

Hello, is it me you're looking for?

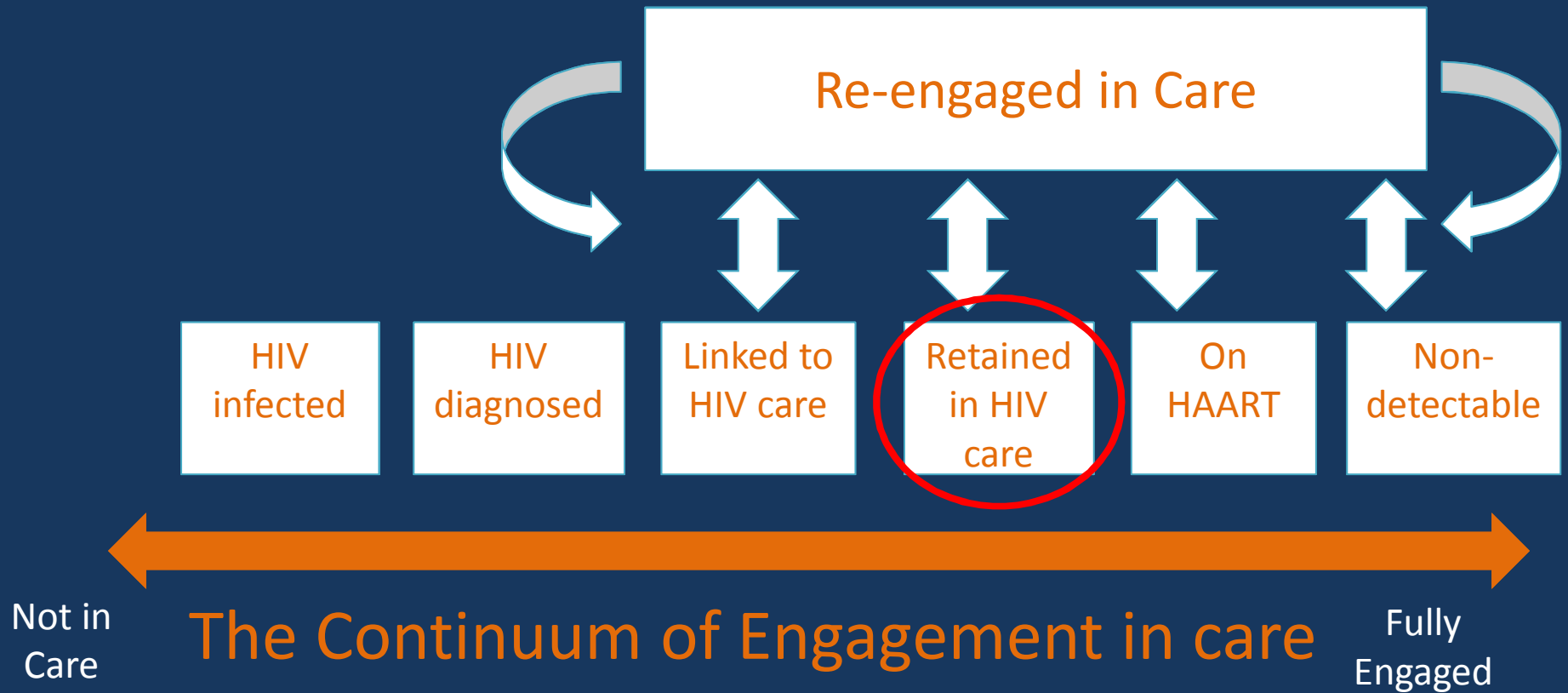


Impact of provider delivered phone calls on clinic attendance.

UVA Ryan White Clinic

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The continuum and churn of (re)engagement in care



Adapted from Ulett et. al

Previous research

“ Automated telephone reminder calls

- . Henry 2012; Perron 2010

“ Consistent messages from provider about the importance of retention

- . Gardner et al. 2012

“ Improved patient provider communication and patient satisfaction

- . Flickinger et al. 2013; Beach 2006; Dang 2013

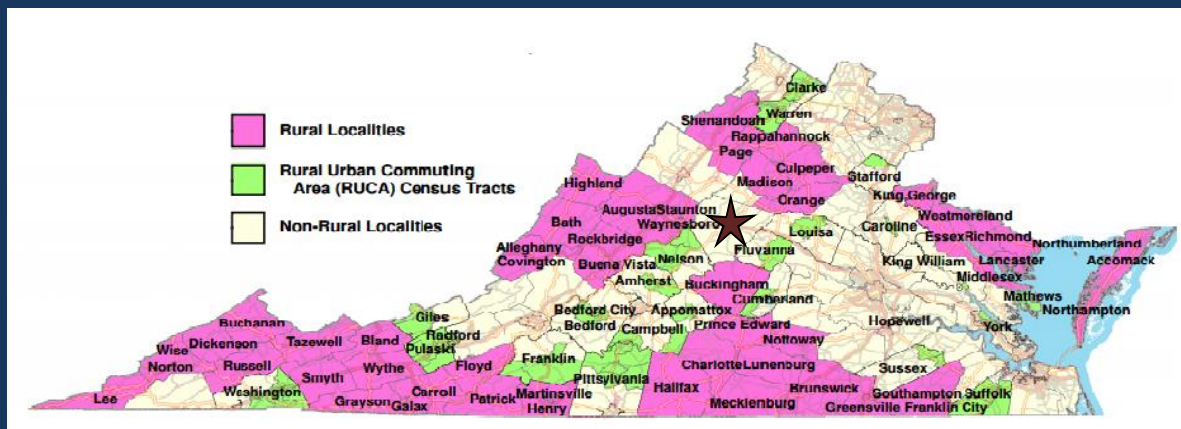
Can provider phone calls
improve clinic attendance
by patients at high risk of
non-attendance?

UVA Ryan White Clinic

- 686 Active patients
- Sex: Male (71%), Female (28%), Transgender (1%)
- Race: White (55%) and Black /African American (44%)
- Risk Factors: MSM (46%); Heterosexual (40%); IDU (8%); MSM IDU (2%); Perinatal, hemophilia and unknown (4%)
- Insurance: Private : 36%, Public 21%, No insurance 43%



280 patients identified as “at risk” of falling out of care or out of care

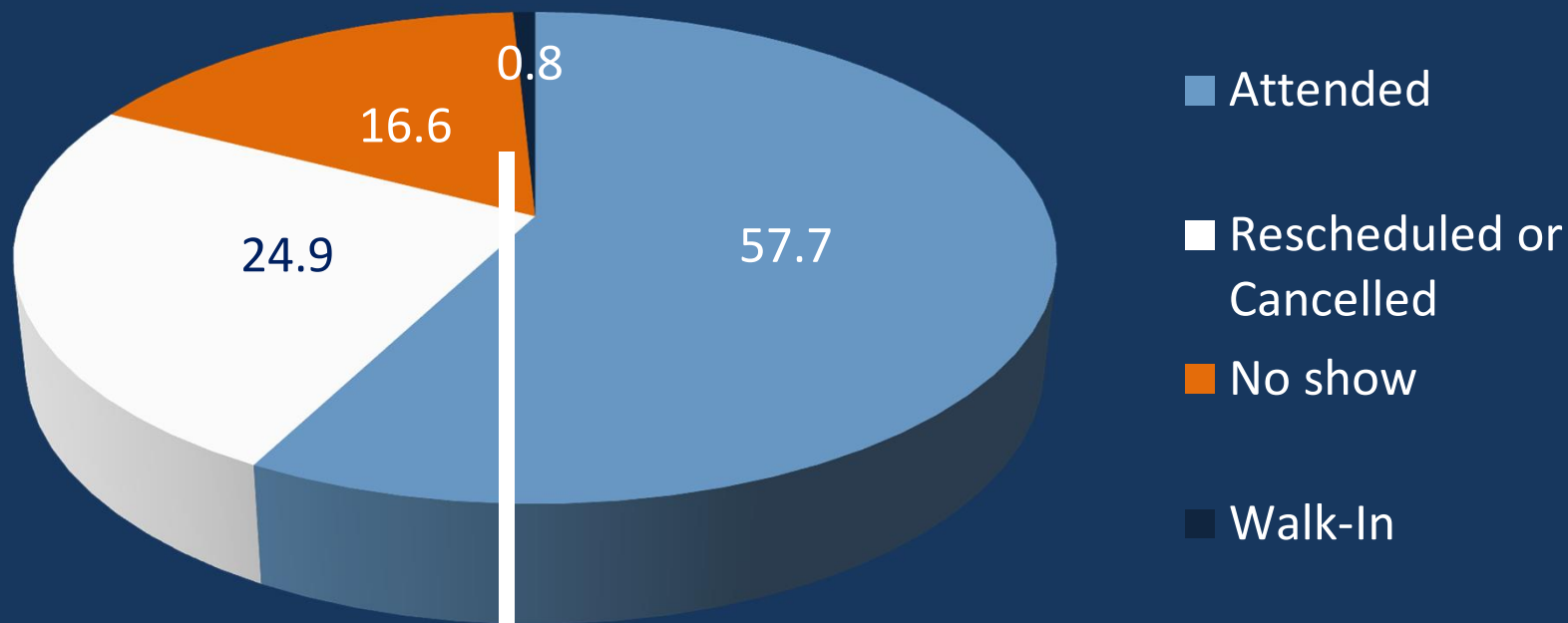


Virginia Rural (Non-Metropolitan) Areas and Census Tracts within Metropolitan Areas (MAs) Designated as Rural based on their Rural Urban Commuting Area (RUCA) Scores.

(<http://www.vdh.virginia.gov/OMHHE/primarycare/documents/rural/QRHPRuralLocalitiesandRUCA.pdf>)

Appointment attendance and virologic outcomes

Appointment Data



“No show rate” was the strongest predictor of virological outcomes in the University of Virginia’s largely rural HIV population. (OR 23.58 (7.16-77.64) $p < 0.0001$, R^2 7.6%).

(Althoff A, Schectman J, Dillingham RA. “No Show Rate” Predicts Virologic Outcomes in a Largely Rural Population with HIV. Oral Abstract #62031. 5th International Conference on HIV Treatment Adherence. May 23-25, 2010. Miami, FL)

Reminder Process

- “ Standard: All UVa outpatients receive an automated phone call 3 days prior to their appointment and a written reminder of the appointment.
- “ Intervention: Provider- delivered reminder phone calls for clients at risk of poor engagement in care (in addition to standard reminder)



Retention in Care Risk Coding

Code	Reason for being “at risk”
1	1 “no show”
2	2 consecutive “no shows”
3	3 consecutive “no shows”
4	6 months + without a visit
5	New to Care at UVA (within 1 year)
6	Other reason
7	History of “no shows”
8	Stretches time between visits
9	Previously out of care (codes 3 or 4)

“At Risk” Reminder Process and Feedback

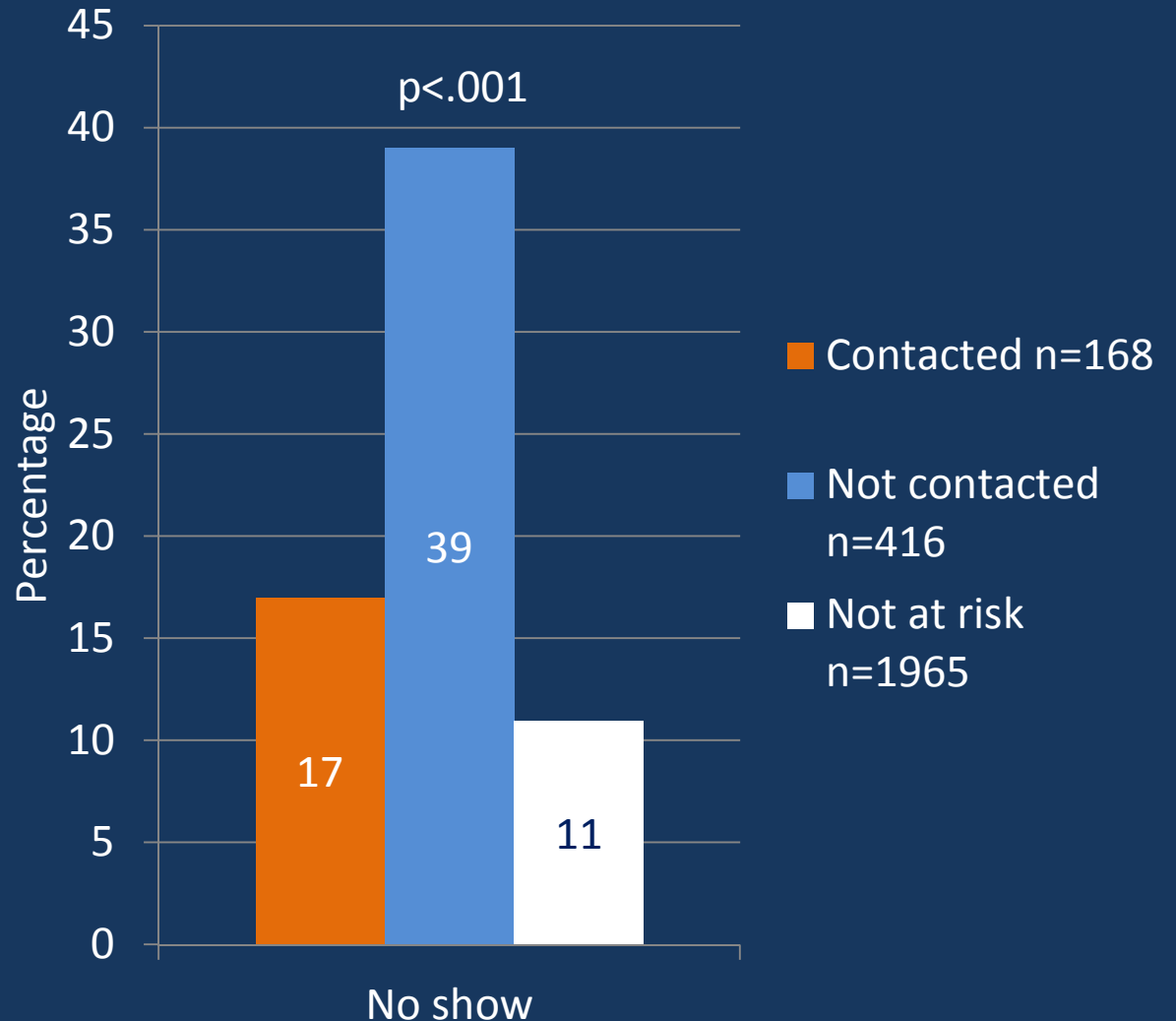
Patients were identified as either active, out of care, or “at risk” of falling out of care according to our code

HIV provider is emailed a list of their scheduled “at risk” patients each week and asked to telephone clients with a reminder

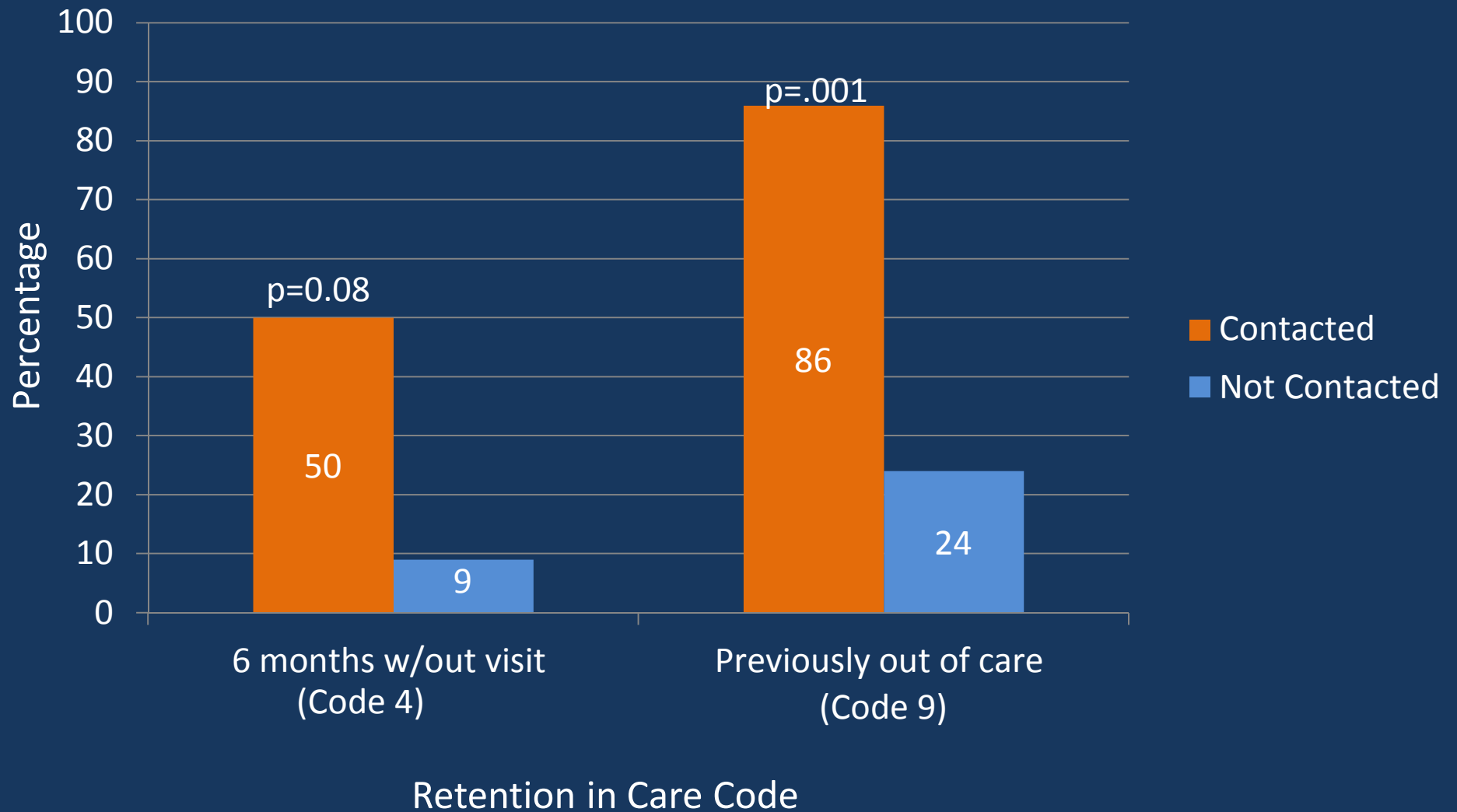
Providers report to Retention in Care Coordinator whether and how they interact with the clients

Provider-delivered phone calls reduced no show rates

From October 16, 2012-April 30, 2013



Provider phone calls increase attendance for highest risk groups





Provider Phone Call Olympics

- “ During the first 10 weeks, providers contacted 40% percent of “at-risk” patients.
- “ Changes in “at-risk” patient attendance were shared with clinic providers and staff regularly.
- “ In order to increase provider participation, we developed a “Provider Olympics.” The provider with the greatest percentage of attempted contact was recognized via a group email.
- “ Unfortunately percentage of patients contacted fell from 40% to 26% in weeks 11-26.

Conclusion

Phone calls made by providers improved clinic attendance in a patient group at high risk of poor engagement in care .

Limitations

- “ Incomplete provider participation
- “ Inaccurate patient contact information
- “ Voicemails counted as contact made
- “ Rescheduling may have been initiated by the patient or the provider
- “ Unable to assess whether some improvement was due to other changes in the clinic

Future Strategies

- “ Phone calls by medical case managers
- “ Increase incentives for provider participation
- “ Assess for changes in overall clinic attendance rates and correlations with virologic suppression
- “ Text messaging

Thank you

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