

Videovoice diaries to understand the perspectives of community health volunteers in Ethiopia: Insights from collaborative qualitative research

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Outline

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MEDICINE



Background

- A video diary is a digitized diary used for the collection of data on informants' lives over an **extended period**.
- Is an established social science method
- It has more recently gained importance in the field of health policy and systems research (Jewitt C, 2012).



Background...

- Advantage of the method
 - a) participant-led and authentic** in reflecting unique individual experiences; view
 - b) capture experiences in real time**, thereby minimizing recall bias
 - c) reflexive, stimulating the maturation of respondents' ideas** over time
 - d) motivate and empower respondents**



Objective

- General objective:

To understand the role of community health volunteers as mediators of accessible and responsive PHC in Ethiopia.

- Specific objective:

To understand perspective of community health volunteers

To explore community health volunteers lived experience



Methods

Study setting: Three district of Jimma Zone, Oromia regional state



- Seka Chekorsa (Best performing district)
- Tiro Afeta (Medium performing district)
- Omo Nada (Least performing district)



Methods...

- **Design:** Qualitative study
- **Collaborator:** researchers, community and health managers
- Participant were selected purposively based on performance in implementing **WDA program**
- Ethical clearance: IRB of JU, LSHTM and Oromia Regional Health Bureau



Method...

□ Procedure

- Conversation to create rapport and trust
- Informing the purpose and procedure
- Training on how to use and record the mobile phone
- Encrypted phone with recording capability given
- Regular contact and communication by researchers
 - To establish trust, support and reduce social desirability



Method...

☐ Data security

Training on the use of pass words

- Simple pass words/pattern
- To call to one of the research team in case they face any difficulty
- Avoid consulting others for technical support
- The data taken only with secured USB



Method...

□ Analysis

- Footage will be obtained from 30 WDA, over 3-4 months.
- The videos and audios will be transcribed using **multimodal transcription** methods (gestures, sounds) (Taylor C J. (2003)).
- The transcription will be analysed and **triangulated** with the data obtained via indepth interview, FGD and record analysis.
- The videos and qualitative data will be analysed and compared using ATLAS*t*i



Method...

□ Analysis

- A **co-production workshop** with participants and researchers to interpret the findings will be held.
 - Key themes, priorities and interpreting the event

1. Developing guiding questions

- Video records will be analysed along with **key insights** gained from data gathered from other techniques
- However, We will allow flexibility and **explore new phenomena** that were not discovered through other methods, but are participant-generated.



Method...

□ Analysis

2. Developing content log

- a description of major events that took place for each brief standard unit of time
- WDA meetings, Coffee ceremonies, other community events

3. Viewing and re-viewing the videos

- Individually and in group (participant groups, research teams) and comparing interpretation
- Collaboration has considerable benefits and challenges.



Advantage

- *Videovoice* is a self-directed method shifting power to the participants:
 - They determine what to capture,
 - What is important and
 - How to convey their views and activities and
 - How to communicate with the researchers
- Participants were quick to pinpoint their practice and daily life- become a researcher



Advantage...

- Steep learning curve was seen
- They were given a phone for recording stimulated to regularly engage in the WDA activities
- Data is enriched by participant-generated insights into the reasons behind their decisions.
- A multi-disciplinary research team will enhance the analytical process and interpretation.



Motivation

Motivation

- WDA leaders who received the mobile phones were motivated to record their activities.



Disadvantage

- They may record what is relevant to them
 - but not help to inform policy change
- Technical difficulties;
 - lack of consistent electricity,
 - soundless record
 - difficulties finding phones that allow for secure collection of footage
- Recording of artificial or unnatural events organized just for the sake of recording



disadvantage...

- The footage may be affected
 - with lack of good **rapport and trust**, with the researchers and the local community
- The co-production workshops is critically **dependent on effective communication and trust.**



Discussion

- *Videovoice* can be a useful tool in **enabling** lay researchers
 - To describe their daily life and understand their needs
 - To identify mechanisms for change.
 - To stimulate the **maturation of respondents'** idea overtime
 - To accurately document challenges and opportunity for implementing WDA system in their cultural context ('dabo', 'iddir')



Discussion...

- It can be used as a **complimentary** with other methods
 - It helps to interpret qualitative findings
 - To validate interpretation of data generated via other methods



Discussion...

- The approach can strengthen the immediacy of the research, capturing perceptions within context.
- Co-production will involve a significant **shift in power and emergence of new directions.**
- It equips participants with skills to **re-examine** their **reality.**



Selected References

- Jewit, C. (2012). An introduction to using video for research.
- Taylor, C. J. (2003). Multimodal transcription in the analysis, translation and subtitling of Italian films. *The translator*, 9(2), 191-205.



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