

# STORM

**Clinical Decision Support Toolkit**

**Fall 2015 Final Presentation**

# Introduction

# Presentation Outline

**1** Introduction

**2** Co Creation Analysis

**3** The Toolkit

**4** HELP SCD Website

Architecture  
Navigation  
Aesthetic

**5** HELP SCD Prototype

# Design Team

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Interior Design  
Co-op

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Student

**Tommy Teng**

Design Graduate  
Student

**Fernanda Fernandes**

Design Graduate  
Student

# Refinement Process

## 01

### Co Creation Analysis

Toolbelt and Toolbox Data



Scenario Analysis



Scenario Flowchart & Matrix



## 03

### Toolkit Production

Toolkit Synthesis



Website Architecture



Website Aesthetic



HELP SCD Refinement



Printables Refinement



Analogue Toolkit



### HELP SCD Creation

## 02

# Project Goal

## Provider Education

**Develop an interactive web-based toolkit that will educate providers on the management of sickle cell disease with hydroxyurea.**

The digital toolkit will include a **variety of materials** such as **checklists, frequently asked questions, and learning modules**, which providers can access easily for sickle cell disease and hydroxyurea education. The toolkit is equipped to be translated into an analogue format for providers who are more familiar with paper-based learning.

# Interviews



- Camille Graham
- Bradley Jackson
- Dr. Santiago
- Suzette Oyeku

- Charles Quinn
- Peggy Kaiser
- Jane Little
- Hyon Kim
- Kay Saving
- Stephen Nelson
- Julie Panepinto
- Annette Lavender

- Punam Malik
- Payal Desai
- Patrick McGann
- Karen Kalinyak
- Bev Schaefer
- Valarie Cachat
- Brandon Hardesty

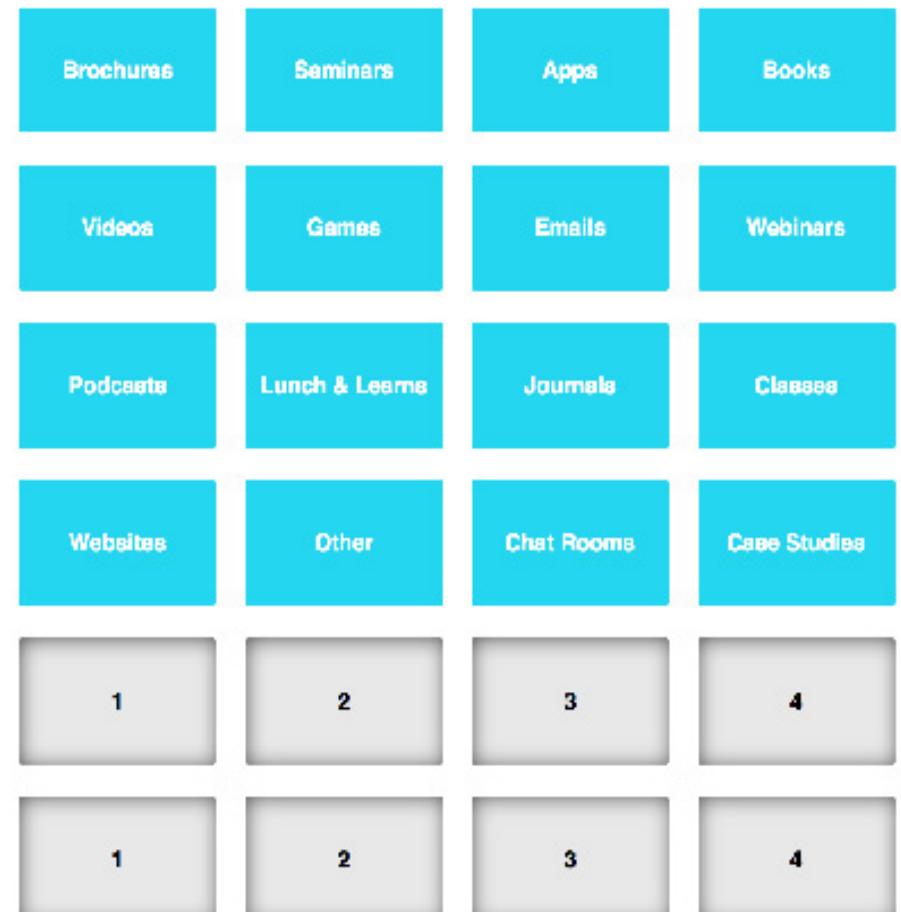
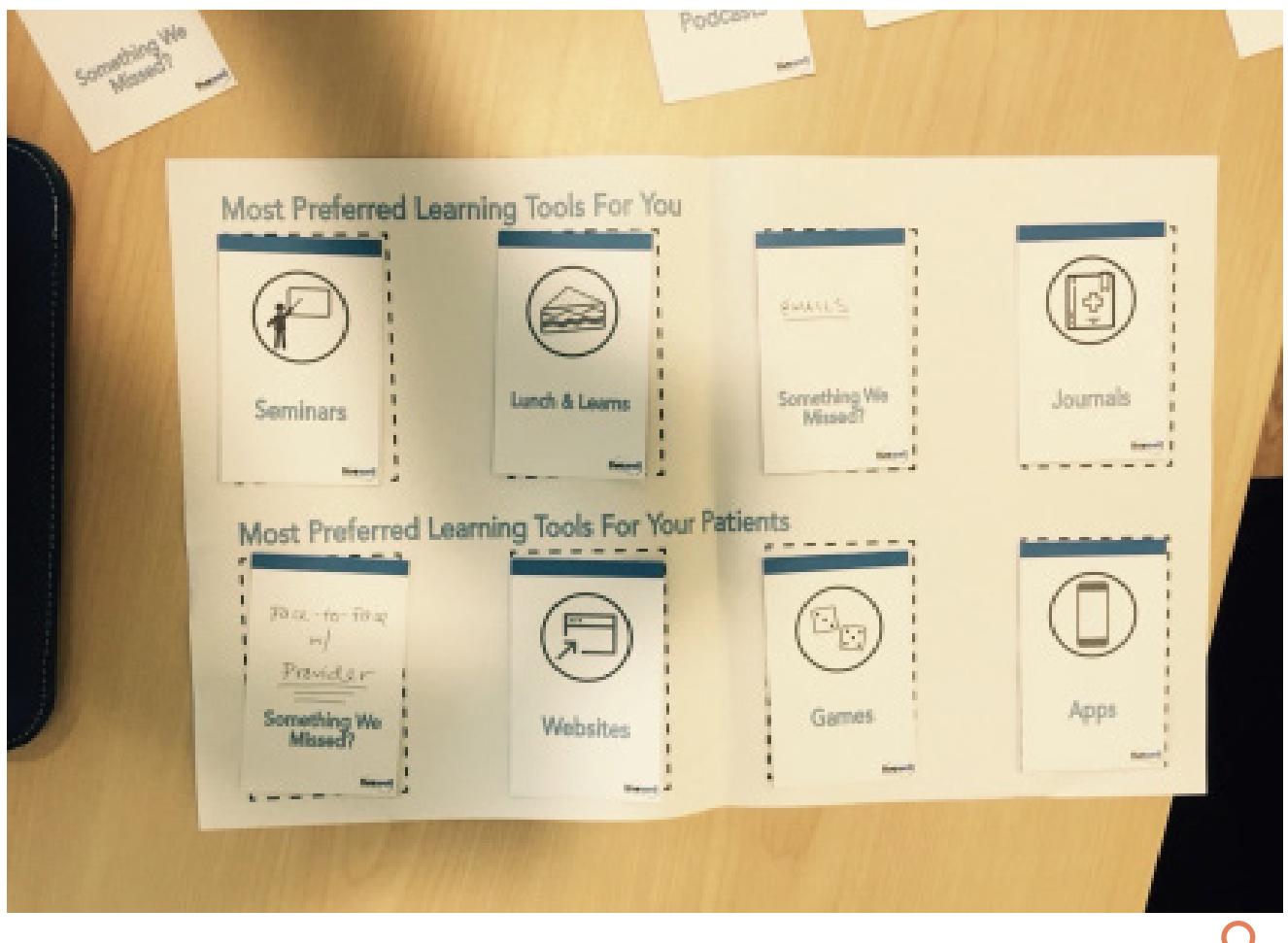
- Prasad Bodas
- Edward Donnell Ivy

# Interview Activity

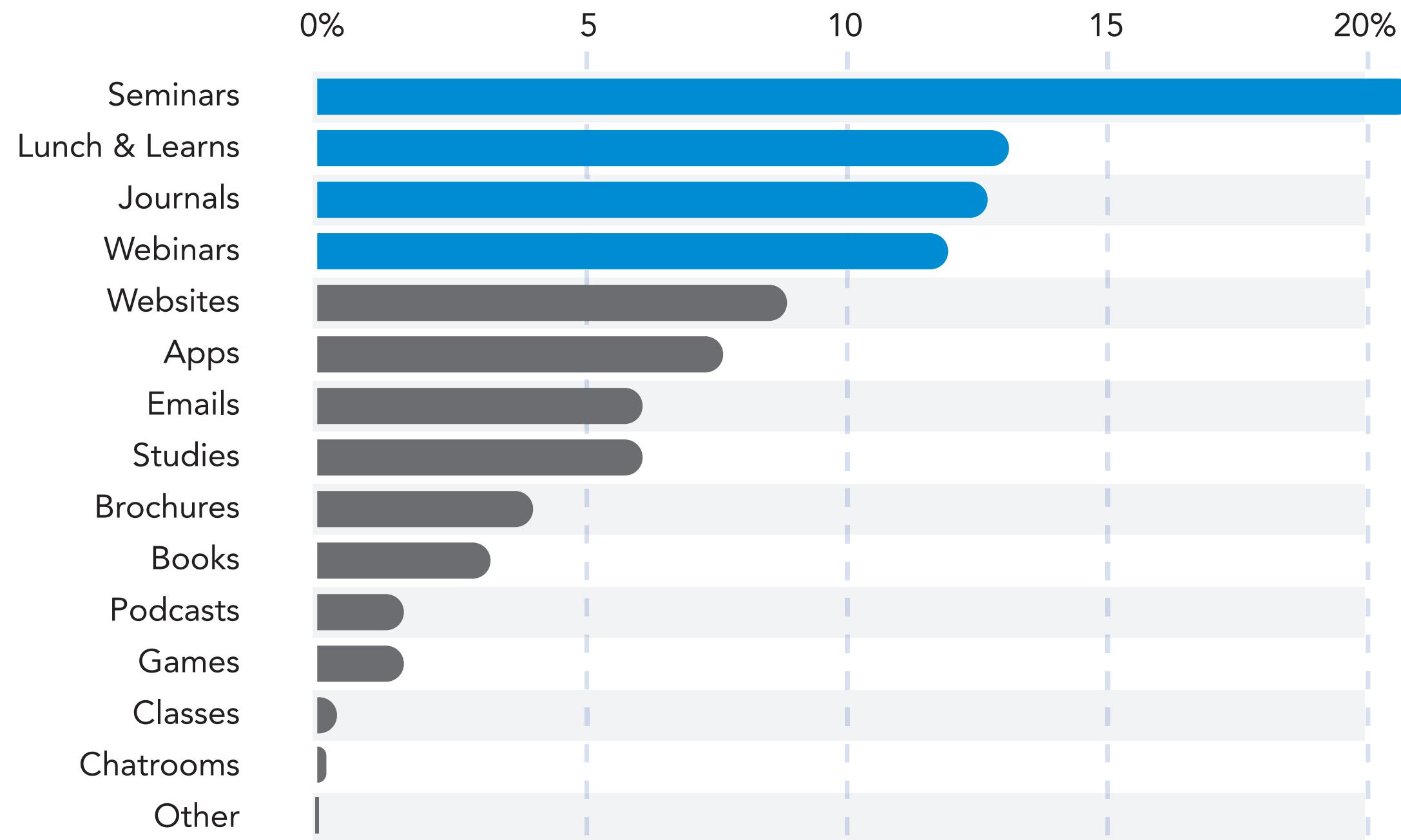
## Education Preferences

What tools do providers use most to learn?

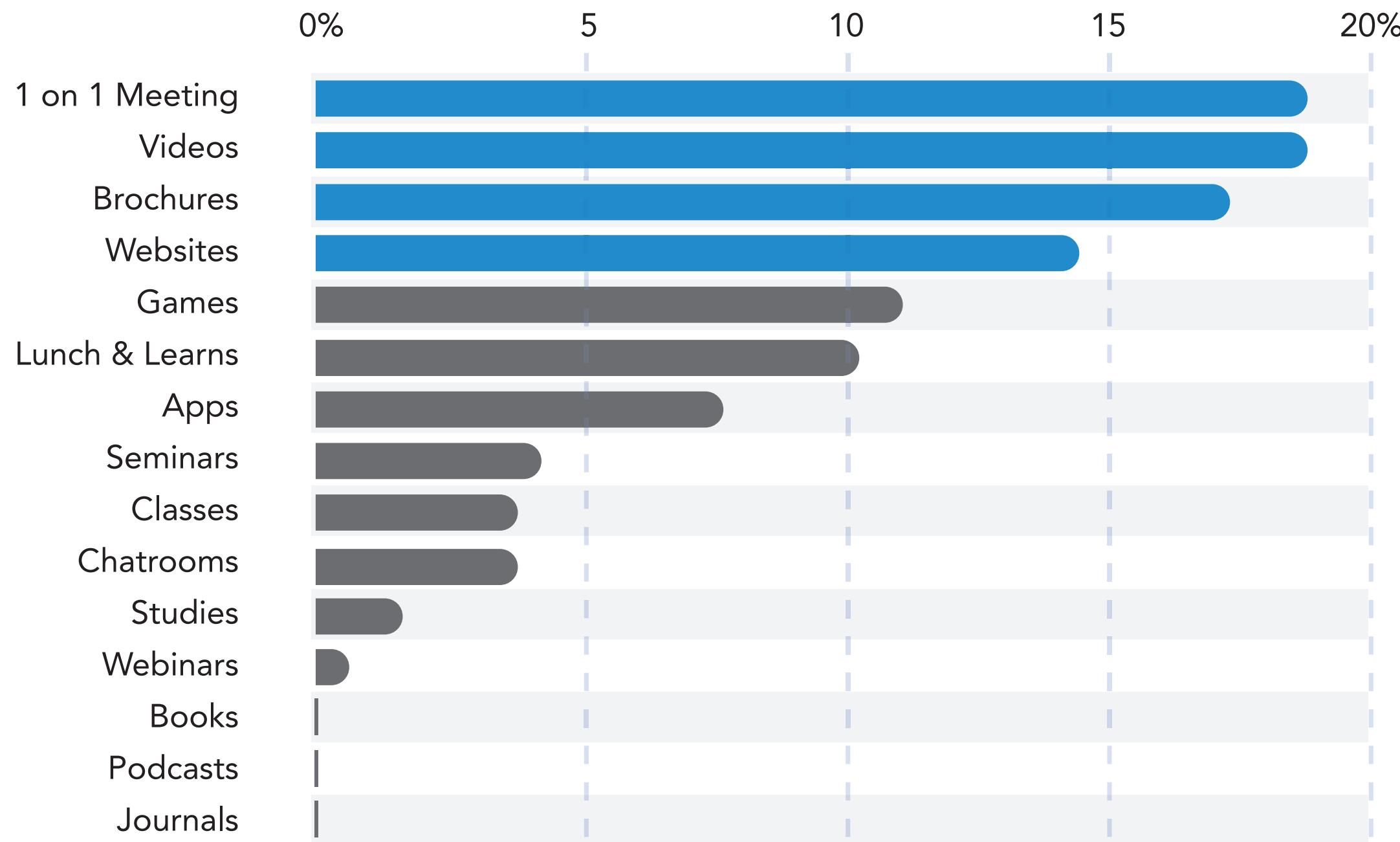
What tools do providers *think* patients use most to learn?



# Data Analysis Provider Tool Preferences



# Data Analysis Assumed Patient Tool Preferences

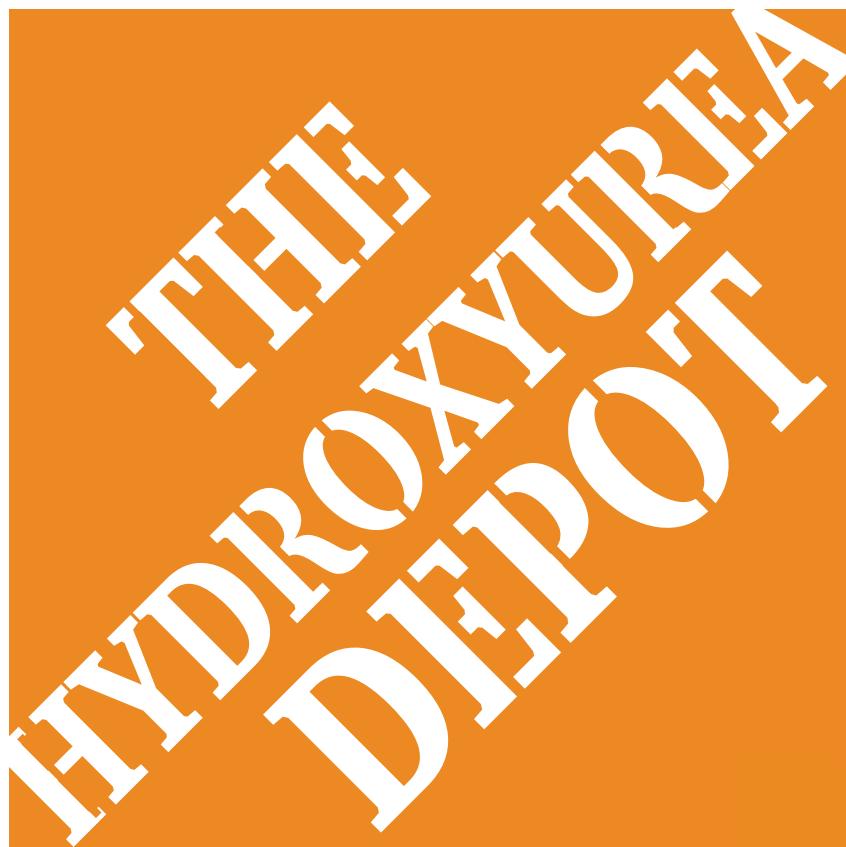


# Co Creation Analysis

# Co-creation Session

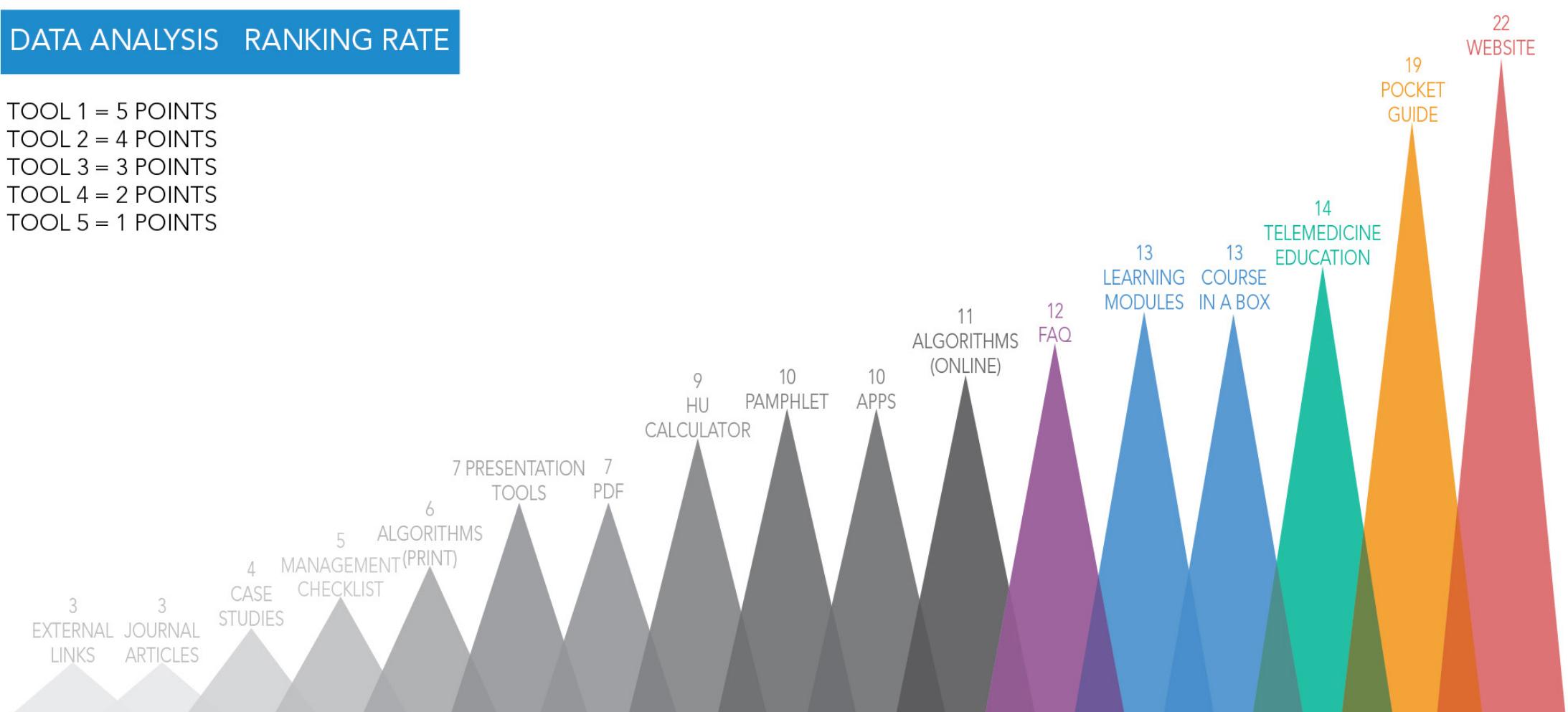
## Toolkit Shopping at the Hydroxyurea Depot

Providers and patients went to the Hydroxyurea Depot to pick their favorite learning tools. All participants were given their own toolbelt for the tools they would use the most. Afterwards, individuals were placed into teams to come up with a group toolbox that they would later use during scenarios.



# Provider Toolbelt Data

The Live Well Team took each providers toolbelt and gave each tool points depending on the priority of the tool on the belt. For example if website was in the first tool slot, and was first on two toolbelts, website would have a total of 10 points. This helped us understand the tools providers preferred the most.



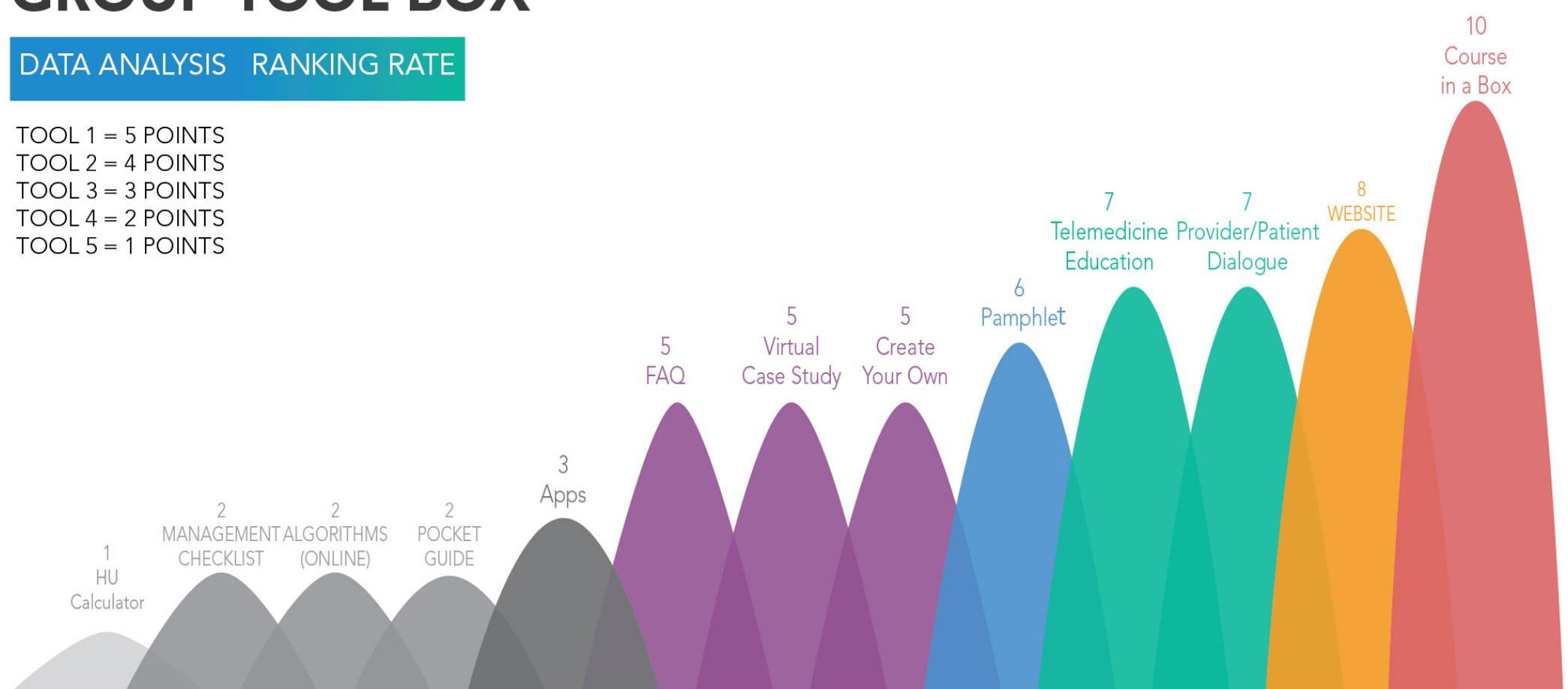
# Toolbox Data

The team followed the same protocol for analyzing the toolbox data. We found that for both boxes and belts, providers liked websites, telemedicine education, and frequently asked questions.

## GROUP TOOL BOX

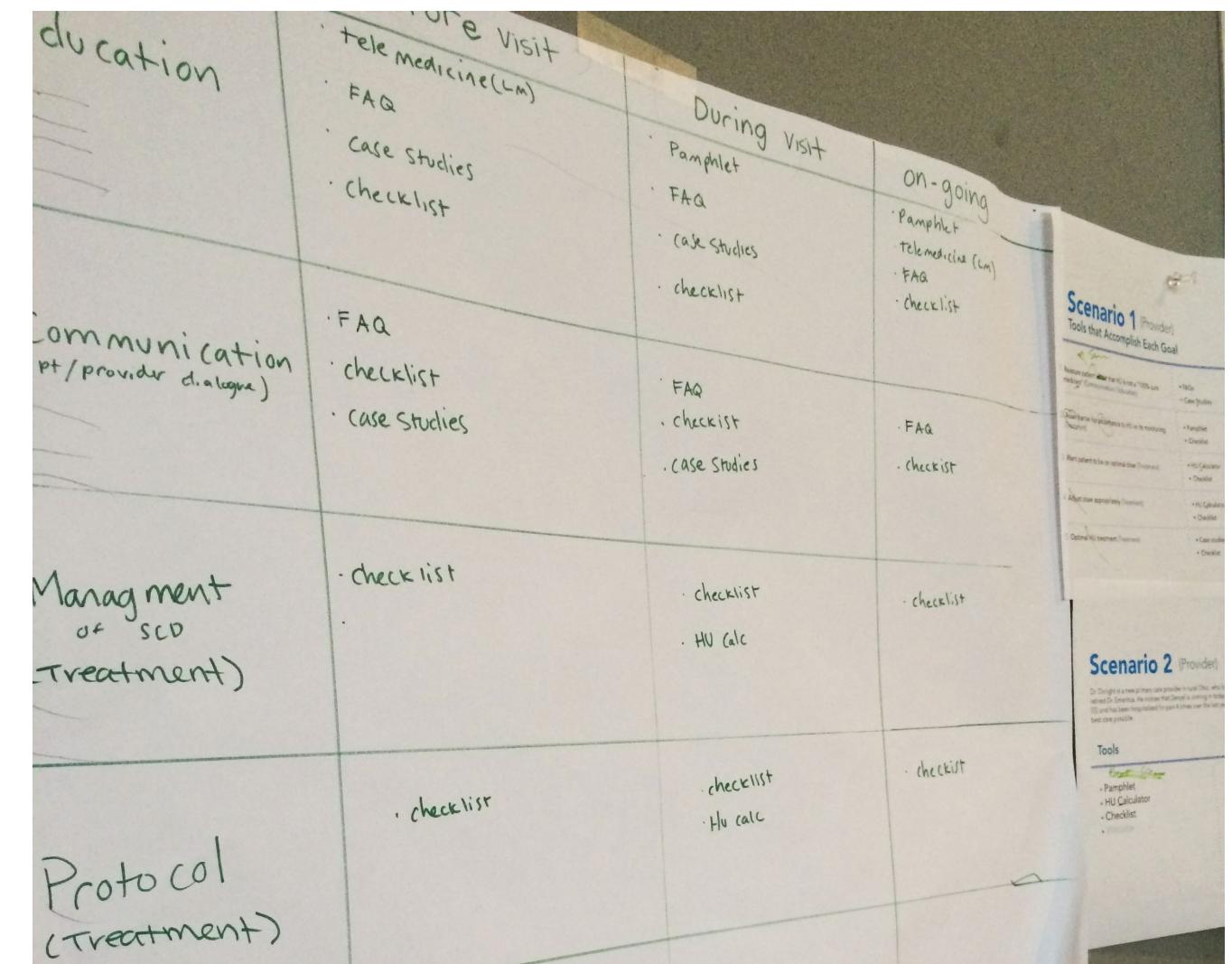
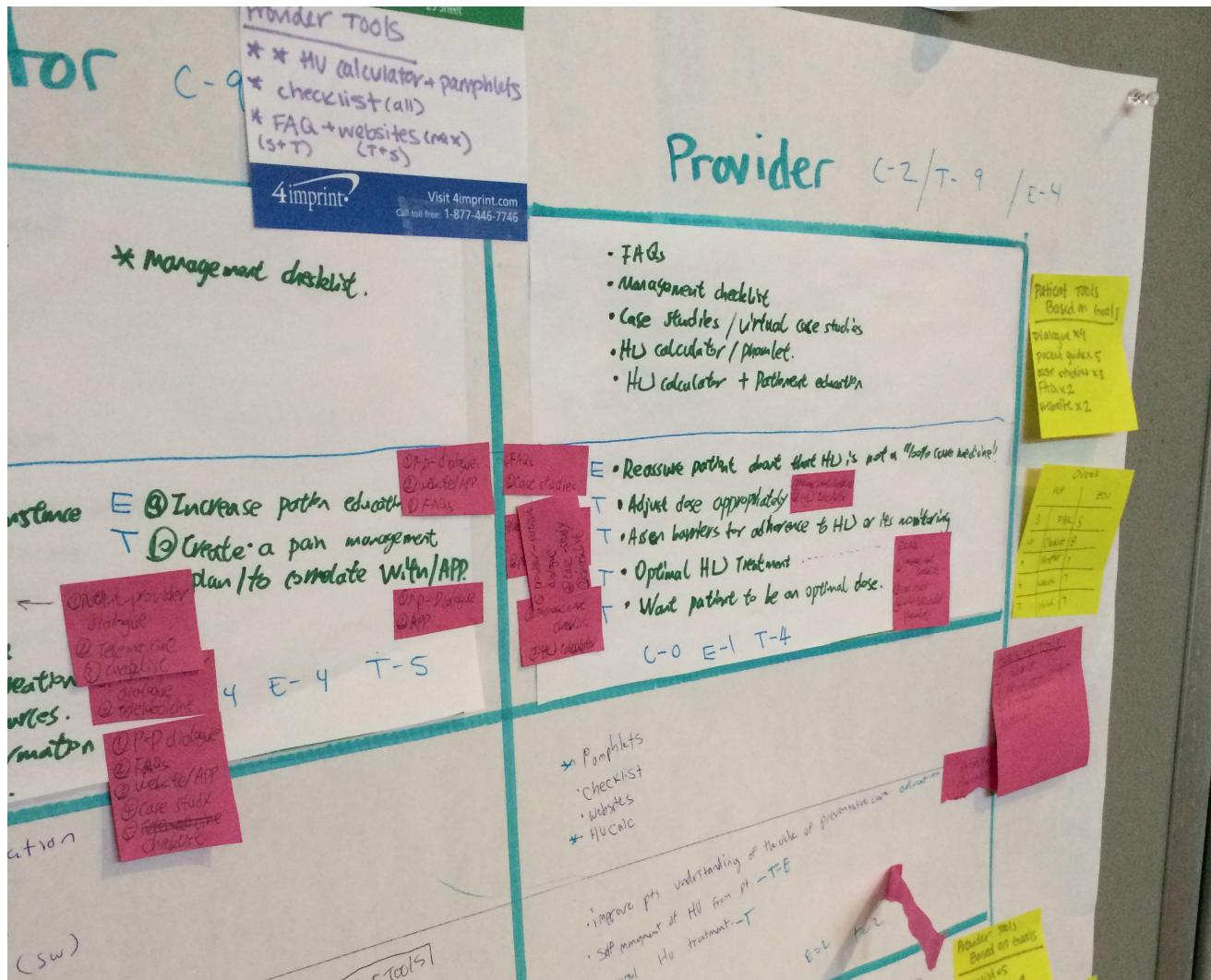
### DATA ANALYSIS RANKING RATE

TOOL 1 = 5 POINTS  
TOOL 2 = 4 POINTS  
TOOL 3 = 3 POINTS  
TOOL 4 = 2 POINTS  
TOOL 5 = 1 POINTS



# Scenario Analysis

After we understood what provider's preferred learning tools were, we analyzed how they used their tools in scenarios. Providers were asked to define the obstacle, best tools to use, and the goal.



# Scenario Analysis Example

## Scenario 1

Kanye is a 12-year-old boy with hemoglobin SB0 who has been taking HU for a year and a half. He had not had any pain crises for 6 months, until two weeks ago when he was hospitalized for one week. Kanye is scheduled to come in today for a hospital follow-up.

### Tools Providers Used

- Hu calculator + Patient education
- Hu calculator + Pamphlet
- Case studies / Virtual case studies
- Management checklist
- FAQs

### Provider's Goals

- Reassure patient that HU is not a "100% cure" ([Communication / Education](#))
- Assess barriers for adherence to HU and its monitoring ([Treatment](#))
- Optimize dose ([Treatment](#))

# Scenario Analysis Example

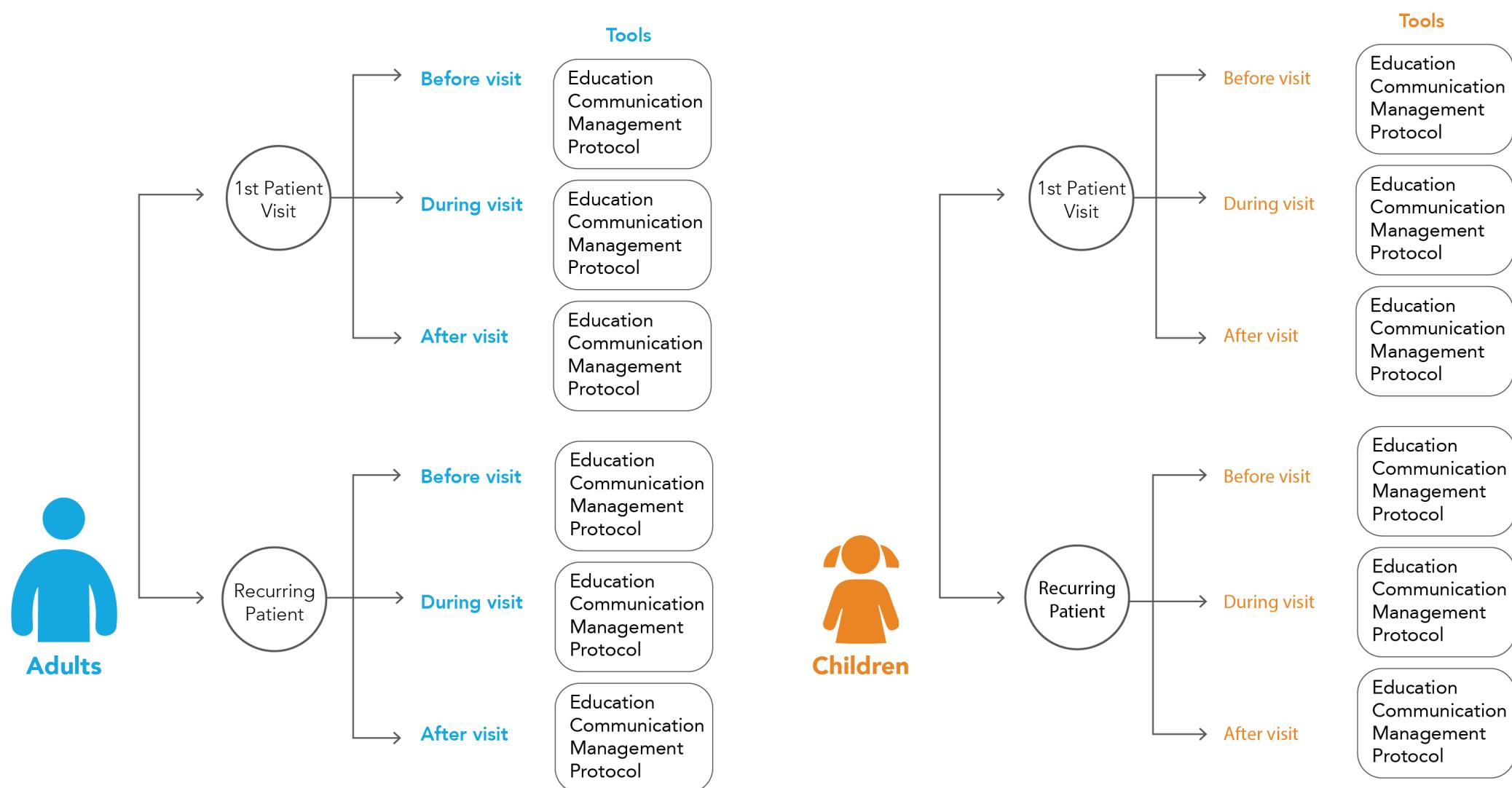
## Scenario 1

Kanye is a 12-year-old boy with hemoglobin SB0 who has been taking HU for a year and a half. He had not had any pain crises for 6 months, until two weeks ago when he was hospitalized for one week. Kanye is scheduled to come in today for a hospital follow-up.

Provider's Goals	Tools that Accomplish Each Goal		
• Reassure patient that HU is not a "100% cure." (Communication / Education)	• FAQs • Case studies	• Pamphlets	
• Assess barriers for adherence to HU and its monitoring. (Treatment)	• Pamphlets • Checklist	• Case studies	
• Optimize dose (Treatment)	• Case studies • Checklist	• Pamphlets • FAQ • HU calculator	

# Scenario Flow Chart

We created a flow chart in order to understand how the time of the visit related to the tools that best served different goals.



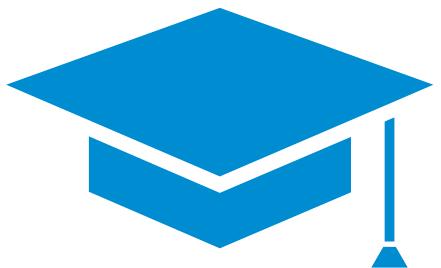
# Scenario Matrix

Finally, we created a matrix to organize which most popularly used tools accomplished various goals at specific times.

HelpSCD	Before	During	On-going
LM = Learning Modules			
Education	Telemedicine (lm) FAQs Case studies Checklist	Pamphlet FAQs Case studies Checklist	Pamphlet Telemedicine (LM) FAQs Checklist
Communication (dialogue)	Faqs Case studies Checklist	Checklist Hu calculator	FAQs Checklist
Management (treatment)	Checklist	Checklist Hu calculator	Checklist
Protocol (treatment)	Checklist	Checklist Hu calculator	Checklist

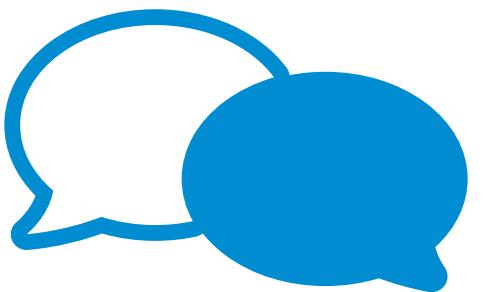
# Design Goals

Our Co Creation synthesis revealed three main goals that were imperative when designing the HELP SCD website and all subsequent tools. Each tool must satisfy at least one design goal to be successful.



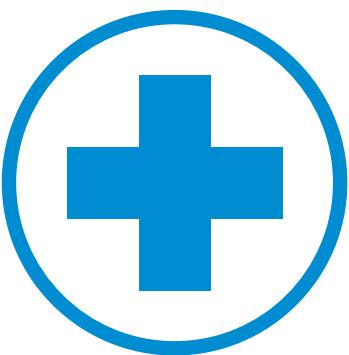
## Education

Tools that educate all stakeholders about hydroxyurea treatment and sickle cell disease.



## Communication

Tools that improve the patient provider dialogue.



## Treatment Optimization

Tools that improve the treatment protocol for doctors. Tools that provide strategies for patients when managing their hydroxyurea treatment.

# The Toolkit

# Benchmarking

After identifying which tools needed refinement, the Livewell Team benchmarked how others had interpreted these tools.

**Knowledge Center**  
ASPHO's rich and diverse resources address key workplace and clinical issues relevant to professionals at every career stage in the pediatric hematology/oncology field. It's easy to stay informed with ASPHO's convenient and topical resources.

**Learning Modules**

**SURVEY RESULTS** | **WEBINAR** | **CASE QUIZ**

2015 Compensation Survey Report | Immune-based Therapies for Relapsed/Refractory... | Infant female with an abdominal mass

**Website**

**SITE ACCESSIBILITY**

**Standards Matrix**

**WCAG 2.0 Conformance Requirement**

- Principle 1 – Perceivable**: Information and user interface components must be presentable in ways that do not result in perceptual barriers for users with disabilities. This includes text alternatives, time-based media, and media descriptions.
- Principle 2: Operable**: User interface components and navigation must be operable. This includes keyboard accessibility, sufficient time for users to read and use content, and low cognitive demand.
- Principle 3: Understandable**: Information and the operation of user interface must be understandable.

**Surgical Safety Checklist**

**Before Induction of Anaesthesia**

- Has the patient confirmed his/her identity, site, procedure & consent?
- Is the site marked?
- Is the anaesthesia machine and medication check complete?
- Is the pulse oximeter on the patient and functioning?
- Does the patient have a known Allergy?
- Does the patient have a difficult airway or aspiration risk?
- Does the patient have a risk of significant blood loss?
- Is there equipment/Assistance available?
- Are there any patient-specific concerns?
- Are there equipment issues or concerns?
- Is essential imaging displayed?

**Checklist**

- Has all team members introduced themselves by name and role?
- Has the patient's name, procedure and incision site been confirmed?
- Has antibiotic prophylaxis been given within the last 60 minutes?
- Has surgeon identified the critical and non-critical steps?
- Has surgeon estimated how long the case will take?
- Has surgeon estimated the anticipated blood loss?
- Are there any patient-specific concerns?
- Has sterility (including indicator results) been confirmed?
- Are there equipment issues or concerns?

**Elements and atoms**

**Videos**

A video player showing a video titled "Elements and atoms". The video frame shows a close-up of a pinkish-purple mineral with the word "gold" written on it.

**Pamphlets**

"Of all the forms of inequality, injustice in health care is the most shocking and inhumane."

—Dr. Martin Luther King, Jr.

The Center for Health Policy and Law is committed to improving the health of all people in the United States through its programs in law, policy, and advocacy.



**Surgical Safety Checklist**

**Before induction of anaesthesia**

**Before skin incision**

**Before patient transfer**

**With nurse**

**Nurse Verifies:**

- Confirms all team members have introduced themselves by name and role.
- Confirms the patient's name, procedure, and where the incision will be made.
- Has antibiotic prophylaxis been given within the last 60 minutes?
- To Surgeon:
  - What are the critical or non-critical steps?
  - How long will the case take?
  - What is the estimated blood loss?
  - Are there any patient-specific concerns?
- To Nursing Team:
  - Has sterility (including indicator results) been confirmed?
  - Are there equipment issues or concerns?
- Is essential imaging displayed?

This checklist is not intended to be comprehensive. Additions and modifications to fit local practice are encouraged.

Source: World Health Organization. Used with permission.

**my accounts** | **repayment options** | **payments** | **help** | **my profile**

**Learning Modules**

**Knowledge**

**view all topics** | **current students** | **former students** | **parents**

**Top Six Ways to Reduce What**

There's a lot to understand about student loan repayment. Here are six ways to limit or reduce the amount of money you owe.

**Top Six Ways to Reduce What**

- Right click on This PC or Computer in the navigation pane and select Properties.
- In the System information screen, find the System type entry. This will indicate whether your computer is 32-bit or 64-bit.

If you do not have an operating system installed, you should refer to the documentation provided by the manufacturer regarding processor capabilities on their websites.

For other options and more information on Windows 7 visit the [Windows 7 32-bit and 64-bit Advisor](#).

**Software Download**

**FAQ**

**Frequently Asked Questions**

**What's the difference between 32-bit and 64-bit versions of Windows?**

**How do I tell if my computer can run a 64-bit version of Windows?**

**How do I find my Windows product key?**

**NASA Wavelength**

**Website**

**Home** | **About** | **News and Events** | **Data & Images** | **Strandmaps** | **Blog**

**CARBON and CLIMATE**

Frontiers of Climate Science

Discover Educator Resources for These Categories

# The Toolkit

## Learning Modules



The HELP SCD learning modules are organized into different **categories** such as videos, webinars, and case studies. The modules can be sorted using **descriptive tags** to find specific content. Each module also comes with its own **educational quiz**.

**Knowledge Center**  
ASPHO's rich and diverse resources address key workplace and clinical issues relevant to professionals at every career stage in the pediatric hematology/oncology field. It's easy to stay informed with ASPHO's convenient and topical resources.

**Benchmarking**

- 2015 Online Review Course**
- Webinars**
- Pediatric Blood & Cancer**
- Endorsements**
- ASPHO eNews**

**Survey Results**  
2015 Compensation Survey Report  
Added Nov 12, 2015

**WEBINAR**  
Immune-based Therapies for Relapsed/Refractory...  
Added Oct 29, 2015

**CASE QUIZ**  
Infant female with an abdominal mass  
Added Oct 23, 2015

**WEBINAR**  
CASE QUIZ  
CASE QUIZ

**Getting Started**

**Learning Modules**

**Frequently Asked Questions**

**Checklist**

**Notes**  
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**Learning Modules**

**Livewell**

**Filter Tags:** ▾ **Sort By:** ▾ **Search**

Video	Video	Presentation
Diagnostic pearls in vascular anomalies	Title goes here	Title goes here
Kids Management	Kids Management	Kids Management
Communication	Communication	Communication Learning
<b>Presentation</b>	<b>Webinar</b>	<b>Webinar</b>
Title goes here	Title goes here	Title goes here

# The Toolkit

## Frequently Asked Questions



Frequently asked questions come with a drop down feature for each question that includes **provider and patient responses** as well as coordinated imagery.

**Microsoft**

**Software Download**

Shop ▾ Products ▾ Downloads ▾ Support ▾

**Benchmarking**

**Frequently Asked Questions**

(+) What's the difference between 32-bit and 64-bit versions of Windows?

(-) How do I tell if my computer can run a 64-bit version of Windows?

If you have a Windows operating system installed, open File Explorer or This PC.

1. Right click on This PC or Computer in the navigation pane and select Properties.
2. In the System information screen, find the System type entry. This will indicate what type of processor your device has.

If you do not have an operating system installed, you should refer to the documentation that came with the device. Most provide information regarding processor capabilities on their websites.

For other options and more information on Windows 7 visit the [Windows 7 32-bit and 64-bit FAQ](#) page or download an Advisor.

(+) How do I find my Windows product key?

**Getting Started**

**Case Studies**

**Checklist**

**Frequently Asked Questions**

**Pocket Guide**

**Dosing Calculator**

**Pamphlet**

**Notes**

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**Livewell**

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# The Toolkit

# Checklist



Checklists are organized by **visit time and patient age**. They can be interacted with digitally or printed out for use outside the computer. The checklist comes with **recommendation strengths** to help providers make informed decisions.

# Surgical Safety Checklist

 World Health Organization | A Part of

**Before Induction of Anaesthesia**  
(with at least nurse and anaesthetist)

Green Confirmed or NA	Red Not Confirmed
--------------------------	----------------------

1. Has the patient confirmed his/her identity, site, procedure & consent? [Green/Red Box]
2. Is the site marked? [Green/Red Box]
3. Is the anaesthesia machine and medication check complete [Green/Red Box]
4. Is the pulse oximeter on the patient and functioning? [Green/Red Box]
5. Does the patient have a known Allergy? \_\_\_\_\_ [Green/Red Box]
6. Does the patient have a difficult airway or aspiration risk? [Green/Red Box]

If yes,  
 • Is equipment/Assistance available [Green/Red Box]

7. Does the patient have a risk of >500ml blood loss (7ml/kg in children?) [Green/Red Box]

• If yes,  
 are two IVs/central access and fluids planned? [Green/Red Box]

**Before Skin Incision**  
(with nurse, anaesthetist and surgeon)

Green Confirmed or NA	Red Not Confirmed
--------------------------	----------------------

10. Have all team members introduced themselves by name and role? [Green/Red Box]
11. Has the patient's name, procedure and incision site been confirmed? [Green/Red Box]
12. Has antibiotic prophylaxis been given within the last 60 minutes? [Green/Red Box]

**Anticipated Critical Events To Surgeon:**

13. Has surgeon identified the critical and non-critical steps? [Green/Red Box]
14. Has surgeon estimated how long the case will take? [Green/Red Box]
15. Has surgeon estimated the anticipated blood loss? [Green/Red Box]

**To Anaesthetist:**

16. Are there any patient-specific concerns? [Green/Red Box]

**To Nursing Team:**

17. Has sterility (including indicator results) been confirmed? [Green/Red Box]
18. Are there equipment issues or concerns? [Green/Red Box]
19. Is essential imaging displayed? [Green/Red Box]

**Benchmarking**

**Nurse Verbally Confirms:**  
20. The name of the procedure \_\_\_\_\_

**Completion of instrument, sponge and needle counts** \_\_\_\_\_

**Specimen labelling (read specimen labels aloud, including patient name)** \_\_\_\_\_

**Whether there are any equipment problems to be addressed** \_\_\_\_\_

**Surgeon, Anaesthetist and Nurse:**  
24. Determined the key concerns for recovery and management of this patient \_\_\_\_\_

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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 Order markers and checklist boards at 585-586-0152 or checklistboards.com

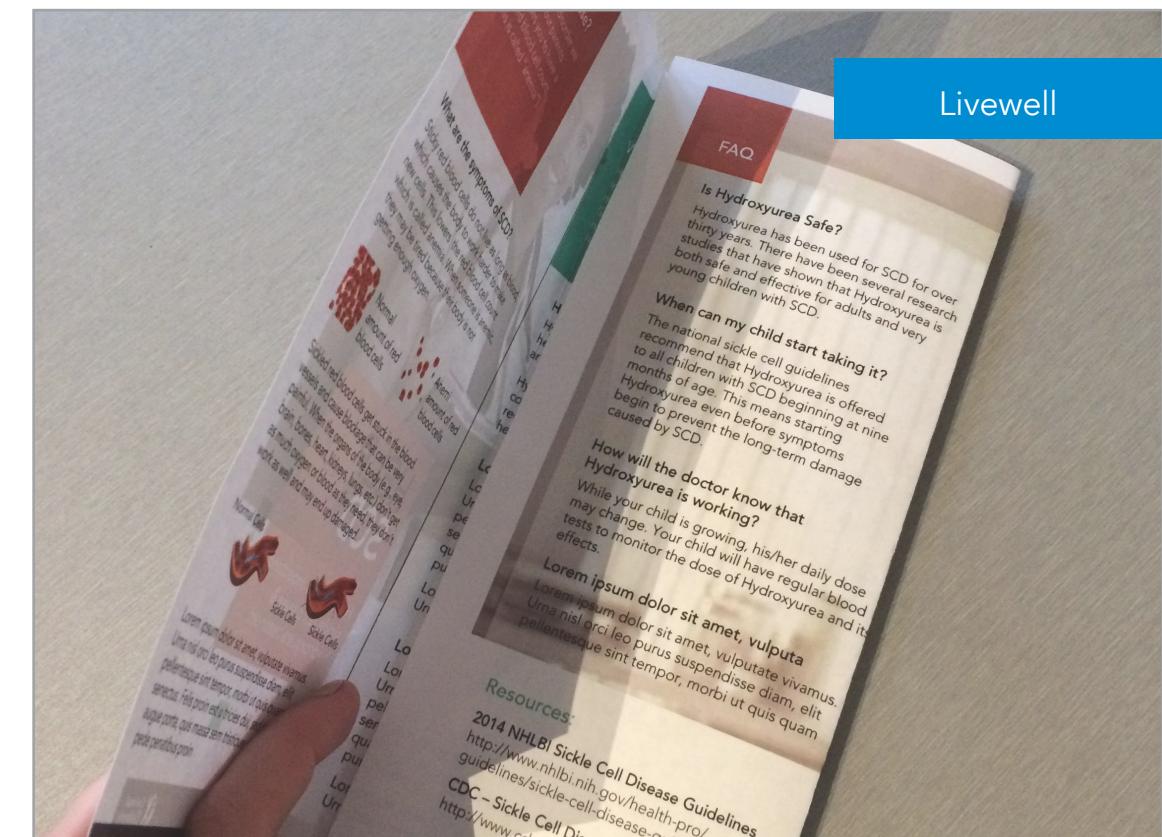
Getting Started	Before Visit Checklist	
Pocket Guide	<p> Lorem ipsum dolor sit amet, vulputate vivamus. Urna nisl orci leo purus suspe disse diam, elit pelle tesque sint tempor, morbi id, nihil sapien in et elementum. Est mauris quisque, ligula pelle tesque mauris at velit</p>	
Learning Modules		
Frequently Asked Questions		
Checklist	Adult Patient Scenario Checklist	Recommendation
<strong>Notes</strong> <p> Lorem ipsum dolor sit amet, vulputate vivamus. Urna nisl orci leo purus suspe disse diam, elit pelle tesque sint tempor, morbi id, nihil sapien in et elementum. Est mauris quisque, ligula pelle tesque mauris at velit</p> <p><strong>About Notes:</strong> quis massa sem tristique purus v elit, et pede penatibus proin id, nihil sapien in et elementum. Est mauris quisque, ligula pelle tesque mauris at veli</p>	<ul style="list-style-type: none"><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist alissi</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li><li>Tem exces dolum, od quasptias enis ea sae. Itaturis rero vit iustionserio volupta turiorest aute dellest labori quatist</li></ul>	<strong>STRONG</strong> <strong>STRONG</strong> <strong>STRONG</strong>  <strong>MODERATE</strong>  <strong>MODERATE</strong>  <strong>WEAK</strong>  <strong>WEAK</strong>

# The Toolkit

## Pamphlets



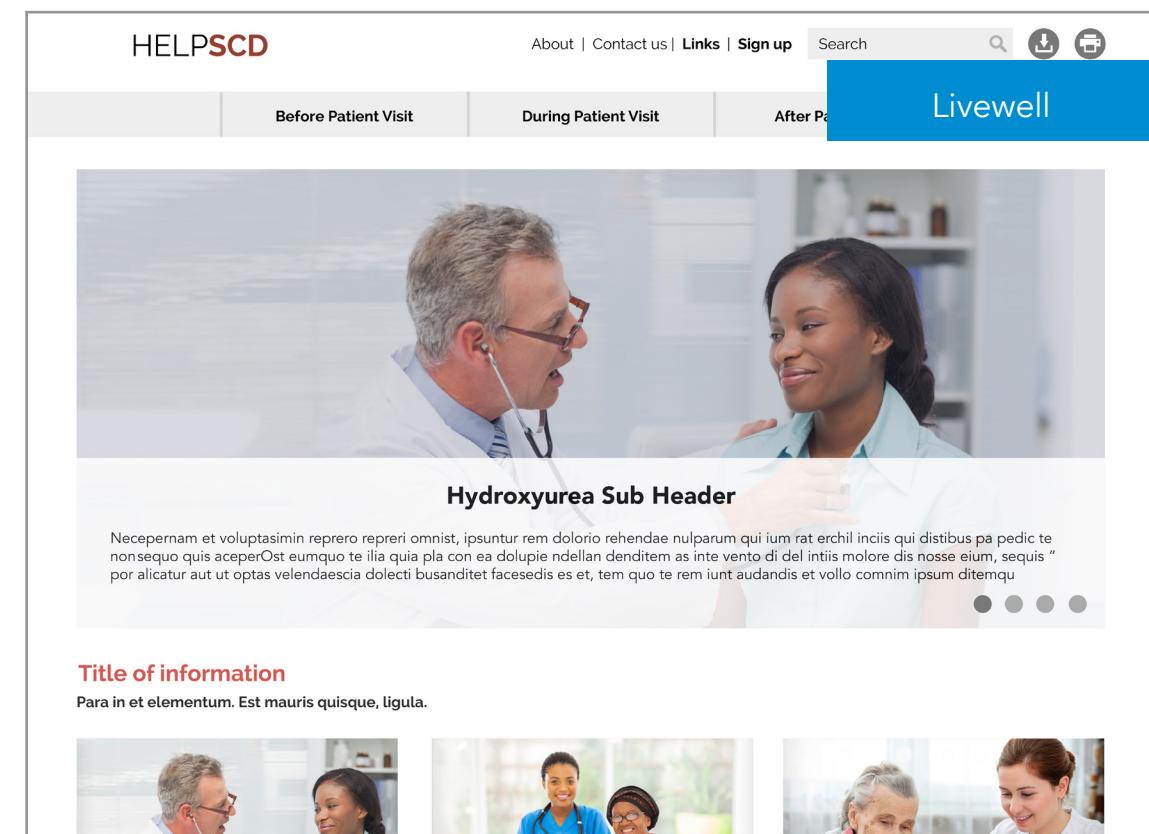
Pamphlets were designed to assist providers improve their dialogue with the patient. Inside, includes information about sickle cell disease and hydroxyurea, frequently asked questions, space to write dosing schedules, next appointment time, and a patient checklist.



# The Toolkit

## Website Layout

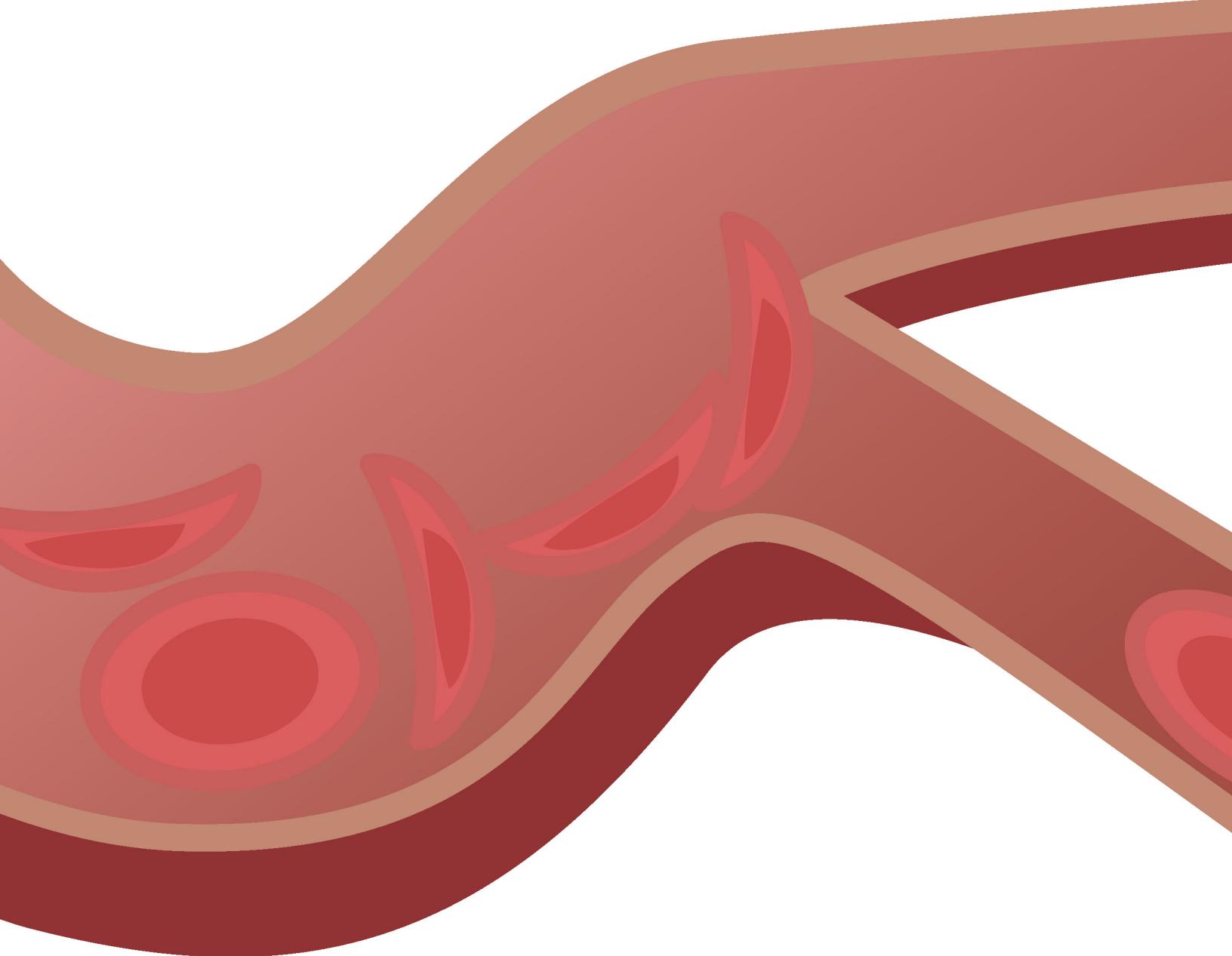
The HELP SCD website is clean and professional to ensure providers that the information contained is reliable. The top navigation bar is organized by patient visit so that providers can easily search for the tools they need.



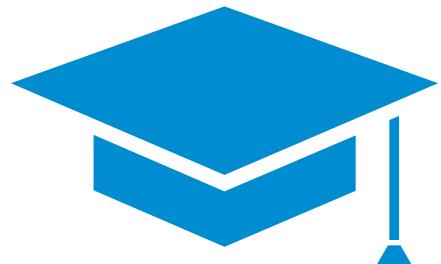
# The Pocket Guide and Pamphlets

# An Interactive Guide

For Managing Sickle Cell Anemia  
With Hydroxyurea

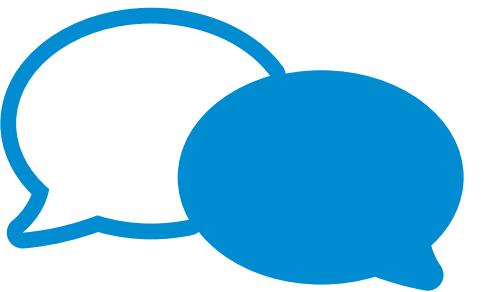


# HELP SCD Pocket Guide



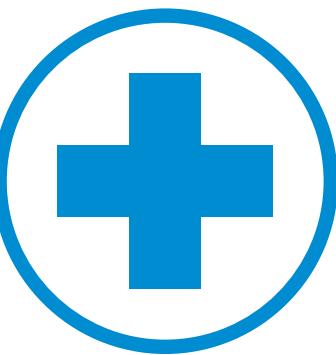
## Education

- Introduction to sickle cell disease
- Identifying the patient (adults & children)
- Hydroxyurea treatment protocol
- Ongoing considerations



## Communication

- Introduction to sickle cell disease
- Hydroxyurea treatment protocol
- Ongoing considerations



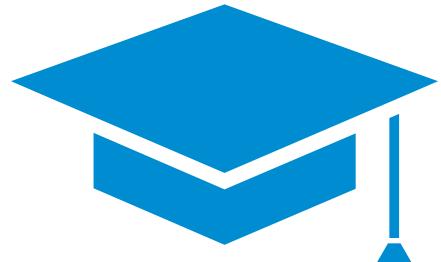
## Treatment Optimization

- Identifying the patient (adults & children)
- Hydroxyurea treatment protocol
- Ongoing considerations



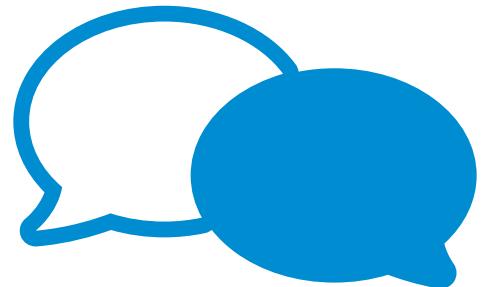
# HELP SCD Pamphlets

## Initial Visit Pamphlet



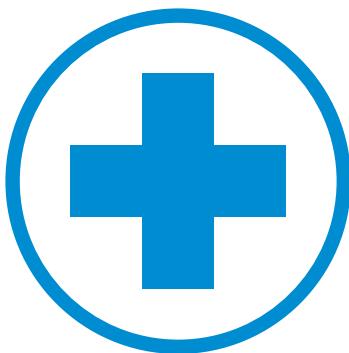
### Education

- Introduction to sickle cell disease
- What is hydroxyurea
- Frequently asked questions



### Communication

- Dosing schedule
- Frequently asked questions
- Tips
- Next appointment time
- Treatment goals

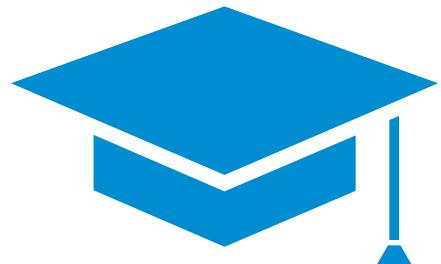


### Treatment Optimization

- Dosing schedule
- Patient checklist
- Treatment goals
- Tips

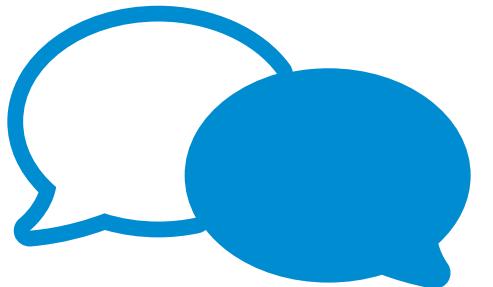
# HELP SCD Pamphlets

## Recurring Visit Pamphlet



### Education

- Introduction to sickle cell disease
- How hydroxyurea treatment has helped others
- Frequently asked questions



### Communication

- Dosing schedule
- Frequently asked questions
- Tips
- Next appointment time
- Treatment goals



### Treatment Optimization

- Dosing schedule
- Patient checklist
- Treatment goals
- Tips

# HELP SCD.org Architecture

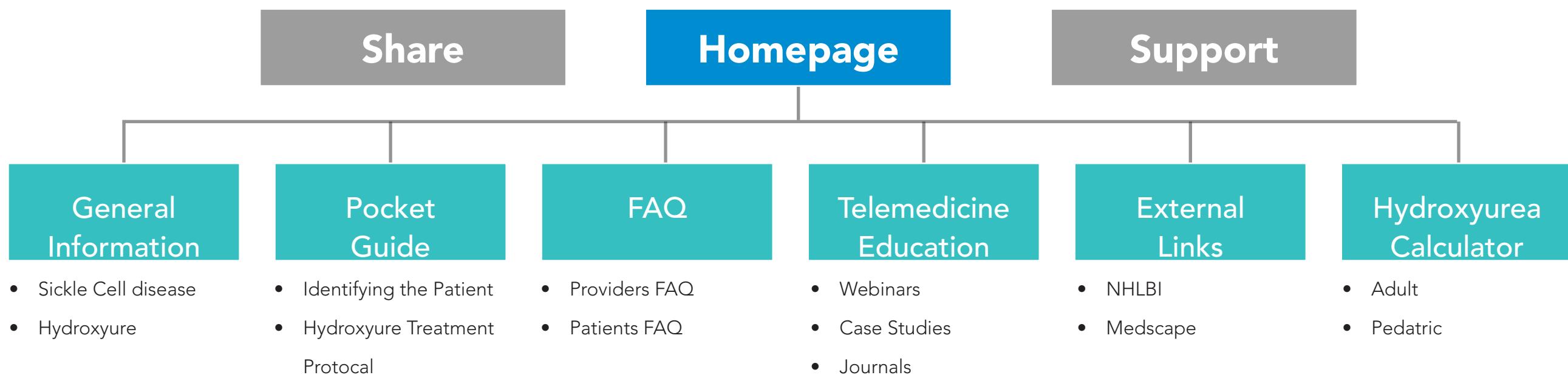
# HELP SCD Architecture

Help SCD is unique in that the website organizes educational tools based on the time of the patient visit. Tools within the different **Before**, **During**, and **After** pages are similar in **style and language** but vary in **content**, which only pertains to what is needed based on visit time.

The image displays two side-by-side screenshots of the HELP SCD website. Both screenshots show a header with the logo 'HELPSCD' and navigation links for 'About', 'Contact us', 'Links', 'Sign up', 'Search', and download/print icons. Below the header, there are three tabs: 'Before Patient Visit' (highlighted in red), 'During Patient Visit', and 'After Patient Visit'. Under each tab, there is a large text area with placeholder text (Lorem ipsum...) and a smaller text area below it. Below these are four cards: 'Learning Modules' (with an icon of pills), 'Pocket Guide' (with an icon of two people), 'Frequently Asked Questions' (with an icon of an elderly woman and a nurse), and 'Checklist' (with an icon of a newborn). At the bottom of each section, there is a horizontal ellipsis and a row of five small images of medical professionals interacting with patients. The left screenshot shows the 'Before Patient Visit' content, while the right screenshot shows the 'After Patient Visit' content.

# HELP SCD Architecture

OLD DIAGRAM WILL BE REPLACED!!!!



# HELP SCD Navigation

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## Main Navigation

## Sub Navigation

# HELP SCD

# Features

[Getting Started](#)[Pocket Guide](#)[Frequently Asked Questions](#)[Checklist](#)[Learning Modules](#)

### Notes

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#### About Notes:

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## Case Study

# Hydroxyurea Case Study Title

[Kids](#)[Management](#)[Communication](#)**September 12th, 2015**

Allison Grady, APNP, Children's Hospital of Wisconsin, Milwaukee, WI

Rebecca Schreier, DO, Sanford Children's Specialty Clinic, Sioux Falls, SD

Sam Milanovich, MD, Sanford Children's Specialty Clinic, Sioux Falls, SD

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[Take Case Study Quiz](#)

# HELP SCD Features

## Contact STORM for Questions

A Contact Us button is always located at the top of the page so that providers can email STORM for questions anytime they are on the website.

### Contact Us

If you have any questions or suggestions please feel free to contact us, elit pellentesque sint tempor, morbi ut quis quam senectus. Felis proin est u tricies dui, sed non quam augue porta, quis massa sem tristique purus velit, et pede penatibus proin id, nihil sapien in et elementum. Est mauris quisque, ligula pelle tesque mauris at velit

**Mailing Address:**

1123 Somewhere Drive  
Cincinnati, Ohio 45220

**Phone number:**

(123) 456.891 ex. 0

**Email:**

youremail@site.org

### Ask us anything

If you have any questions or suggestions please feel free to contact us, elit pellentesque sint tempor, morbi ut quis quam senectus. Felis proin est u tricies dui,

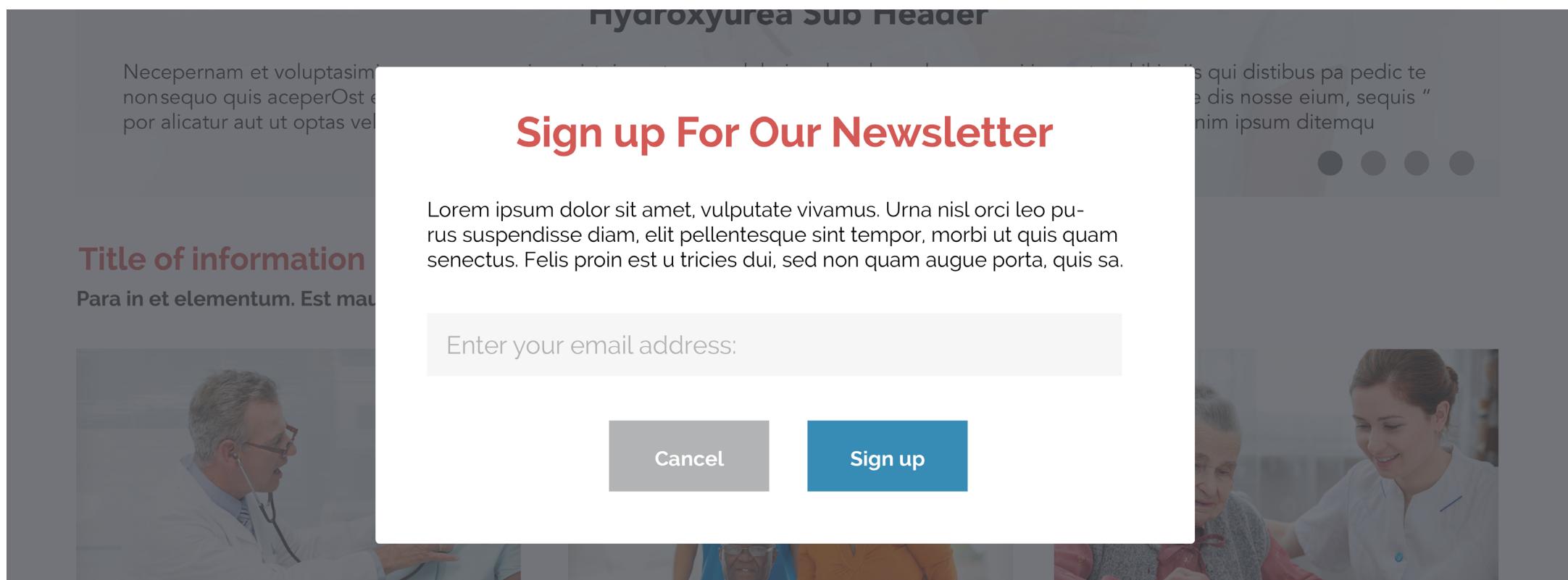
Write your subject here

Write message here

# HELP SCD Features

## Newsletter

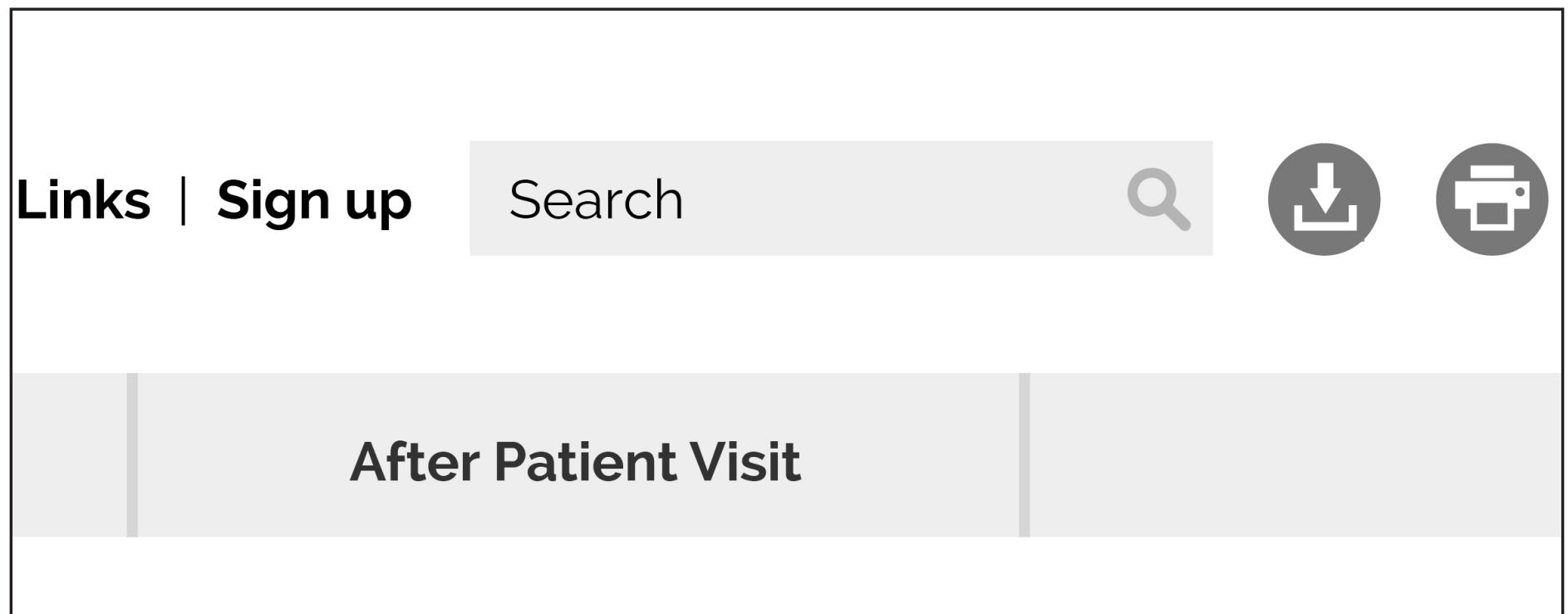
The website offers a newsletter sign up at the top of each page. By signing up they will receive updates about new content that has been added to the site.



# HELP SCD Features

## Website Search Tool

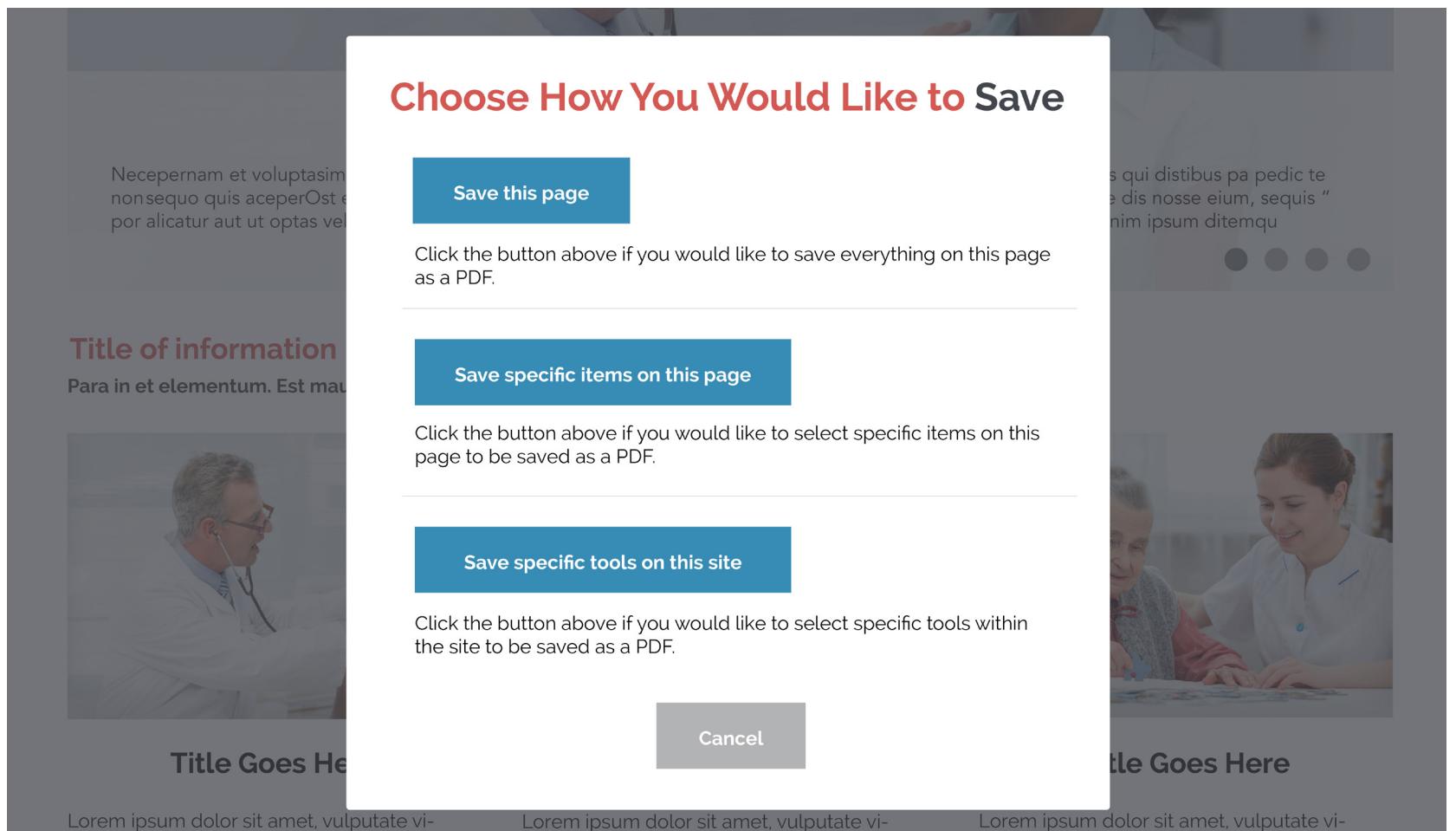
A website search bar is accessible on each page for quick general content searches in the site.



# HELP SCD Features

## Saving to PDF

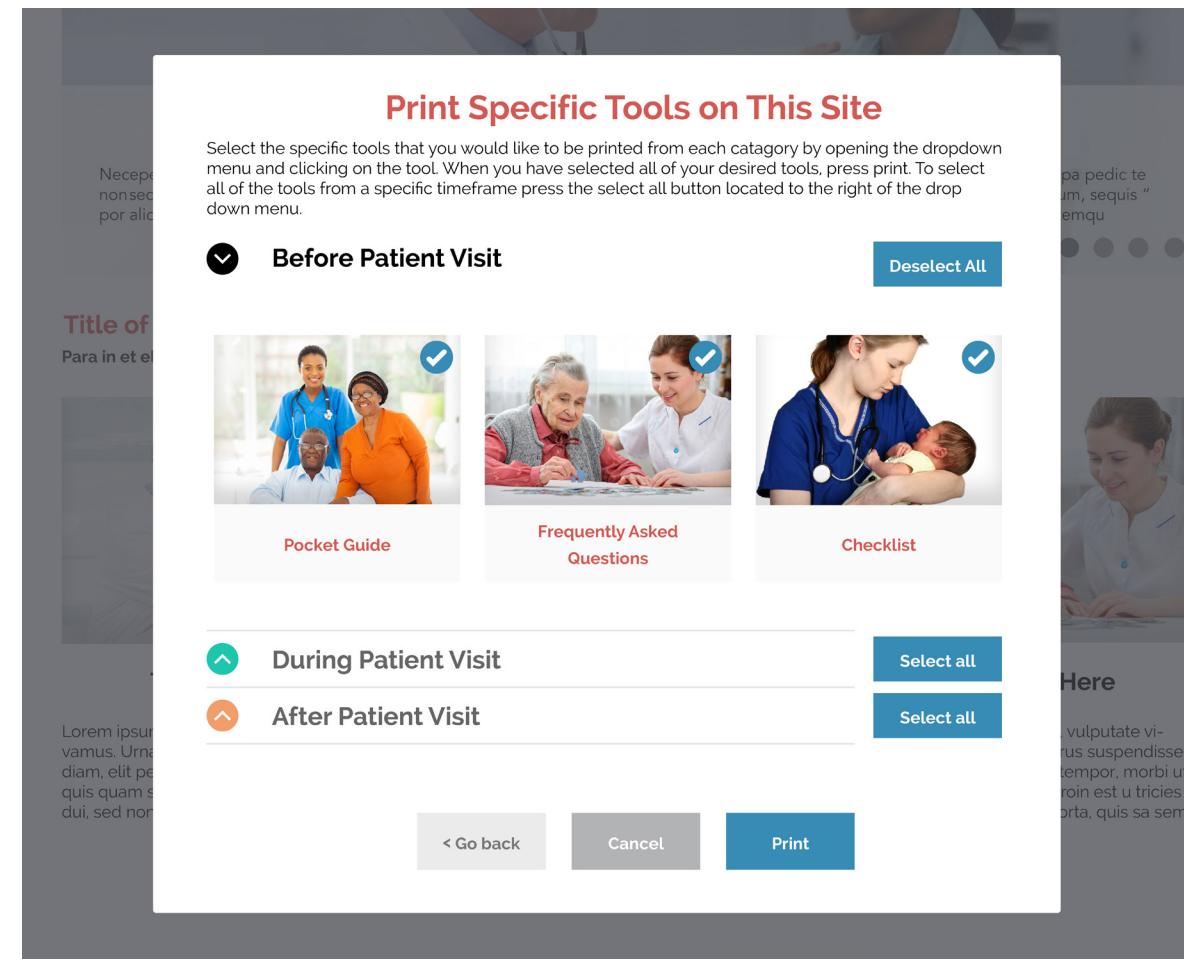
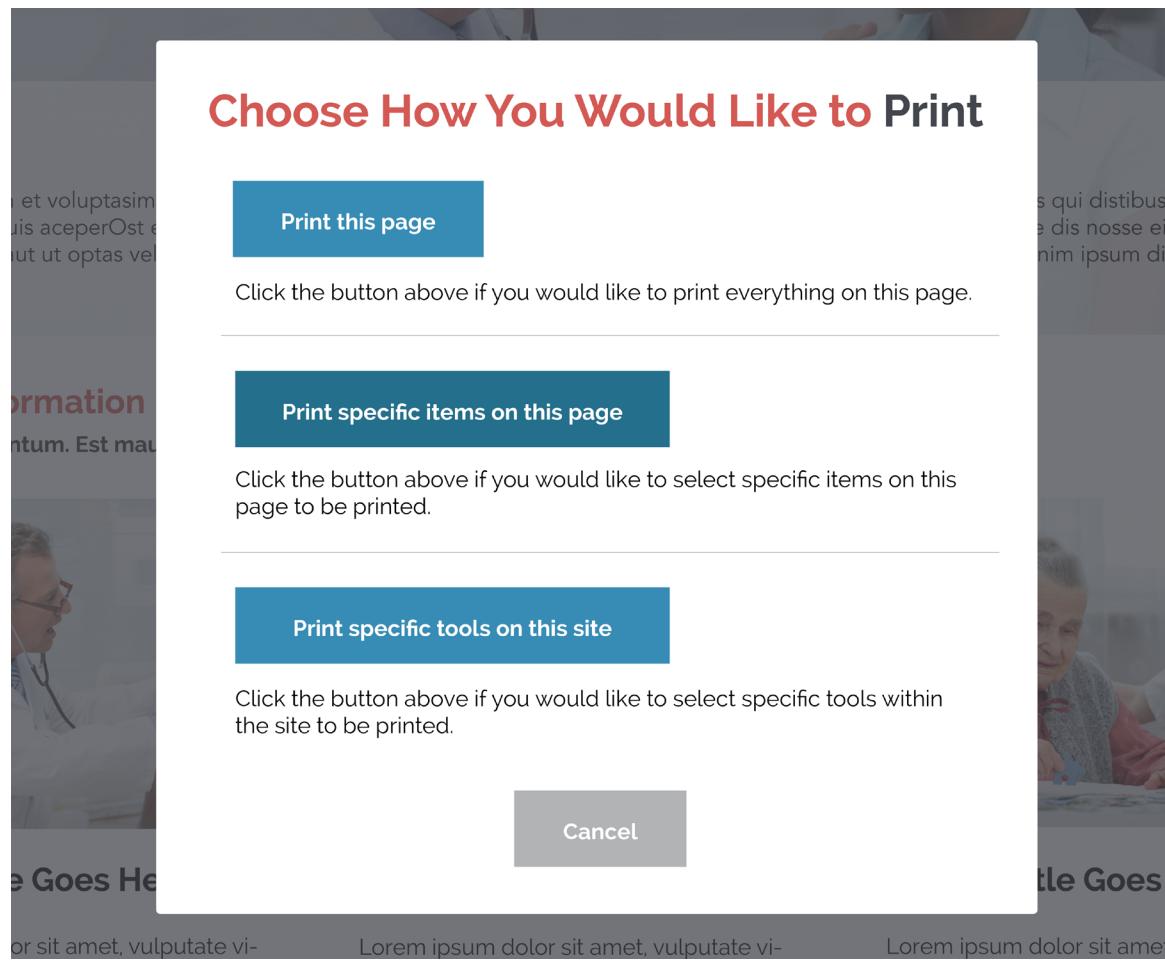
Each page has a save to PDF function where providers can choose different ways to save content to a pdf on their computer. The different ways include: save this page, save specific content on this page, and save specific tools on this site.



# HELP SCD Features

## Different Ways to Print

Each page has a print function where providers can choose different ways to print content from their computer. The different ways include: print this page, print specific content on this page, and print specific tools on this site.



# HELP SCD Features

## Tags

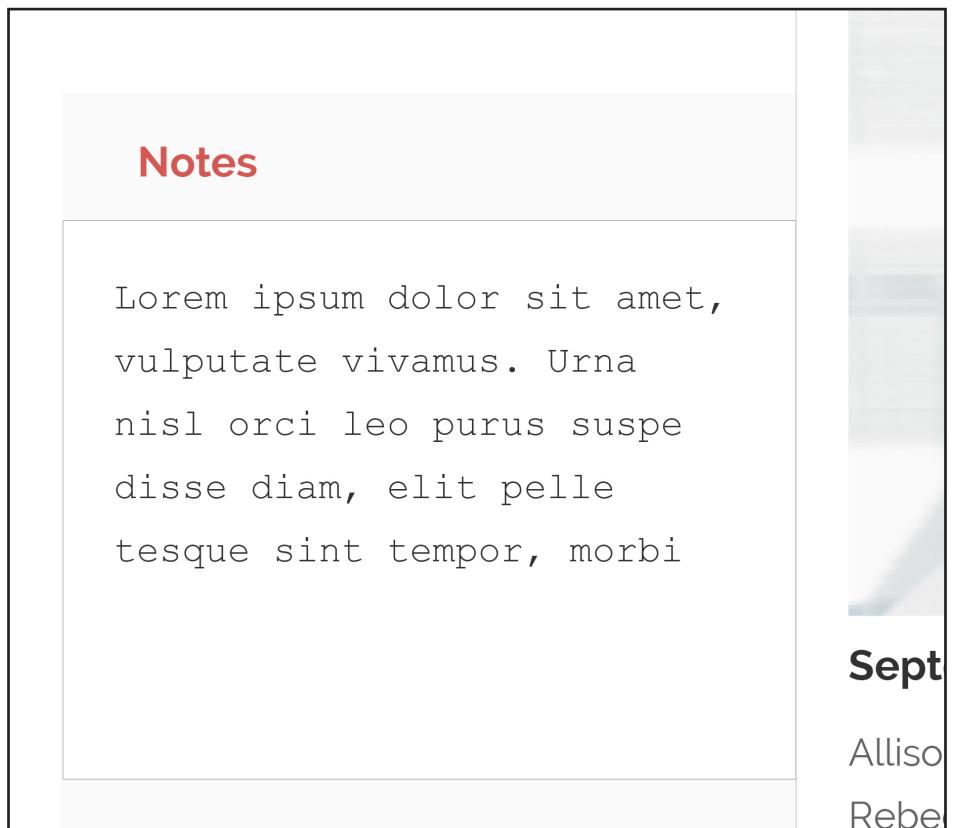
Learning Modules such as case studies, webinars, and videos have associated descriptive tags. Providers can sort content based on these tags to quickly find desired material. For example, one may search for a webinar specific to “child treatment protocol” using the tags, to find specific webinars about pediatric hydroxyurea treatment protocol.



# HELP SCD Features

## Notes

All pages come with a side bar notes box where providers can take their own notes while using the tools on the site. After they are done using the site they can choose to print their notes or save them to pdf for later reflection.



# HELP SCD Features

## Quizes in Learning Modules

All Learning Modules come with a “Take Quiz” function to test providers on the material they have reviewed. This increases knowledge comprehension and absorption.

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**September 12th, 2015**

Allison Grady, APNP, Children's Hospital of Wisconsin, Milwaukee, WI  
Rebecca Schreier, DO, Sanford Children's Specialty Clinic, Sioux Falls, SD  
Sam Milanovich, MD, Sanford Children's Specialty Clinic, Sioux Falls, SD

**About Notes:**  
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Take Case Study Quiz

Cincinnati Children's Hospital Medical Center

f t e

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HELP SCD

Before Patient Visit During Patient Visit After Patient Visit

**Case Study Quiz**  
**Hydroxyurea Case Study Quiz Title**

Kids Management Communication

**Learning Modules**

**Notes**  
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September 12th, 2015

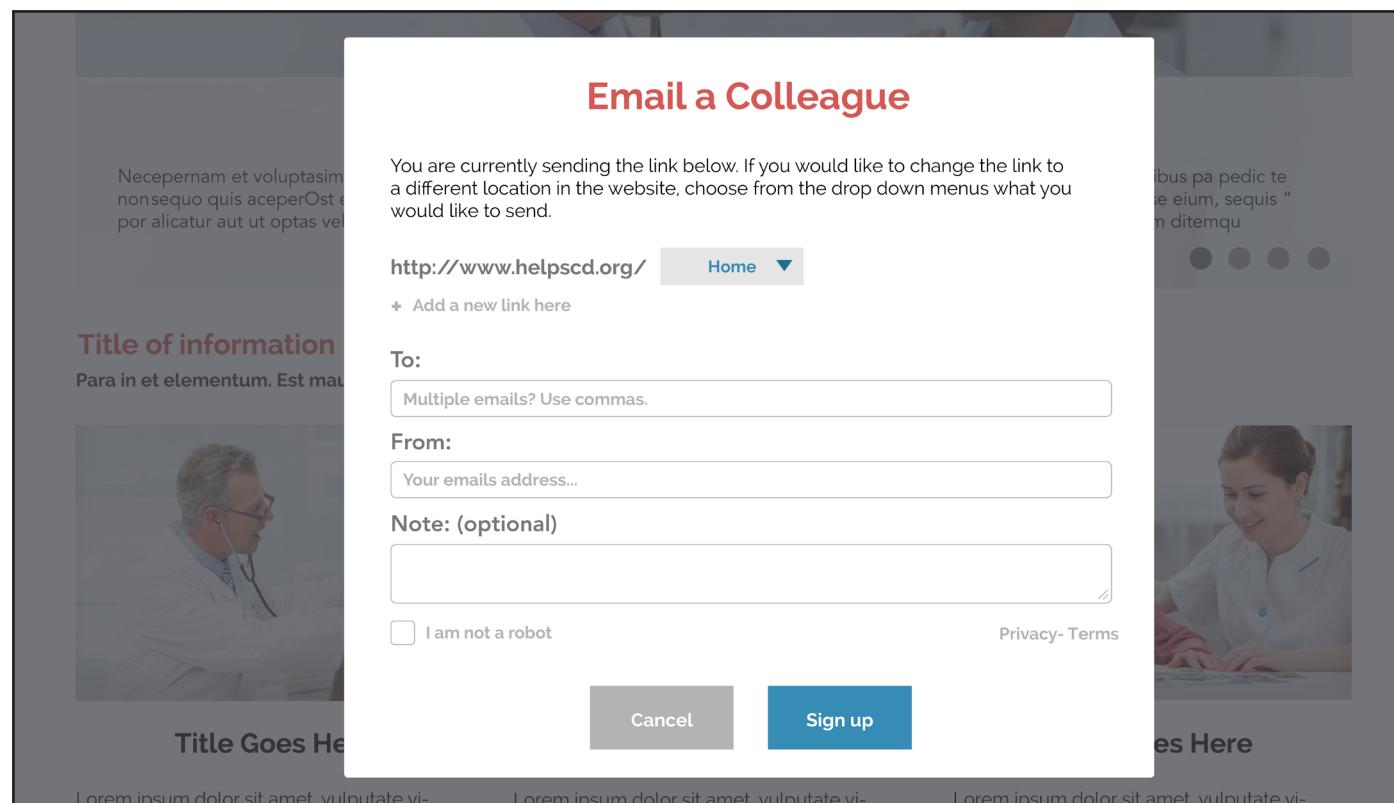
Allison Grady, APNP, Children's Hospital of Wisconsin, Milwaukee, WI  
Rebecca Schreier, DO, Sanford Children's Specialty Clinic, Sioux Falls, SD  
Sam Milanovich, MD, Sanford Children's Specialty Clinic, Sioux Falls, SD

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# HELP SCD Features

## Share with Colleagues or Social Media

At the bottom of each page, providers can choose to share the HELP SCD website with other colleagues via email, or even post about the HELP SCD website to Facebook or Twitter.



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# HELP SCD

# Aesthetic

**HELP SCD**

About | Contact us | Links | Sign up | Search |  

**Before Patient Visit**   **During Patient Visit**   **After Patient Visit**

**Getting Started**

**Pocket Guide**

**Learning Modules**

**Frequently Asked Questions**

**Checklist**

**Notes**

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**About Notes:**  
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**Learning Modules**

**Diagnostic pearls in vascular anomalies**

**Title goes here**

**Kids Management Communication**

**Presentation**

**Webinar**

**Title goes here**

**Title goes here**

**Kids Management**

**Communication**

**1 2 3 Next >**





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**HELP SCD**

About | Contact us | Links | Sign up | Search |  

**Before Patient Visit**   **During Patient Visit**   **After Patient Visit**

**Getting Started**

**Pocket Guide**

**Frequently Asked Questions**

**Checklist**

**Pamphlet**

**Dosing Calculator**

**Case Studies**

**Notes**

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**September 12th, 2015**

Allison Grady, APN, Children's Hospital of Wisconsin, Milwaukee, WI  
Rebecca Schreier, DO, Sanford Children's Specialty Clinic, Sioux Falls, SD  
Sam Milanovich, MD, Sanford Children's Specialty Clinic, Sioux Falls, SD

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**Take Case Study Quiz**





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**HELP SCD**

About | Contact us | Links | Sign up | Search |  

**Before Patient Visit**   **During Patient Visit**   **After Patient Visit**

**Getting Started**

**Pocket Guide**

**Frequently Asked Questions**

**Checklist**

**Pamphlet**

**Learning Modules**

**Notes**

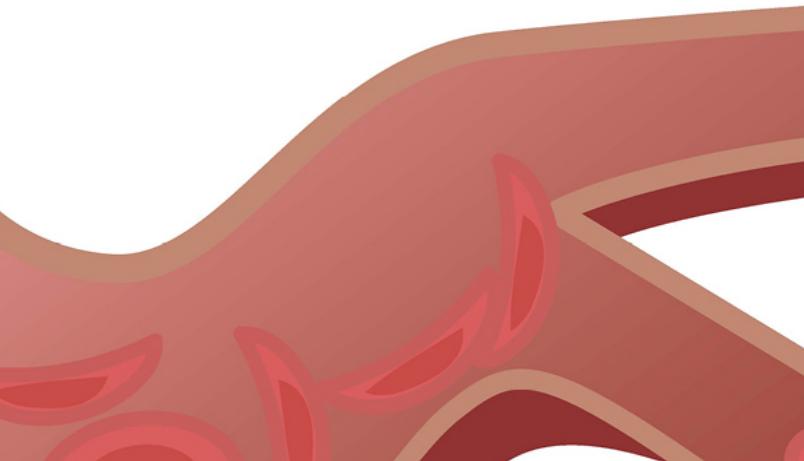
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**Pocket Guide**

The pamphlet is an excellent tool for you to use when introducing sickle cell disease and hydroxyurea to your patient. Inside includes space to write down your patient's dosing schedule, next clinic visit, and your practices contact information. There is also a special patient checklist to help them follow their new dosing routine. Additionally, there is a frequently asked questions sections to help answer any additional concerns they may have.

**An Interactive Guide**

For Managing Sickle Cell Anemia With Hydroxyurea



**SAVE**   **PRINT**   **VIEW**

**The following pages refer to protocol that is relevant for only Before the Patient Visit.**  
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**Hydroxyurea Treatment Protocol**

**Hydroxyurea Dosing and Monitoring**

**Ongoing Considerations**

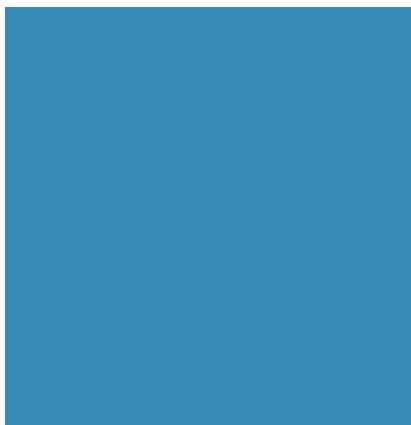




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# HELP SCD Aesthetic

## Website Colors



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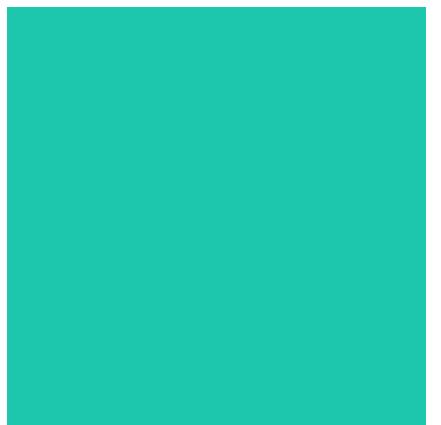
R:133 G:178 B:79



R:212 G:89 B:84



R:242 G:158 B:107



R:28 G:199 B:173

## Logo Color and Font

# HELP SCD

R:148 G:63 B:50

Logo Font: Gurmukhi Sangam MN; Regular & Bold

# HELP SCD Prototype