



# IMPACT OF HEALTHVANA DIGITAL ENGAGEMENT ON HIV PRIMARY CARE APPOINTMENT OUTCOMES

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# CONFLICT OF INTEREST DISCLOSURE

## HENNA PATANI, MPH

No conflicts of interest to disclose.



# AIDS HEALTHCARE FOUNDATION (AHF)

Largest HIV medical care provider in the US.

58 Healthcare Centers (HCCs) in 15 states and DC.

Healthvana patient engagement platform and app.

**Retention in HIV care improves health outcomes.**





# HEALTHVANA

Healthvana

EMAIL / USERNAME  
jenna@healthvana.com

PASSWORD  
\*\*\*\*\*

**SIGN IN**

Forgot your password?

Dr. Lewandowski

JUNE				JULY
Wed 7	Thu 8	Fri 9	Wed 14	Tue 1
MORNING	MID-DAY	AFTERNOON		
No availability	12:20 PM	3:00 PM		
	12:40 PM	3:20 PM		
	2:20 PM			
	2:40 PM			

Not finding what you are looking for?  
[Request different dates](#)

**SELECT TIME ABOVE**

RESCHEDULE YOUR APPOINTMENT

You're almost done!

Confirm your appointment details below.

**JUNE 9**

FRIDAY

**3:20 PM | Dr. Lewandowski**  
AHF HEALTHCARE CENTER

**CONFIRM APPOINTMENT**

MARCH 26, 2019

**HIV Health**  
DETAIL

CD4 Count **750**  
Standard Range 500-1600

HIV Viral Load **UNDETECTABLE**   
<20 copies/mL





## RESEARCH QUESTION

***What is the effect of the Healthvana platform  
on scheduled HCC appointment outcomes?***



# POPULATION AND VARIABLES

**40,028 AHF clients who scheduled their first four HCC appointments between Jan. 2, 2017 and May 22, 2018.**

Predictors: Health-  
vana logins and  
text reminders.

Demographics:  
Age, gender, race,  
and insurance.

Outcome: HCC  
appointment at-  
tendance (yes/no).



# DEMOGRAPHICS SUMMARY

**Age:** Most were 25-39 and 45-59 years.

**Gender:** Four-fifths were male.

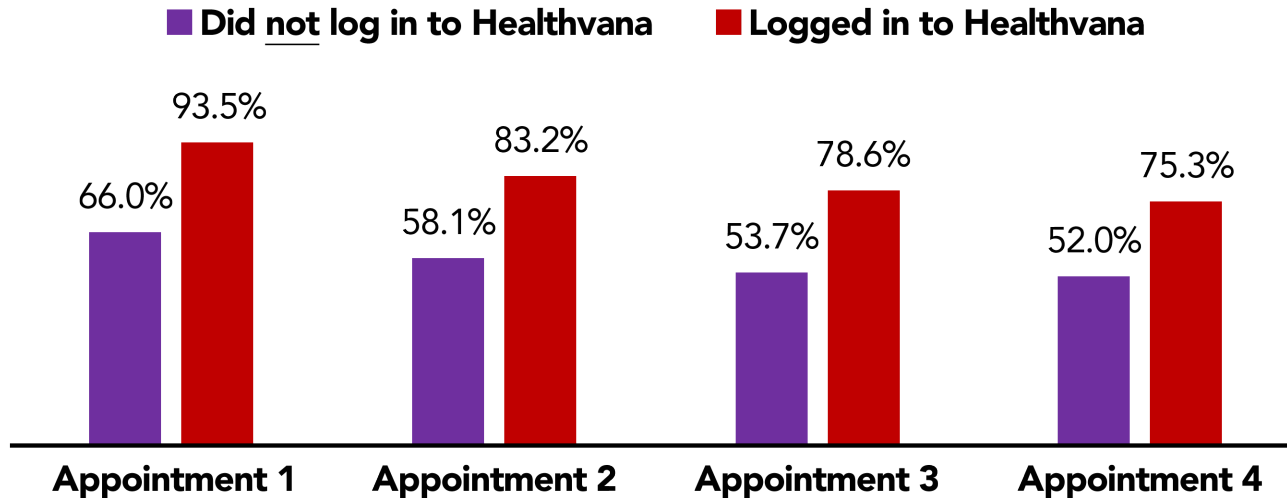
**Race:** Most were White or Black/African American.

**Insurance:** More than half had private insurance.



# HEALTHVANA LOGIN OUTCOMES

**Figure 1: Client Scheduled HCC Appointment Completion by Healthvana Platform Login.**

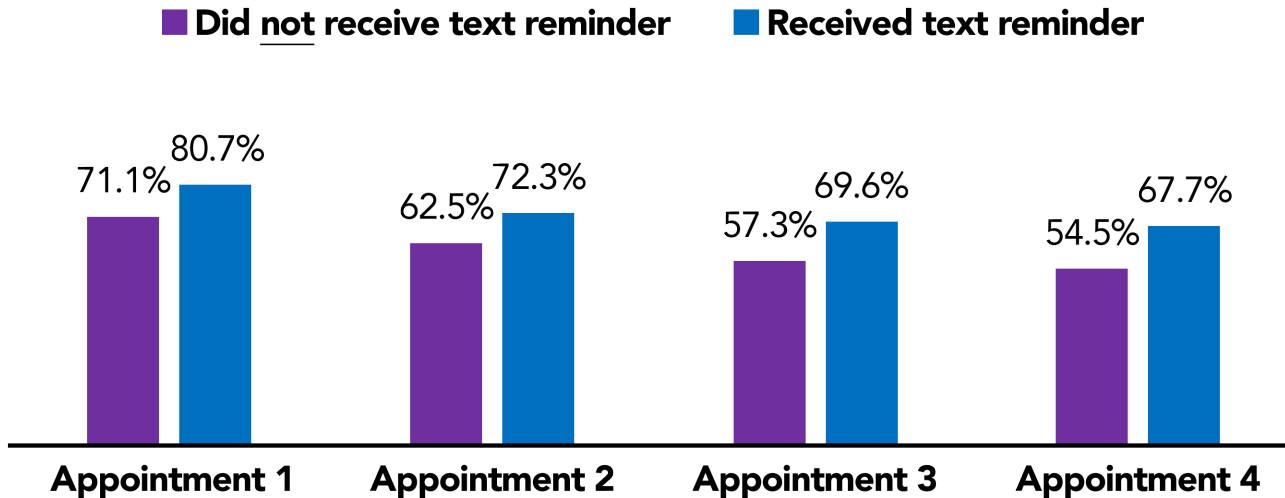






# HEALTHVANA LOGIN OUTCOMES

**Figure 2: Client Scheduled HCC Appointment Completion by Healthvana Text Reminder.**





# HEALTHVANA ENGAGEMENT ODDS

**Table 1: Client Odds of Completing Scheduled HCC Appointment by Healthvana Engagement Type.**

	Logged in to Healthvana		Received text reminder	
	Odds Ratio	95% CI	Odds Ratio	95% CI
Appointment 1	7.4	(6.7, 8.1)	1.7	(1.4, 2.1)
Appointment 2	3.6	(3.4, 3.8)	1.6	(1.5, 1.7)
Appointment 3	3.2	(3.0, 3.4)	1.7	(1.6, 1.8)
Appointment 4	2.8	(2.7, 3.0)	1.8	(1.6, 1.8)



## CONCLUSION

**Healthvana platform is significantly associated with HCC appointment outcomes.**

**Interventions to strengthen retention in HIV care can help improve medication adherence and viral suppression.**



THANK YOU

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[aidshealth.org](http://aidshealth.org)

[hivcare.org](http://hivcare.org)

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