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#10 Adverse Event Notification and Tracking Among HIV Positive Patients on ART: Lessons from A Tele-Health Centre In Kampala

Joram Okeng, Uganda

Adverse event notification and tracking among HIV positive patients on ART: Lessons from a Tele-health centre in Kampala

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The Medical Concierge Group

Background

84%

Know their HIV status

87%

Are taking ARVs

88%

Virally suppressed

INTEREST 2020

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Background

- Low retention in care remains a major driver for suboptimal viral suppression

- Adverse drug reactions (ADEs) lead to treatment stoppage

- Currently, there are no streamlined platforms for PLHIV to report ART ADEs for timely follow up support.

- We report lessons from a telehealth support centre for a large public health program covering 9 districts of Lango Subregion, Northern Uganda

Setting

- TMCG[1] supports HIV/AIDs care in the RHITES[2] -North Lango project through provision of SMS and toll free voice lines for remote support.

- HIV positive clients who consented for mHealth support, had their demographics and ART care facility collected.

- Information on ADEs inquiries and advice offered was collected via an EMR and analyzed using MS Excel 2019 for data from Jan - Dec, 2018.

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1)TMCG: The Medical Concierge Group 2) RHITES: Regional Health Initiatives To Enhance Services

Results

16,062 patients consented for mHealth support from 15 facilities across 9 districts of the Lango sub-region

78% of ADEs reporting came through the **voice platform**

and

22% through **SMS**

System categorization

CNS

31.4%

Dizziness, headache, nightmares

MSK

27.1%

Joint pain, body weakness

Skin

20.1%

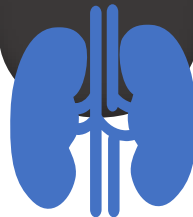Rashes, discoloration

GIT

10.7%

Nausea, vomiting, diarrhea, low appetite

GUS

6.3%

Erectile dysfunction, urine color

ENT

4.4%

Itching, discomfort

80.4% complaints were remotely resolved

19.6% referred and followed up for outcome

Conclusion

1. mHealth approaches (SMS and voice call-ins) provide feasible means of tracking ADEs among HIV positive patients in real time.

2. Scaling up mHealth platforms for routine care & support of ART patients will improve adherence, help achieve the 95:95:95 target.

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