

# How OpenNotes and the Patient Portal Improve Safety and Outcomes

One Teen's Difficult Medical Journey

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# Quick Overview

Thank you

OpenNotes

We are Partners

Josh's Story

How PHR and  
OpenNotes Improve  
Health and Outcomes

Action Steps for Future



# What is OpenNotes?

- A foundation-funded movement to give patients access to their medical providers' chart notes via patient portals
- Not a product or software
- OpenNotes now implemented in 150 health systems reaching more than 27.5 million patients.



# OpenNotes Engages Patients and Families

- See full care team chart notes
- Gives holistic view, perspective
- So much more than an after visit summary
- Patients have federal right to chart



# What's Your Patient Portal Experience?

- How many of you have been on your portal?
  - Were you able to find what you were looking for?
  - How many clicks did it take you?
- My story highlights importance of transparency and portal access to make things easier and safer



# My Family's Story



**The Question that  
Changed Everything...**

# Josh's Difficult Journey

- A whole different take on being unique and special
- 8-month hospital stay in two hospitals in 2015
- Dramatic medical flight to CHOP





# Josh's Challenging Journey

- Imagine being in hospital most of 8<sup>th</sup> and 9<sup>th</sup> grade
- So grateful for nurturing care at Rainbow
- Ancillary conditions, challenges
- Stages of anger to coping, maturing



Angie's Garden at

  
Rainbow Babies  
& Children's Hospital



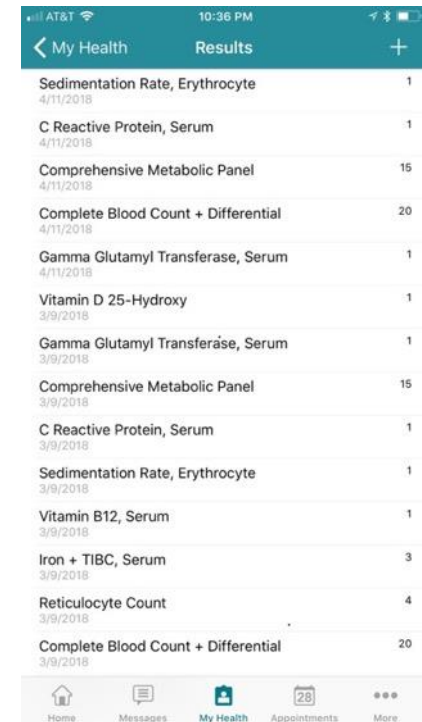
# Josh's Challenging Journey

- Fulfillment from being part of NIH research
- Fighting spirit and hope for the future
- Biomedical engineering to invent devices and help people
- Learning self-care and advocacy



# Why the Personal Health Record (PHR) is Important:

- Empowers patients with access to information
- Enhances patient safety, experience, communication
- Critical role in chronic illness to learn what to track and monitor
- Healthy patients to ensure preventive care, monitor annual PCP visits, vaccinations to avoid developing problems
- Important for self-care and self-advocacy
- Physician and nursing tool to coach and motivate patients



The screenshot shows a mobile application interface for viewing lab results. The top bar is teal with a back arrow, 'My Health', 'Results', and a plus icon. The status bar at the very top shows 'AT&T', signal strength, '10:36 PM', and battery level. The results are listed in a table with alternating light blue and white rows. Each row contains the test name, the date, and a numerical value.

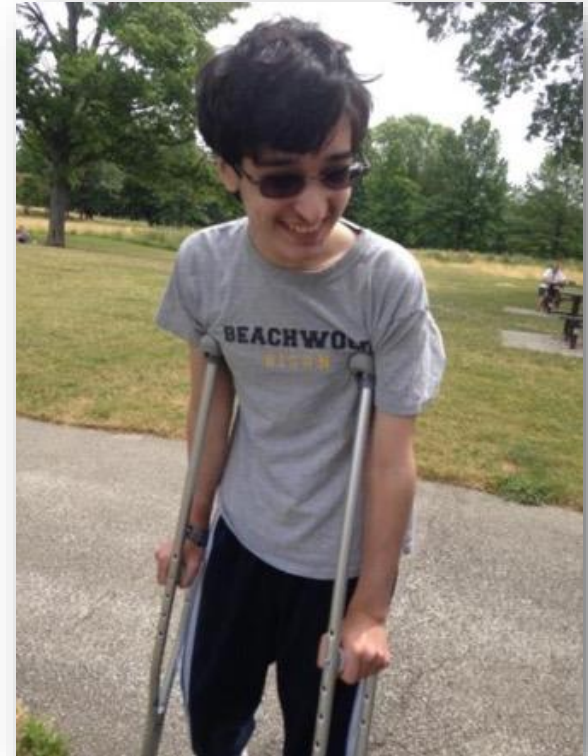
Test Name	Date	Value
Sedimentation Rate, Erythrocyte	4/11/2018	1
C Reactive Protein, Serum	4/11/2018	1
Comprehensive Metabolic Panel	4/11/2018	15
Complete Blood Count + Differential	4/11/2018	20
Gamma Glutamyl Transferase, Serum	4/11/2018	1
Vitamin D 25-Hydroxy	3/9/2018	1
Gamma Glutamyl Transferase, Serum	3/9/2018	1
Comprehensive Metabolic Panel	3/9/2018	15
C Reactive Protein, Serum	3/9/2018	1
Sedimentation Rate, Erythrocyte	3/9/2018	1
Vitamin B12, Serum	3/9/2018	1
Iron + TIBC, Serum	3/9/2018	3
Reticulocyte Count	3/9/2018	4
Complete Blood Count + Differential	3/9/2018	20

The bottom navigation bar has five icons: Home (house), Messages (speech bubble), My Health (person with heart), Appointments (calendar), and More (three dots).

# PHR As Coaching Tool By Care Team

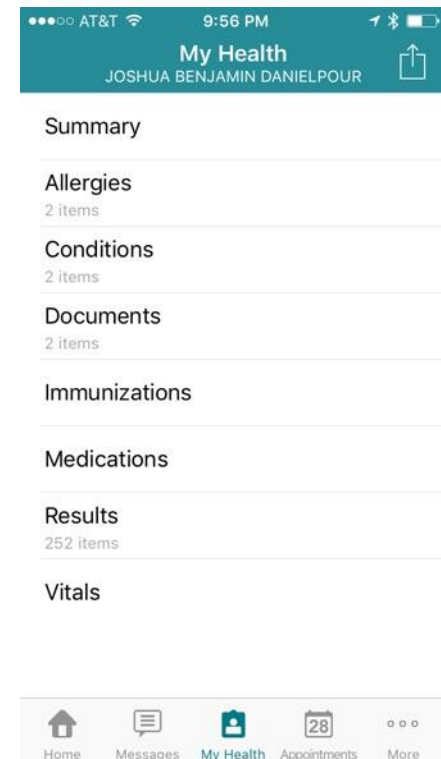
- Teaching us what we need to understand about the disease
- Communicating results promptly while showing us what we can monitor ourselves
- Lets medical team focus on big picture; how best to help patient rather than endless details

**PHR gives sense of control that chronic illness takes away**



# PHR Saves Patient and Family Time

- Quickly see context of lab values and trends
- Use physician messaging to ask a quick question
- Access PHR through the app during an ER visit
- Coordinate care, share labs, tests, chart notes between health systems



# OpenNotes Improves Quality of Documentation

- Traditionally purpose of chart note = communication with other clinicians + billing
- New way = Co-generation of notes
- Collaboration of care between provider, patient and family
- Builds strong relationships



# OpenNotes Improves Quality of Documentation

- Problem of poor documenters leads to more adverse events, patient safety risk
- Transitioning from traditional language, ie “patient denies, admits”
- Acronyms are a safety issue
- Using pejorative terms hurts trust

***Consider this:*** 1 out of every 2 adults in the U.S. have a chronic disease, according to the CDC





# OpenNotes Increases Transparency, Safety

- Many sets of eyes safer than just the clinician
- Catch problems before they happen
- Asking questions saves lives, improves quality of care
- Identify incorrect medications, dosages, diagnoses, descriptions, symptoms, history, clinician names



# OpenNotes Engages Patients and Families

- **Colors in the lines** of the patient experience
- Helps patient & family review information in their own time
- Reinforce details hard to remember after the visit
- Remember instructions
- Make sure on same page...
- Even if you don't agree with the care plan

➤ **Are you involved in a PFAC?**



# How Patient & Family Advisory Councils Improve Care and Safety

**Collaboration of committed patients, families, medical staff and professionals:\***

- Make policy and program decisions
- Enhance patient and family experience
- Invite patients/family to be member of health system committees
- Advocates in implementing OpenNotes

**New National Health IT PFAC  
sponsored by OpenNotes  
and PFCCpartners**



\*See related information on PFACs on AHRQ and PFCCpartners web sites, and NEJM Catalyst articles

# OpenNotes – Join the Movement

## ACTION STEPS

- Patient and Family Advisors as advocates
- OpenNotes.org as a resource – toolkits, FAQs, research
- PFAC toolkit: <https://www.opennotes.org/pfac-toolkit>
- Find out if your health systems use OpenNotes. Check map listing health systems offering OpenNotes at <https://www.opennotes.org/join/map>.
  - ✓ If your health system is on the list, ask your clinicians if they are participating in OpenNotes and how to access them
  - ✓ If your health system is not on the list and is sharing notes, contact Deb Wachenheim, Assistant Director, Dissemination at OpenNotes
  - ✓ If your health system is not on the list but you wish they were, explore opennotes.org, contact for support, bring to PFAC or others



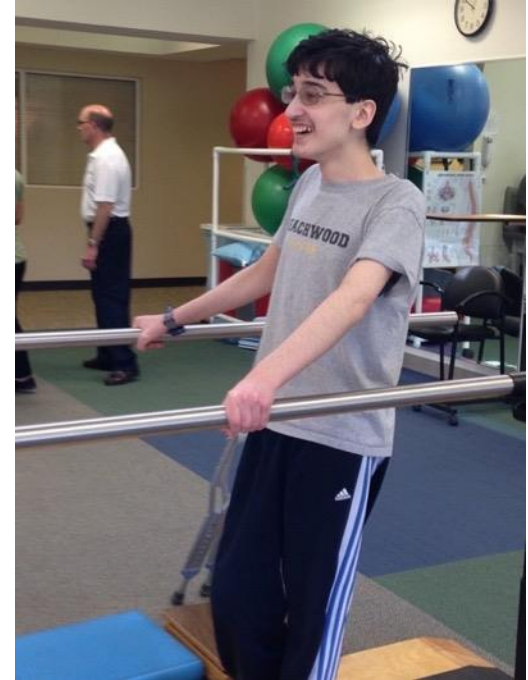
# You make all the difference.

Thank you for all you do for patients.

## **ACTION STEPS**

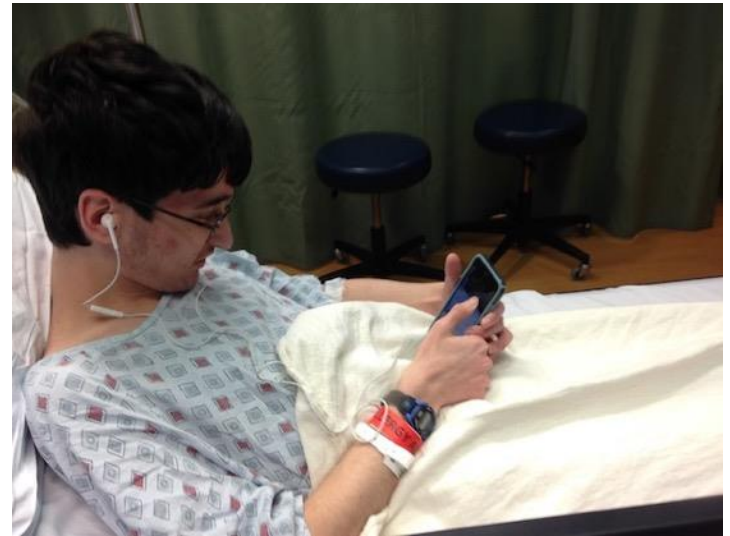
**How you can maximize the PHR as a tool:**

- Create education and coaching with your PFAC on how to best use the patient portal for patient family needs



# Action Steps:

- Make sure front line staff have knowledge to help patients/family.
- Encourage patients/families to sign up for PHR.
- Coach what to watch for; tools they can use.
- Be positive about benefits of registering for and using PHR.
- Plan for patient service issues. If a patient has problem signing up or accessing PHR, what do staff tell them?





# The Portal is Truly a **PERSONAL** Health Record

- Yes, it's a regulatory requirement, but it is so much more
- PHR is vital part of your patient relationship
- Use it to educate, coach, and engage.
- Improve health and outcomes

## Think about...

- One or two **simple action steps you can take** when you get home



# Making a Difference from My Son's Journey

University Hospitals Rainbow Babies & Children's Hospital **Patient and Family Partnership Council Vice President**

University Hospitals **Patient-Facing Technology Governance Committee**

New National I.T. **Patient and Family Partnership Council** co-founded by OpenNotes and PFCCpartners



# Thank You!

## Questions?

*Thank you to Dr. John Santa and Deborah Wachenheim with OpenNotes for their support and help preparing for this presentation.*

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