

	Outline	
Background		
Objective		
Methods		
Discussion		
		LONDON SCHOOLØ HYGIENE &TROPICAL

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).
- Audio-visual diary is new in health systems research
- The concept uses participatory research

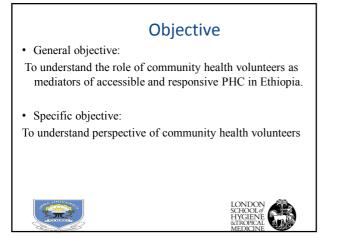


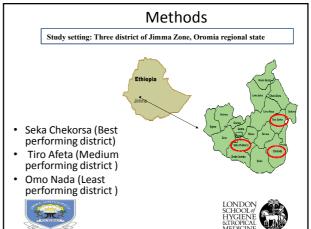


Background...

- 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







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 Procedure
- · Conversation to create rapport and trust
- Informing the purpose and procedure
- Training on how use and record the mobile phone
- participants received an encrypted phone with recording capability
- 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
- · Confidentiality issue
- The data taken only with secured USB





Method...

- 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 ATLASti



Analysis



Method...

Analysis

• A **co-production workshop** with participants and researchers to interpret the findings will be held. – Key themes, priorities for action

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

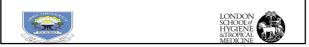
3. Viewing and re-viewing the videos

• Individually and in group (participant groups, research teams) and comparing interpretation



Method...

• Employing *Videovoice* diaries demonstrates that collaboration involving academic researchers, community members and volunteers (as lay researchers) and managers has considerable benefits as well as 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
- 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.



LONDON SCHOOL of HYGIENE &TROPICAL MEDICINE

Challenge

- Intensive engagement is essential, e.g. mutual understanding of the constraints and preferences.
- The analytical process of interpreting the meaning of the findings during the co-production workshops is critically dependent on effective communication and trust.





Challenge...

- Challenges faced during initiation of the field work
 - Technical difficulties
 - Recording events that are not relevant
 - Soundless videos





3/15/2017

Discussion...

- It can be used as a complimentary with other methods
 - To interpret and qualitative data and
 - To validate interpretation of data collected via other methods





Discussion

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





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.



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.



Acknowledgments

- MRC/Welcome Trust Joint Health Systems Research Initiatives
- London School of Hygiene and Tropical Medicine
- Jimma University
- Jimma zone Health Office
- Study participants



