: 29–82

Total visits: 898

Complete episodes: 602

Patient Goals and Satisfaction:

Patient Goals Met:

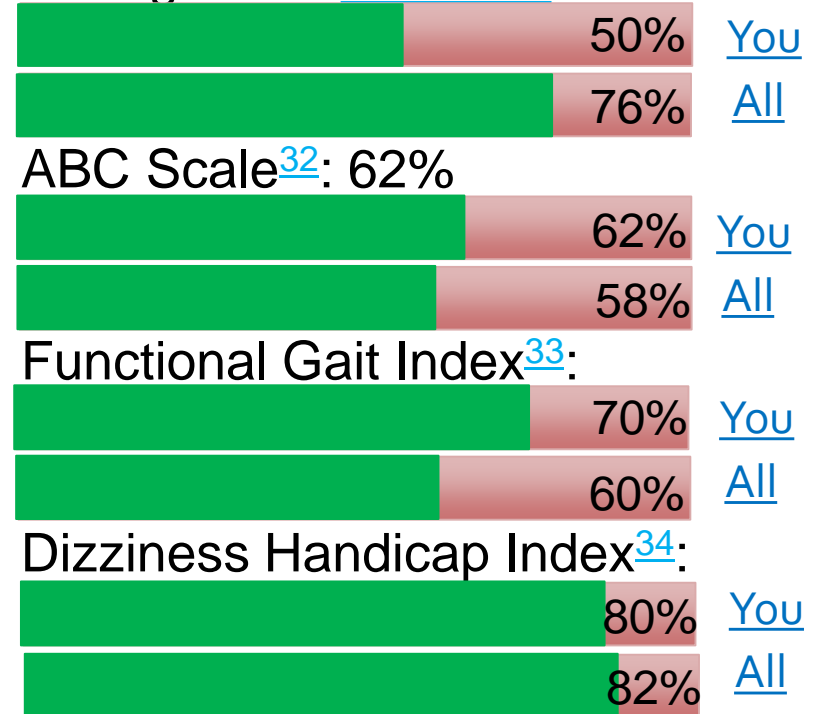


Patient Satisfaction Rating:

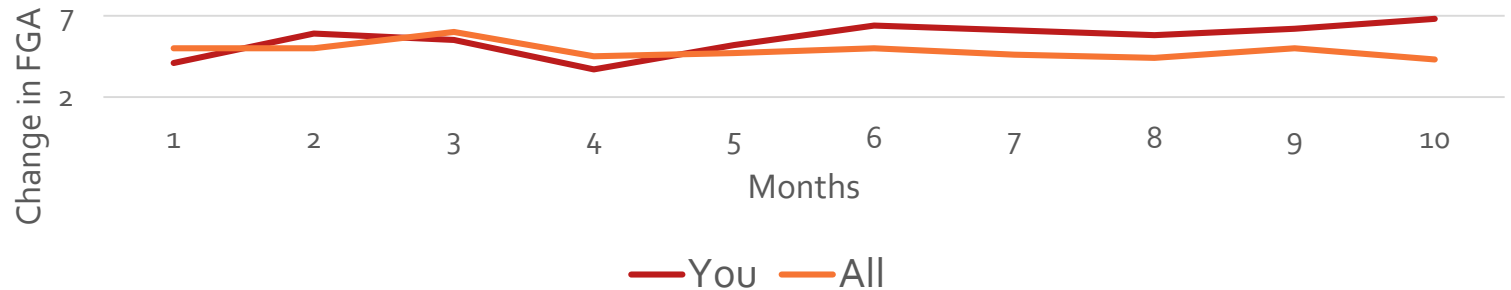


Meet or exceed MCID within 30 days:

Change data available:



Change in Functional Gait Index After 30 Days





Clinician Dashboards from EHR Data
So much opportunity to do better!!



Thank you!

Clinician Dashboard

Provider: All

Analysis: Link Practice to Outcomes

Condition:

Vestibular Hypofunction

Time:

Previous 10 months

Patient Demographics

All Patients: 159

Avg. onset: 13 days



Avg. age: 62 yrs



Age range: 29–82

Total visits: 898

Complete episodes: 602

FINDING of interest:

Patients >60 years of age are more likely to exceed MCID for all measures if they receive: VORx2 exercises, balance exercises, and between 5 and 7 visits.

FINDING of interest:

Patients reporting severe disability are more likely to report high satisfaction if they are: seen within 5 days of onset and are seen by Dr. Wong

FINDING of interest:

Patients with chronic dizziness are more likely to achieve recommended exercise intensity if they are: prescribed balance exercise and receive functional training.