Webinar Tips and Notes

- Your phone &/or computer microphone has been muted.
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Innovation and Integration of Telehealth into Population Health

Michael Hasselberg, PhD, RN, PMHNP-BC
Chief Digital Health Officer
Disclosures

I have no financial relationships with a commercial entity producing healthcare-related products and/or services relevant to the context I am presenting.
\[ E_{XY} = \sum_{c \in X} \left[ 1 - (1 - P_Y)^{|c|} \right] = \sum_{c \in X} \left[ 1 - \sum_{k=0}^{|c|} \binom{|c|}{k} (-P_Y)^k \right] \]

\[ = \sum_{c \in X} \left[ 1 - \left[ 1 + \sum_{k=1}^{|c|} \binom{|c|}{k} (-P_Y)^k \right] \right] = \sum_{c \in X} \sum_{k=1}^{|c|} (-1)^{k+1} \binom{|c|}{k} P_Y^k \]

\[ = \sum_{c \in X} \sum_{k=1}^{\infty} (-1)^{k+1} \binom{|c|}{k} P_Y^k \]

\[ \text{(since } \binom{|c|}{k} = 0 \text{ for } k > |c|) \]

\[ = \sum_{k=1}^{\infty} \sum_{c \in X} (-1)^{k+1} \binom{|c|}{k} P_Y^k \]

\[ \text{(Fubini’s theorem)} \]

\[ = \sum_{k=1}^{\infty} \alpha_k(X) P_Y^k \]

\[ \text{where } \alpha_k(X) = \sum_{c \in X} (-1)^{k+1} \binom{|c|}{k}. \]
Clinicians & Caregivers

UR Digital First (2020)

UR Data Store (2021)

Patients
Access Digital Front Door
Create personalized access
For patients across the health system continuum

Engagement
Virtual Care Platform
Empower patient engagement to self manage health through seamless technologies

Value
SMART Health
Transform value through data driven navigation and care pathway automation

UR Digital First
UR Data Store
Distance from Patients’ Homes to Dollar General Stores

- **< 1 mile**: 27.2% (95,750 patients)
- **1-4 miles**: 55.9% (176,247 patients)
- **5-10 miles**: 16.8% (52,929 patients)
- **10+ miles**: 0.1% (458 patients)

Patients Outside Monroe County
The Future
Our Next Webinar

The NCTRC Webinar Series

Occurs 3rd Thursday of every month.

**Telehealth Topic:** Integrated Patient Portals and Improving the Virtual Experience

**Hosting TRC:** California Telehealth Resource Center (CTRC)

**Date:** May 19, 2022

**Times:** 11 AM – 12 PM (PT)

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