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BMJ Paediatrics Open

Needs assessment of self-management skills towards health care transition and patient portal use among adolescent and young adult patients

Journal:	BMJ Paediatrics Open
Manuscript ID	bmjpo-2020-000658
Article Type:	Original research letter
Date Submitted by the Author:	07-Feb-2020
Complete List of Authors:	Allende-Richter, Sophie; Boston Children's Hospital, Medicine Ramirez, Melanie; Stanford University Khoury, Zana; Boston Children's Hospital Bourgeois, Fabienne; Boston Children's Hospital, Medicine, Division of General Pediatrics Epee-Bounya, Alexandra; Boston Children's Hospital, Medicine, Division of General Pediatrics O'Hare, Kitty; WakeMed Children's Hospital, Pediatric Primary Care; WakeMed Children's Hospital
Keywords:	Adolescent Health, Qualitative research

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Needs assessment of self-management skills towards health care transition and patient portal use among adolescent and young adult patients

Sophie Allende-Richter, MDa,b, Melanie Ramireza,c, Zana Khoury, MSa, Fabienne Bourgeois, MDa,b, Alexandra Epee-Bounya, MDa,b, Kitty O'Hare, MDd,e

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Words Count: 600

Abbreviations:

AAP: American Academy of Pediatrics

AAFP: American Academy of Family Physicians

ACP: American College of Physicians

HCT: Health Care Transition

AYA: Adolescent and Young Adult,

PHI: Personal Health Information

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We conducted a 15-item self-answered survey to assess self-management skills and explore interest in a patient ports among patients ages 12-25.

Out of 61 participants, 33% did not know how to schedule an appointment, 50% did not know how to refill prescriptions, and 58% did not know how

to access personal health information. 84% were not aware of the portal and 92% had never used it. Referring to the portal as an online application

increased participants interest by 39%. These results indicate that promoting patient portal access can help youths gam self-management skills

towards transition.

Key Words: self-management, patient portal, health care transition, adolescent and young adults

Key Messages:

A. What's known about this subject:

Although there are now established Health Care Transition best practices, there remains a need to promote adolescent and young adults active engagement in this process.

B. What does this study add:

This study highlights an opportunity to leverage patient portal applications to bolster self-management skills towardstransition readiness among a

generation of tech savvy youths.

 84% of US youths, with and without special healthcare needs, do not receive comprehensive Health Care Transition (HCT) preparation.[i] Failure to properly transfer adolescent and young adult (AYA) patients to adult care is associated with increased demand on pegliatric providers untrained in adult medicine, lapses in healthcare access,[ii] preventable emergency department visits and hospital admissions.[iii] The 2018 clinical report on HCT published by the AAP, AAFP, and ACP, recommends developing systems that promote early and continued engagement of AYA to support HCT preparation.[iv] With the ability to manage appointments, message providers, and access personal health information (PHI), patient portals have been associated with better medication management among youths with chronic illness.[v]

Our objective was to explore whether the use of a patient portal can promote AYA patient's self-management skills wards transition readiness.

We conducted a needs assessment at an urban academic pediatric practice from September to November 2018. We designed a 15-item survey to evaluate: (1) self-management skills using six questions adapted from a validated screening tool, the *Transition Readiness Assessment*Ouestionnaire, [vi] (2) current use and awareness of a patient portal, and (3) preferred methods for accessing healthcare. The survey was available in

English and Spanish. We recruited 61 participants ages 12 to 25.

With 100 % participation, the mean age of our participants was 16.77 years, 56% self-identified as female and 44% as male, the majority were Hispanic (93%) most spoke English fluently (98%). Our results showed that 33% of participants did not know how to schedule medical appointment,

50% did not know how to refill prescriptions, and 57% did not know how to access PHI, 48% were unaware of our transition policy, 84% were

unaware of our patient portal, 10% knew how to access it but only 8% had used it (Table 1).

Table 1. Adolescent Self-Management Skills Assessment and Portal Awareness

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N=61)))))	
35 Female: 26 Male	_		Neither	9	2	
Age (years): 12-14 (28%); 15-17 (36%); 18-25 (36%)	Strongly Agree	Agree	Agree no	٠	•	Unanswered
Adolescent Awareness of Healthcare Access				2020	<u></u>	
					7	
I know how to schedule and cancel an appointment with my provider	26 (43%)	15 (25%)	9 (15%)	9 (15%)	2 (3%)	0 (0%)
I know how to refill my own prescriptions	15 (25%)	16 (26%)	7 (11%)	21 (34%	2 (3%)	0 (0%)
I know how to access personal health information (example: lab/test results,	14 (23%)	12 (20%)	12 (20%)	20 (33%	_	0 (0%)
physical exam forms, etc.)				iiip.//piiijpae	*	
General Adolescent Healthcare Awareness				- Joaea	2. 5 6	
I understand how my health insurance might change at age 19	13 (21%)	21 (34%)	10 (16%)	16 (26%	1 (2%)	0 (0%)
I understand my rights to confidential health services as an adolescent	21 (34%)	23 (38%)	6 (10%)	11 (18%	0 (0%)	0 (0%)
I understand the transition policy at Martha Eliot	12 (20%)	20 (33%)	9 (15%)	19 (31%	1 (2%)	0 (0%)
Adolescent Experience with MyChildren's Patient Portal		Yes	N N	0 2		swered
Were you aware the MyChildren's patient portal has an app and website that allow	vs you to se	nd		27, 202	Ž 20 20	
direct messages to your doctor's office?		10 (1	6%) 5	1 (84%) 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 (0%)
Do you know how to access the MyChildren's patient portal?		6 (10	%) 5	5 (90%)	0 (0%)
Have you ever used the MyChildren's patient portal?		5 (8%	á) 5	5 (90%) g	1 (2%)
				а <u>с</u> Су		

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Fig. 1

The first 21 respondents demonstrated little interest in patient portal applications. Thus, we modified the survey reference to the portal as an online tool. This resulted in a 39% increase in reported preference for the portal. Out of 40 additional respondents, 68% week interested in self-scheduling and 80% express interest in accessing PHI through the portal (Table 2).

Table 2. Adolescent Preferences

25 Females 26 Male				 20
35 Female: 26 Male		I would prefer to schedule	e I would prefer to refill my	I would preferto access
Age (years): 12-14 (28%);	15-17 (36%); 18-25 (36%)	my appointments:	prescriptions:	personal heal $\frac{S}{S}$ information:
Online	Strongly Agree	15 (38%)	10 (25%)	14 (35%)
(MyChildren's Patient Portal Website or App)**	Agree	12 (30%)	15 (38%)	14 (35%) 18 (45%) 1 (3%) 4 (10%) 2 (5%) 1 (3%) 4 (19%) 4 (19%) 7 (33%) 4 (19%) 2 (10%) 9 (0%) 6 (29%) 2 (10%) 14 (35%) 2 (10%) 15 (35%) 16 (29%) 17 (35%) 18 (45%) 18 (45%) 18 (45%) 19 (10%) 10
N=40	Neither Agree nor Disagree	6 (15%)	7 (18%)	1 (3%)
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	Strongly Disagree	2 (5%)	2 (5%)	2 (5%)
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			·	
N=21	Neither Agree nor Disagr	ee 10 (48%)	10 (48%)	8 (38%)
	Disagree	3 (14%)	4 (19%)	3 (14%)
	Strongly Disagree	2 (10%)	5 (24%)	2 (10%)
	Unanswered	0 (0%)	0 (0%)	0 (0%)
Via Phone Call	Strongly Agree	23 (38%)	14 (23%)	14 (23%)
N=61	Agree	29 (48%)	28 (46%)	25 (41%)
	Neither Agree nor Disagr	ee 8 (13%)	9 (15%)	12 (20%)
	Disagree	1 (2%)	8 (13%)	8 (13%)
	Strongly Disagree	0 (0%)	2 (3%)	1 (2%)
	Unanswered	0 (0%)	0 (0%)	1 (2%)
In Person	Strongly Agree	11 (18%)	20 (33%)	25 (41%)
N=61	Agree	21 (34%)	19 (31%)	27 (44%)
	Neither Agree nor Disagr	ee 18 (30%)	12 (20%)	4 (7%)
	Disagree	7 (11%)	6 (10%)	3 (5%)
	Strongly Disagree	2 (3%)	2 (3%)	1 (2%)
	Unanswered	2 (3%)	2 (3%)	1 (2%)

Page 7 of 8

 *Based on 21 surveys using the phrasing "MyChildren's Patient Portal Website" and "MyChildren's Patient Portal App"

**Based on 40 surveys using the phrasing "Online (including MyChildren's Patient Portal Website or App)"

Our findings indicate that while AYA patients exhibit low self-management skills and awareness of a patient portal, anost welcome using it to manage their health. Further research is needed to validate whether a patient portal can promote self-management skills towards transition readiness.

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BMJ Paediatrics Open

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Journal:	BMJ Paediatrics Open
Manuscript ID	bmjpo-2020-000658.R1
Article Type:	Original research letter
Date Submitted by the Author:	19-Feb-2020
Complete List of Authors:	Allende-Richter, Sophie; Boston Children's Hospital, Medicine Ramirez, Melanie; Stanford University Khoury, Zana; Boston Children's Hospital Bourgeois, Fabienne; Boston Children's Hospital, Medicine, Division of General Pediatrics Epee-Bounya, Alexandra; Boston Children's Hospital, Medicine, Division of General Pediatrics O'Hare, Kitty; WakeMed Children's Hospital, Pediatric Primary Care; WakeMed Children's Hospital
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N=61				on on		
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Age (years): 12-14 (28%); 15-17 (36%); 18-25 (36%)	Strongly Agree	Agree	Agree noi Disagree	N	Strongly Disagree	Unanswered
Adolescent Awareness of Healthcare Access				Down		
I know how to schedule and cancel an appointment with my provider	26 (43%)	15 (25%)	9 (15%)	9 (15%)	2 (3%)	0 (0%)
I know how to refill my own prescriptions	15 (25%)	16 (26%)	7 (11%)	21 (34%)	2 (3%)	0 (0%)
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Adolescent Experience with MyChildren's Patient Portal		Yes	N	7, 202	Unan	swered
Were you aware the MyChildren's patient portal has an app and website that a	llows you to se	nd		2024 by gu		
direct messages to your doctor's office?		10 (1	6%) 5:	9uest 1 (84%) :)
Do you know how to access the MyChildren's patient portal?		6 (10	%) 5!	5 (90%) rote 6 6)
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Table 2. Adolescent Preferences

25 Females 26 Male				 20
35 Female: 26 Male		I would prefer to schedule	e I would prefer to refill my	I would preferto access
Age (years): 12-14 (28%);	15-17 (36%); 18-25 (36%)	my appointments:	prescriptions:	personal heal $\frac{S}{S}$ information:
Online	Strongly Agree	15 (38%)	10 (25%)	14 (35%)
(MyChildren's Patient Portal Website or App)**	Agree	12 (30%)	15 (38%)	14 (35%) 18 (45%) 1 (3%) 4 (10%) 2 (5%) 1 (3%) 4 (19%) 4 (19%) 7 (33%) 4 (19%) 2 (10%) 9 (0%) 6 (29%) 2 (10%) 14 (35%) 2 (10%) 15 (35%) 16 (29%) 17 (35%) 18 (45%) 18 (45%) 18 (45%) 19 (10%) 10
N=40	Neither Agree nor Disagree	6 (15%)	7 (18%)	1 (3%)
	Disagree	4 (10%)	5 (13%)	4 (10%) ^{ȳp} 200 200 200 200 200 200 200 200 200 20
	Strongly Disagree	2 (5%)	2 (5%)	2 (5%)
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 **Based on 40 surveys using the phrasing "Online (including MyChildren's Patient Portal Website or App)"

**Based on 40 surveys using the phrasing "Online (including MyChildren's Patient Portal Website or App)"

Our findings indicate that while AYA patients exhibit low self-management skills and awareness of a patient portal, most welcome using it to manage their health. Further research is needed to validate whether a patient portal can promote self-management skills towards transition readiness.

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This is a survey to assess your ability to independently access your health information and communicate with your provider. The following questions are strictly confidential.

The information you provide will only be used by our medical staff to better meet your needs.

- 1. What is your age:
- 2. What is your gender:
 - o male
 - o female
 - o other (please specify):

Health Care Access

- 3. I know how to schedule or cancel an appointment with my provider:
 - Strongly agree
 - o Disagree
 - o Agree
 - o Neither agree nor disagree
 - o Strongly disagree
- 4. I know how to refill my prescriptions:
 - Strongly agree
 - Disagree
 - o Agree
 - o Neither agree nor disagree
 - Strongly disagree
- 5. I know how to access my personal health care information (example: lab/ test results, physical exam forms, etc.)
 - Strongly agree
 - o Disagree
 - o Agree
 - Neither agree nor disagree
 - Strongly disagree

General Health Care Awareness

The following questions ask you about your general awareness of different healthcare policies and resources

- 6. I understand how my health insurance might change at age 19:
 - Strongly agree
 - Disagree
 - Agree
 - Neither agree nor disagree
- lerstand my rights to confidential II.

 Strongly agree

 Disagree

 Agree

 Neither agree nor disagree

 Strongly disagree

 Strongly disagree

 8. I understand the transition policy at Martha Eliot:

 Strongly agree

 Disagree

Communication preference

The MyChildren's patient portal is a secure website or electronic application (app) that allows patients to review their records, manage appointments, and send messages to their clinicians.

The following questions ask you about your own preference with different methods of communication including the patient portal.

9. Were you aware the l	MyChildren's patient portal has an app and website that allows you to send
direct messages to ye	our doctor's office?
o Yes	

- - o No
- 10. Do you know how to access the MyChildren's patient portal?
 - o Yes
 - o No
- 11. Have you ever used the MyChildren's patient portal?
 - o Yes
 - o No
- 12. I would prefer to schedule appointments:

	Strongly Agree	Agree Neither	r agree nor disagree [Disagree Strongly	Disagree
In person	O	O	0	O	O
Via phone call	O	O	0	O	О
*Online (MyCl	nildren's O	O	0	О	O
Patient Portal V	Website or App)				

13. I would prefer to refill prescriptions:

	Strongly Agree	Agree N	either agree nor disagree	Disagree Strongly	Disagree
In person	O	O	O	O	O
Via phone call	O	O	O	O	O
*Online (MyCh	nildren's O	O	O	O	O
Patient Portal V	Vebsite or App)				

14. I would prefer to access personal health information:

	Strongly Agree	Agree Neithe	er agree nor disagree I	Disagree Strongly I	Disagree
In person	O	O	O	O	O
Via phone call	O	O	О	O	O
*Online (MyCl	hildren's O	O	O	O	O
Patient Portal V	Website or App)				

15. How would you like to learn more about (check all that apply):

In person Flyer Clinic Website Martha Eliot Facebook Messages from MyChildrens's Patient Portal Health insurance O O O O O O O O O O O Martha Eliot Transition

Policy O O O O O O O O

^{*}The first 21 respondents demonstrated little interest in patient portal applications. Thus, we clarified the phrasing "MyChildren's Patient Portal Website" and "MyChildren's Patient Portal App" to "Online (including MyChildren's Patient Portal Website or App)" for the 40 additional respondents.

BMJ Paediatrics Open

Assessment of: self-management skills towards transition readiness and patient portal use among Hispanic adolescent and young adult patients.

Journal:	BMJ Paediatrics Open
Manuscript ID	bmjpo-2020-000658.R2
Article Type:	Original research letter
Date Submitted by the Author:	22-Mar-2020
Complete List of Authors:	Allende-Richter, Sophie; Boston Children's Hospital, Medicine Ramirez, Melanie; Stanford University Khoury, Zana; Boston Children's Hospital Bourgeois, Fabienne; Boston Children's Hospital, Medicine, Division of General Pediatrics Epee-Bounya, Alexandra; Boston Children's Hospital, Medicine, Division of General Pediatrics O'Hare, Kitty; WakeMed Children's Hospital, Pediatric Primary Care; WakeMed Children's Hospital
Keywords:	Adolescent Health, Qualitative research

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 Assessment of: Self-management skills towards Transition Readiness and Patient Portal use among Hispanic Adolescen and Young Adult Patients.

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1401| Email address: sophie.allende@childrens.harvard.edu | Office phone number: 617.919.7852 | Office fax number: 617.919.3047

Words Count: 600

Abbreviations:

AAP: American Academy of Pediatrics

AAFP: American Academy of Family Physicians

ACP: American College of Physicians

HCT: Health Care Transition

AYA: Adolescent and Young Adult,

PHI: Personal Health Information

6/bmjpo-2020-000658

Abstract

We conducted a 15-item self-answered survey to assess self-management skills and explore interest in a patient portal among publicly insured Hispanic youths ages 12-25. Out of 61 participants, 33% did not know how to schedule an appointment, 50% how to access their personal health information, 84% were unaware of the portal and 92% never used it. Referring to the portal as an online application increased participants interest by 39%. Although study participants exhibit low self-management skills and awareness of a patient portal, most welcome using it to manage their health. Further research is needed to validate whether a patient portal can promote gelf-management skills towards om http://bmjpaedsopen.bmj.com/ on April 27, 2024 by guest. Protected by copyright transition readiness among Hispanic youths.

Key Words: self-management, patient portal, health care transition, adolescent and young adults, Hispanic youths

 BMJ Paediatrics Open Page
84% of US youths, with and without special healthcare needs, do not receive comprehensive Health Care Transition (HCT) preparation.[i] Failure to properly transfer adolescent and young adult (AYA) patients to adult care is associated with increased demand on pediatric providers untrained in adult medicine, lapses in healthcare access,[ii] preventable emergency department visits and hospital admissions.[iii] The 2018 clinical report on HCT published by the AAP, AAFP, and ACP, recommends developing systems that promote early and continued engagement of AYA to support HCT preparation.[iv] With the ability to manage appointments, message providers, access personal health information (PHI) patient portals are electronic health record applications that have been associated with better medication management among youths with chronic illness.[v]

Our objective was to explore whether the use of a patient portal can promote AYA patient's self-management skills wards transition readiness.

We conducted a cross-sectional survey among publicly insured Hispanic youths, at an academic pediatric practice logated in Boston, from September to November 2018. We designed a 15-item survey (Supplemental material). to evaluate: (1) self-management skills using six questions adapted from a validated screening tool, the *Transition Readiness Assessment Questionnaire*, [vi] (2) current use and awareness of patient portal, and (3) preferred methods for accessing healthcare. The survey was available in English and Spanish. The study was IRB exempted. Patient and public involvement statement: although there were no active patient and public involvement in this research, this study was designed with the aim to assess and improve our patients experiences. We recruited 61 participants ages 12 to 25, the mean age was 16.77 years, 56\% self-identified as female and 44% as male, the majority were Hispanic (93%) and most spoke English fluently (98%). Our results showed that 33% of participants did not know how to schedule medical appointment, 50% how to refill prescriptions, and 57% how to access PHI, 48% were unaware of our transition policy, 84% of our patient portal, 10% knew how to access it but only 8% had used it (Table1) (Supplemental material).

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Table 1. Adolescent Self-Management Skills Assessmen	nt and Portal Awareness				on Z		
N=61							
35 Female: 26 Male		Strongly		Neither Agree no	r r	Strongly	
Age (years): 12-14 (28%); 15-17 (36%); 18-25 (36%)		Agree	Agree	Disagree		Disagree	Unanswered
Adolescent Awareness of Healthcare Access					aded		
I know how to schedule and cancel an appointment	with my provider	26 (43%)	15 (25%)	9 (15%)	9 (15%)	2 (3%)	0 (0%)
I know how to refill my own prescriptions		15 (25%)	16 (26%)	7 (11%)	21 (34%	2 (3%)	0 (0%)
I know how to access personal health information (example: lab/test results,	14 (23%)	12 (20%)	12 (20%)	20 (33%	3 (5%)	0 (0%)
physical exam forms, etc.)					edsopen.brij.com 16 (26%)		
General Adolescent Healthcare Awareness					omj.cc		
I understand how my health insurance might chang	e at age 19	13 (21%)	21 (34%)	10 (16%)	16 (26%)	1 (2%)	0 (0%)
I understand my rights to confidential health service	es as an adolescent	21 (34%)	23 (38%)	6 (10%)	11 (18%	0 (0%)	0 (0%)
I understand the transition policy at Martha Eliot		12 (20%)	20 (33%)	9 (15%)	19 (31%)	2 1 (2%)	0 (0%)
Adolescent Experience with MyChildren's Patient Porta	al		Yes	N	lo S	Unans	wered
Were you aware the MyChildren's patient portal has an	n app and website that allo	ws you to se	nd		Jest. F		
direct messages to your doctor's office?			10 (1	6%) 5	1 (84%) 1 (84%	0 (0%)	
Do you know how to access the MyChildren's patient	nt portal?		6 (10	%) 5	්5 (90%) දි ඉ	0 (0%)	
Have you ever used the MyChildren's patient portal	?		5 (8%	ś) 5	.5 (90%) 5 .5 (90%)	1 (2%)	

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The first 21 respondents demonstrated little interest in patient portal. Thus, we clarified the survey referring to the postal as an online tool. This resulted in a 39% increase in reported preference for the portal. Out of 40 additional respondents, 68% were interested in self-scheduling and 80% in accessing PHI through the portal (Table 2).

Table 2. Adolescent Preferences

				\
35 Female: 26 Male		I would prefer to schedul	e I would prefer to refill my	Nould preferto access
Age (years): 12-14 (28%);	15-17 (36%); 18-25 (36%)	my appointments:	prescriptions:	personal health information
Online	Strongly Agree	15 (38%)	10 (25%)	14 (35%)
(MyChildren's Patient Portal Website or App)**	Agree	12 (30%)	15 (38%)	18 (45%) from http://www.news.news.news.news.news.news.news.n
N=40	Neither Agree nor Disagree	6 (15%)	7 (18%)	1 (3%)
	Disagree	4 (10%)	5 (13%)	4 (10%) ed
	Strongly Disagree	2 (5%)	2 (5%)	2 (5%)
	Unanswered	1 (3%)	1 (3%)	14 (35%) 18 (45%) 1 (3%) 4 (10%) 2 (5%) 1 (3%) 4 (19%) 4 (19%) 7 (33%) 4 (19%) 2 (10%) 0 (0%) 6 (29%) 2 (10%) 9 defrom http://bmjpaedsopen.bmj.com/ on April 27, 2024 by guest. Protected by copyright.
Via MyChildren's Patient	Strongly Agree	2 (10%)	1 (5%)	4 (19%)
Portal App* N=21	Agree	6 (29%)	2 (10%)	4 (19%) Pril 27,
	Neither Agree nor Disagree	7 (33%)	9 (43%)	7 (33%)
	Disagree	5 (24%)	4 (19%)	4 (19%)
	Strongly Disagree	1 (5%)	5 (24%)	2 (10%)
	Unanswered	0 (0%)	0 (0%)	0 (0%) otected
Via MyChildren's Patient	Strongly Agree	2 (10%)	1 (5%)	6 (29%) g
Portal Website*	Agree	4 (19%)	1 (5%)	2 (10%) opyrical market

			•	
N=21	Neither Agree nor Disa	gree 10 (48%)	10 (48%)	8 (38%)
	Disagree	3 (14%)	4 (19%)	3 (14%)
	Strongly Disagree	2 (10%)	5 (24%)	2 (10%)
	Unanswered	0 (0%)	0 (0%)	0 (0%)
Via Phone Call	Strongly Agree	23 (38%)	14 (23%)	14 (23%)
N=61	Agree	29 (48%)	28 (46%)	25 (41%)
	Neither Agree nor Disa	gree 8 (13%)	9 (15%)	12 (20%)
	Disagree	1 (2%)	8 (13%)	8 (13%)
	Strongly Disagree	0 (0%)	2 (3%)	1 (2%)
	Unanswered	0 (0%)	0 (0%)	1 (2%)
In Person	Strongly Agree	11 (18%)	20 (33%)	25 (41%)
N=61	Agree	21 (34%)	19 (31%)	27 (44%)
	Neither Agree nor Disa	gree 18 (30%)	12 (20%)	4 (7%)
	Disagree	7 (11%)	6 (10%)	3 (5%)
	Strongly Disagree	2 (3%)	2 (3%)	1 (2%)
	Unanswered	2 (3%)	2 (3%)	1 (2%)

Page 7 of 12

 *Based on 21 surveys using the phrasing "MyChildren's Patient Portal Website" and "MyChildren's Patient Portal App"

**Based on 40 surveys using the phrasing "Online (including MyChildren's Patient Portal Website or App)"

While study participants exhibit low self-management skills and awareness of a patient portal, most welcome using to manage their health. Further research is needed to validate whether a patient portal can promote self-management skills towards transition readings among publicly insured Hispanic youths.

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Acknowledgements: This manuscript was made possible thanks to the support of the Harvard Medical Faculty Teaching Compensation and the Stuart and Jane Weitzman Family Foundation. The findings of this study were shared through an oral presentation at the annual Pediatric Academic Societies Meeting in Baltimore, MD in May 2019. on 26 April 2020.

Financial Disclosure: The Authors have no financial relationships relevant to this article to disclose.

Conflict of Interest: The Authors have no conflicts of interest relevant to this article to disclose.

Ethic: Please note this study was exempted as a quality improvement initiative by our Institutional Board of Review

Authors Statement: Dr. Sophie Allende-Richter conceptualized the study, critically reviewed and revised the manuscript for important intellectual content.

Melanie Ramirez provided significant contributions to the data collection that led to this manuscript. She also drafted the initia manuscript, reviewed and revised

it. Zana Khoury provided significant contributions to the data analysis and presentation used in this manuscript. She also critically reviewed and revised the

manuscript. Dr. Fabienne Bourgeois provided substantial contribution to the manuscript conception and critically reviewed and revised it. Dr. Alexandra Epee-

Bounya provided substantial contribution to the manuscript conception and critically reviewed and revised it. Dr. Kitty O'Hare provided substantial contribution to

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[[]i] Lebrun-Harris LA, McManus MA, Ilango SM, et al. Transition Planning Among US Youth With and Without Special Health Care Needs. *Pediatrics* 2018; 142(4): p.e20180194.

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 - o other (please specify):

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 - Strongly agree
 - o Disagree
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 Strongly agree

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direct messages to yo	ur doctor's office?
o Yes	

- 10. Do you know how to access the MyChildren's patient portal?
 - o Yes

o No

- o No
- 11. Have you ever used the MyChildren's patient portal?
 - o Yes
 - o No
- 12. I would prefer to schedule appointments:

	Strongly Agree	Agree Neither	r agree nor disagree D	Disagree Strongly	y Disagree
In person	O	O	0	O	О
Via phone call	O	O	0	O	O
*Online (MyCl	nildren's O	O	0	О	О
Patient Portal V	Website or App)				

13. I would prefer to refill prescriptions:

	Strongly Agree	Agree Neitl	her agree nor disagree Di	isagree Strongly	Disagree
In person	O	O	O	O	O
Via phone call	O	O	O	O	O
*Online (MyCh	nildren's O	O	O	O	O
Patient Portal V	Vebsite or App)				

O

Policy

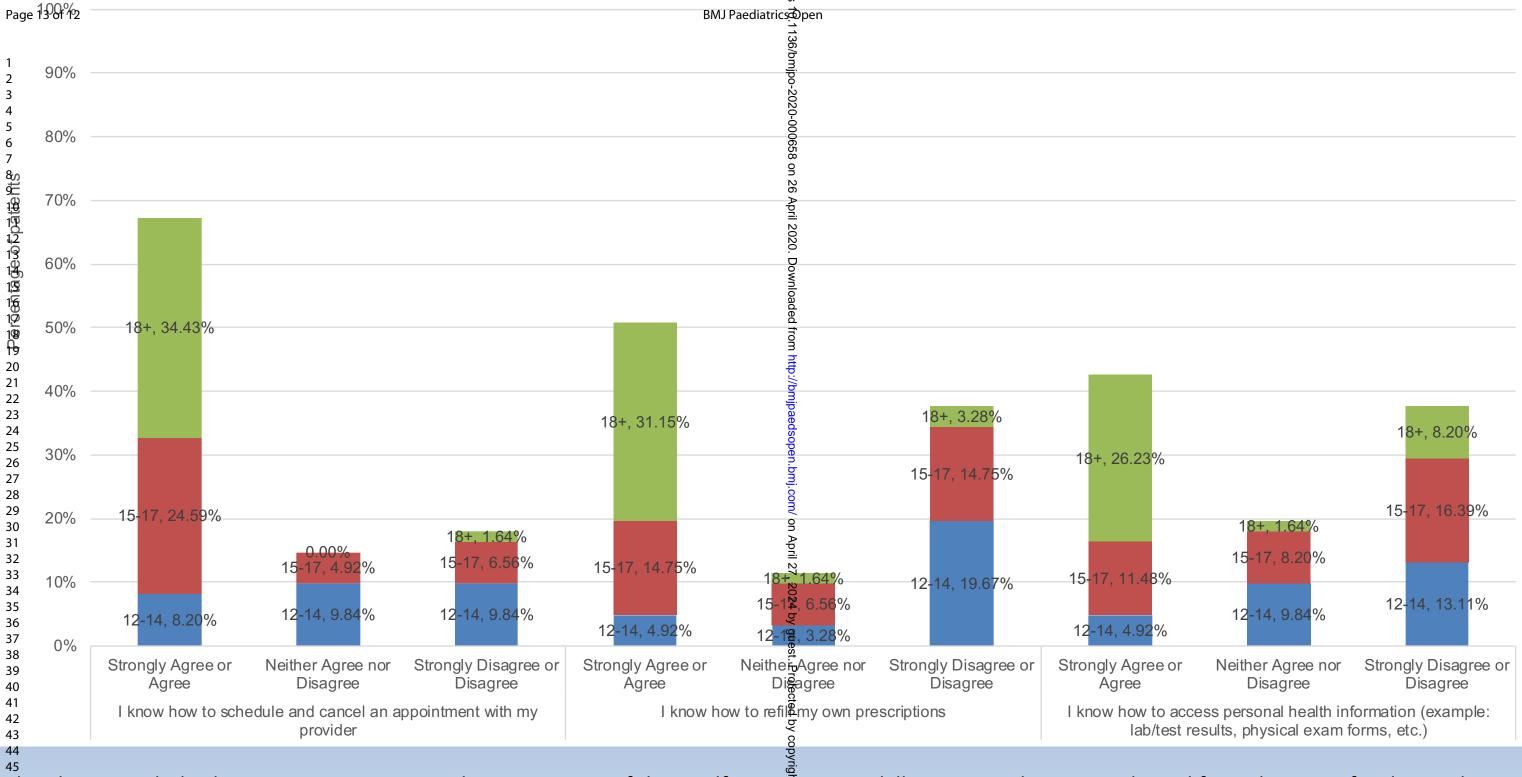
14. I would prefer to access personal health information:

	Strongly Agree	Agree Neithe	er agree nor disagree	Disagree Strongly	Disagree
In person	O	O	O	0	O
Via phone call	О	O	O	O	O
*Online (MyCl	hildren's O	O	O	O	O
Patient Portal V	Website or App)				

15. How would you like to learn more about (check all that apply):

In person Flyer Clinic Website Martha Eliot Facebook Messages from MyChildrens's Patient Portal Health insurance O O O O O O O O O O O O Martha Eliot Transition

^{*}The first 21 respondents demonstrated little interest in patient portal applications. Thus, we clarified the phrasing "MyChildren's Patient Portal Website" and "MyChildren's Patient Portal App" to "Online (including MyChildren's Patient Portal Website or App)" for the 40 additional respondents.



The above graph displays participants answers by age to 3 out of the 6 self-management skill questions that were adapted from the TRAQ for this study

50