



Monitoring for ensured communicable disease control on evacuation site

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Acknowlegement

Sarada Barakoti Sundari Tamang Urmila Chitrakar Sarita Dhungana Pramila Jirel Shreemaya Jirel Devaki Khatiwada Babita Jirel Lumbini Shakya Sunita Panthi Roshani Shrestha Chandramaya Dangal Madhu Gomja

Indramaya Gurung Maya Shrestha Sharan Khanal Indramaya Shrestha Ram kumari Luitel Samjhana Kunwar Thakchi Sherpa Sumala Basnet Sanumaya khadka Jasmaya Jirel Srijana Khadka Sarita Dhakal



EpiNurse Center in Nursing Association of Nepal

EpiNurse = Epidemiology (疫学) + Nurse

Sushila Paudel Epinurse co-ordinator and research assistant



Please, visit "EpiNurse Center NAN by J-Rapid"





Objective

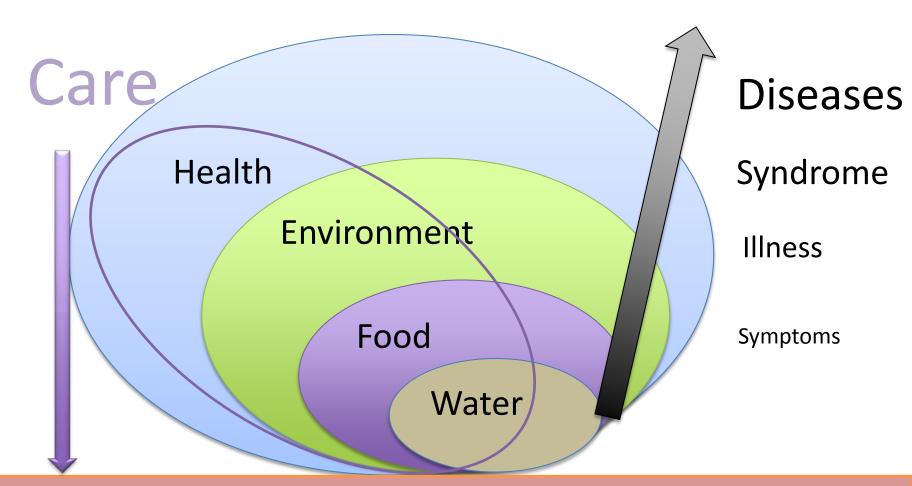
- To assess communicable diseases of the population.
- To assess out the local living environment for surveillance and interventions and priority activities

- To develop Apps to pass the information to the government, donors, and other concerned authorities
- •To find out the barrier for monitoring communicable diseases.



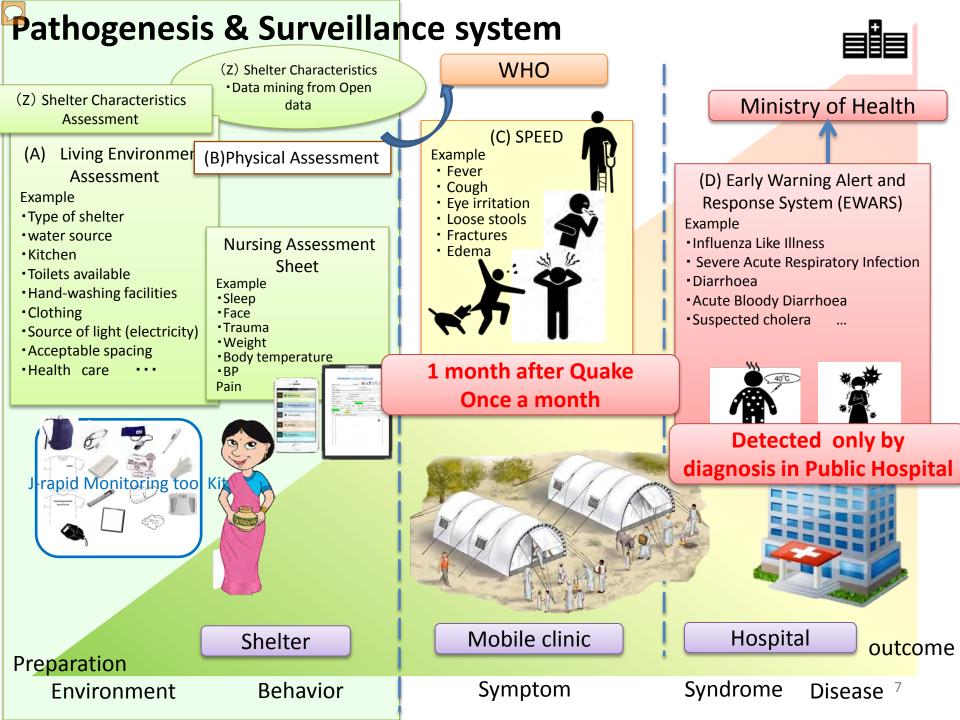
Paradigm of Nursing

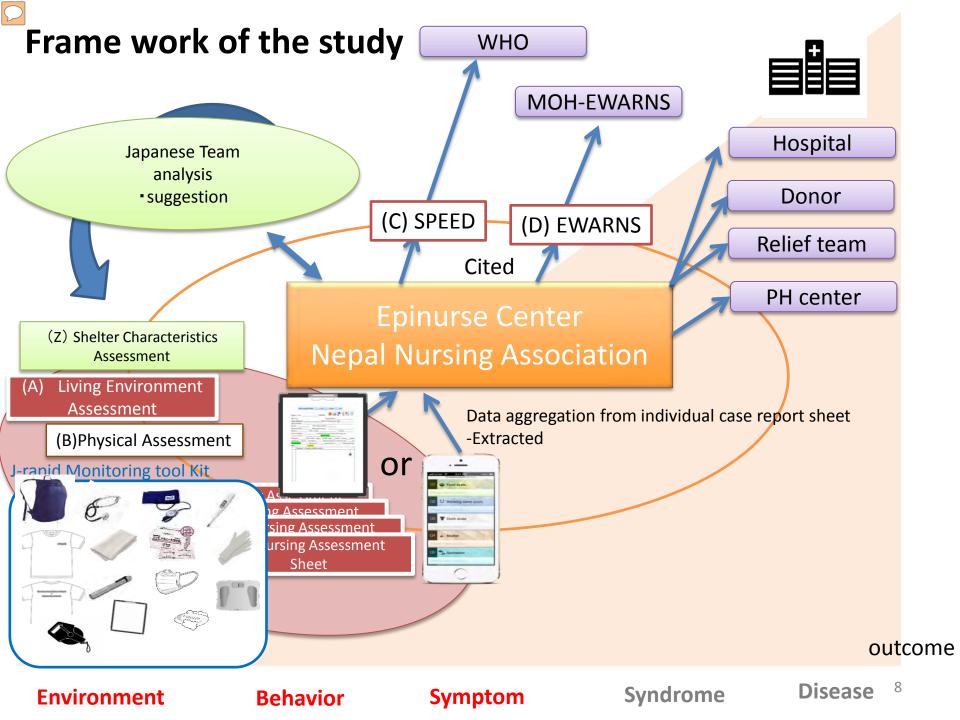
Cure



HUMAN SECURITY MEASURES

now or never







JAPAN

Research Flow

Relief Site

visit Relief Site
observation

-interview

August Kick off meeting

- ✓ Preparation Monitoring took kit
- ✓ Focus Group discussion

② September



visit Relief Site

- observation
- interview

Promoting Health on Site

Monitoring &

Relief Nurse Center (Analyst)



13 times monitoring

Week 1 30 Sep. 2015 -

Week 13 14 Apr. 2016

24 Camps

in Kathmandu, Bhaktapur, Lalitpur Gorkha, Dolakha, Sindhupalchok, Nuwakot, Kavrepalanchok, Dhadir and Rasuwa.

Debriefing session in Japan

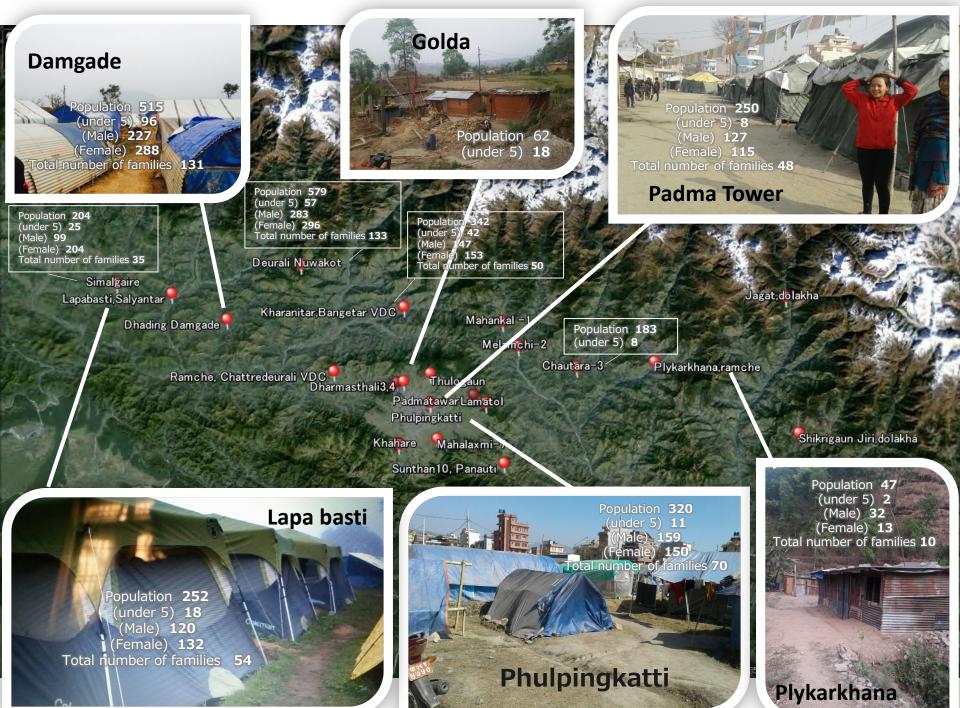


(3)

October

and November

Wrap up Seminar
Focus Group discussion
Interview





Preparation 2 Days Workshop for Epinurse





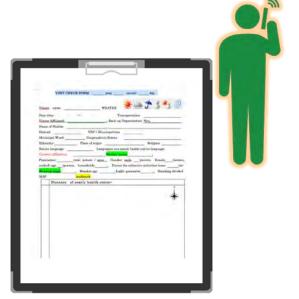
EpiNurse perception for surveillance

Main health issue	Starvation
	Sanitation, Communicable disease(diarrhea, measles, dysentery)
	Psychosocial problem,
	Family crisis, Over crowding, Safety and security
	Mobilize community leaders, FCHV
How to improve?	Health survey, Data analysis
	Health action as per priority
	Implementation , Health education
	Coordinate with DPHO, INGO, NGO, local leaders, social workers and so on
Where to report ?	Health center, Local leaders, DPHO, NAN
	Epidemiology department/MOH
What kind of	Human resources, Money
information feedback	Communication materials, Monthly supervision
needed?	Medicines, Referral format
How to report ?	SMS, email, phone, Facebook Messenger



J-rapid Monitoring tool bag

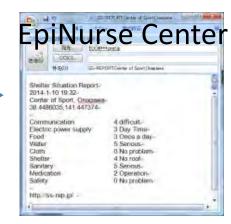




or

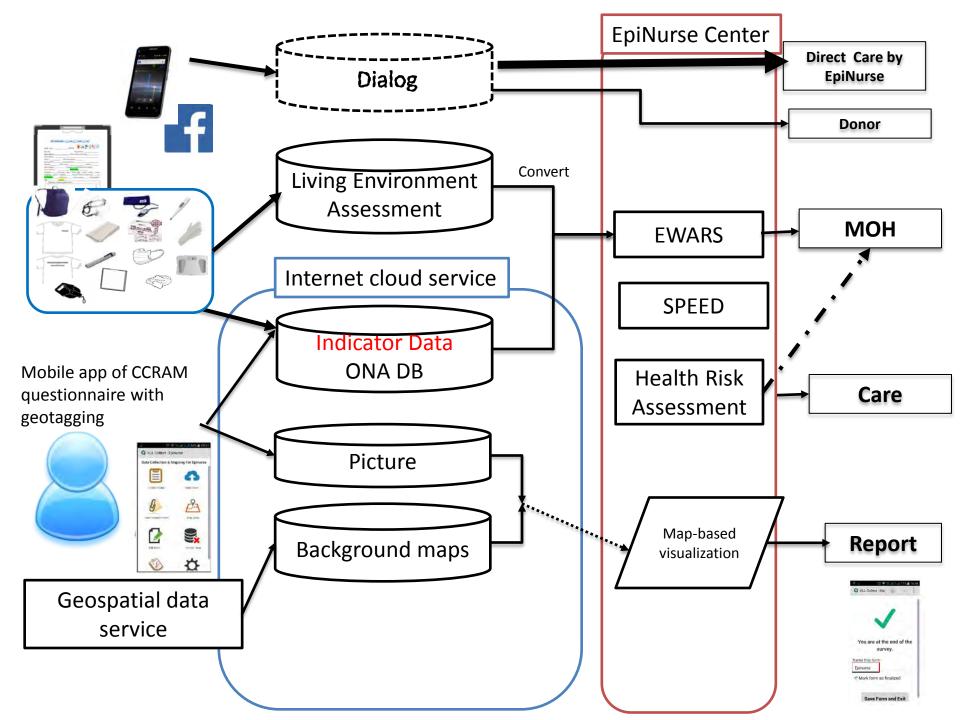


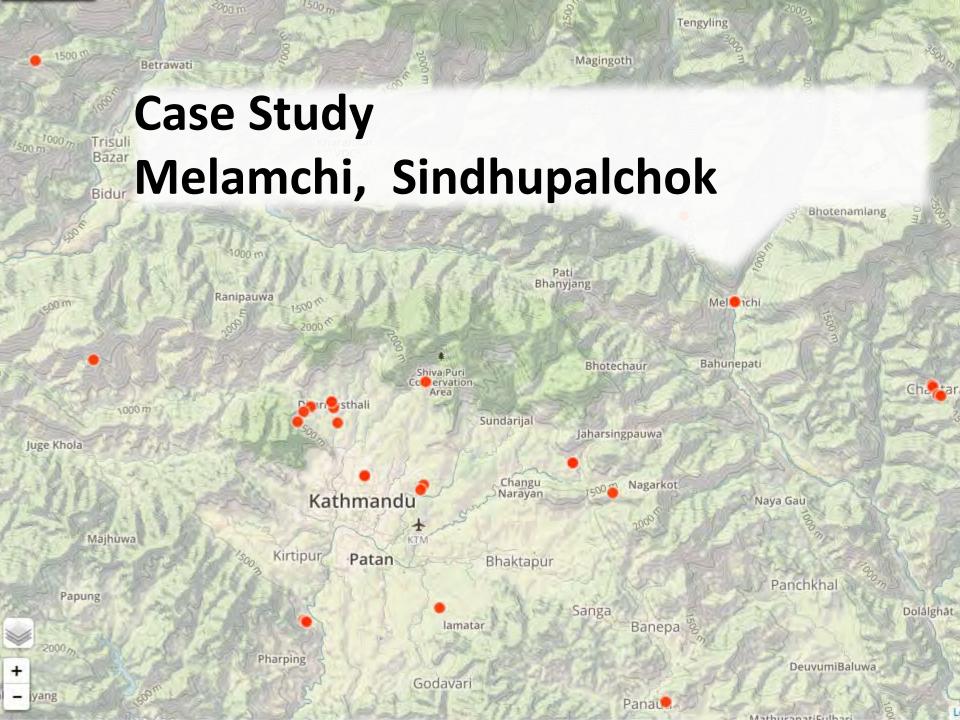




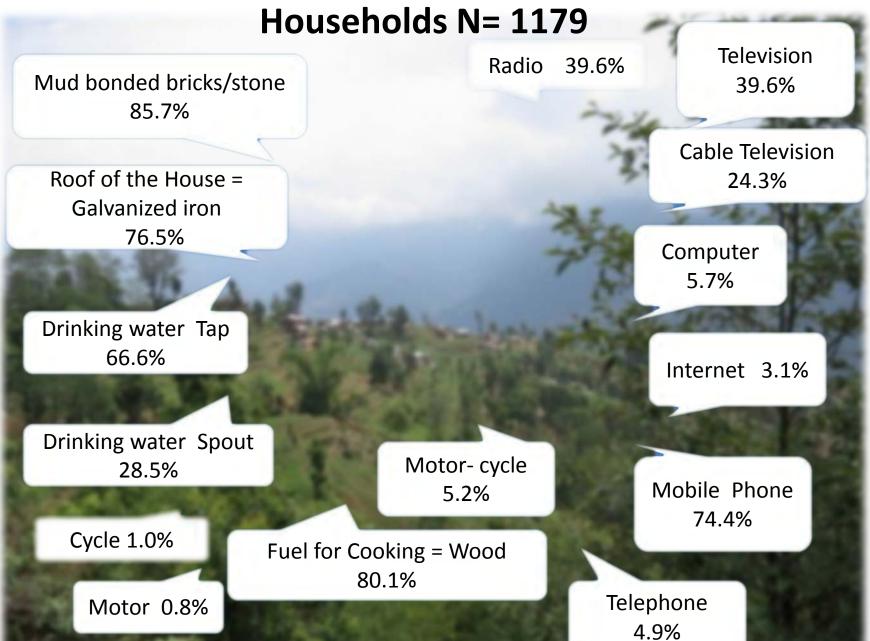


Develop by Philippines





Basic Reference Value of Living Environment(2012)



Basic Reference Value of Living Environment(2012) Residents N= 5230

Gender

Male 48.4%

Female 51.6%

 $60 - 75 \quad 6.7\%$

75+ 2.0%

Ethnics

Brahman – Hill 32.3%

Tamang 28.0%

Newar 10.1%

Sarki 3.0%

Damai/Dholi 1.9%

Kami 1.6%

Sanyasi/Dashnami 1.4%

Mother Tongue

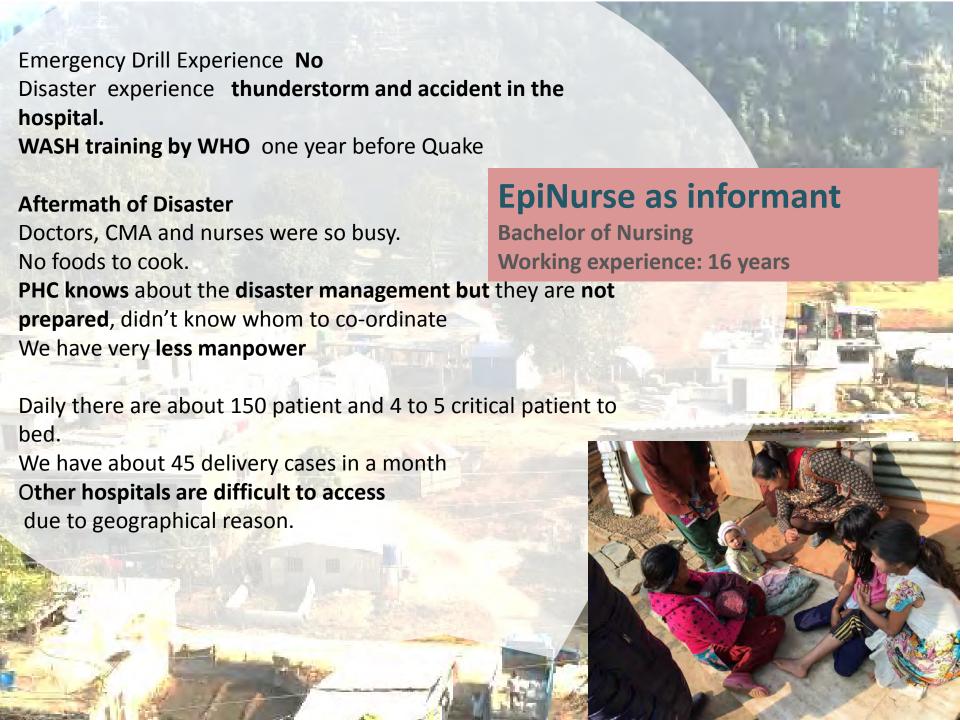
Nepali 53.0% Tamang 27.4% Newar 9.4%

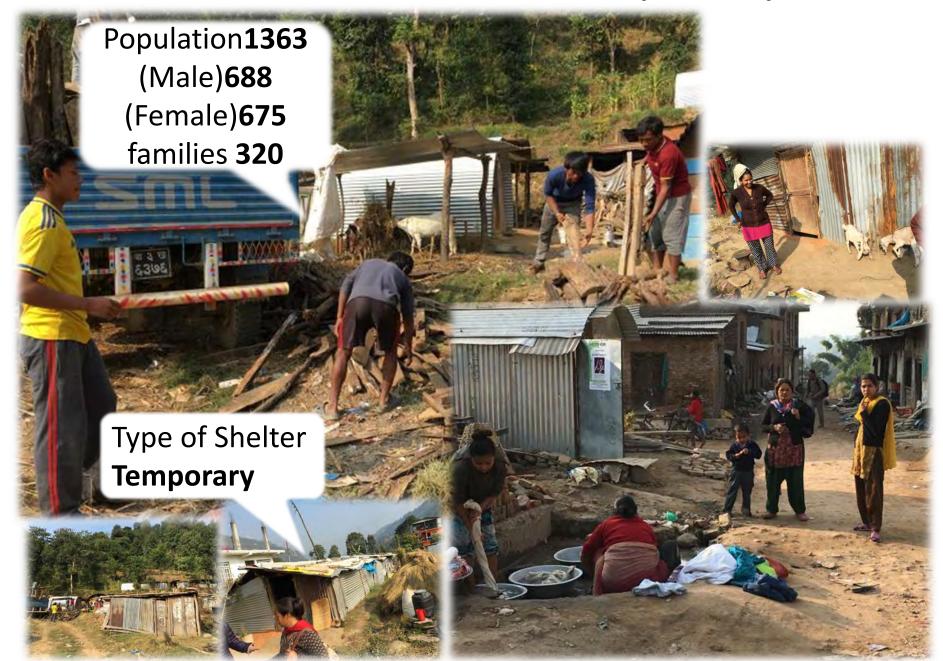
Literacy

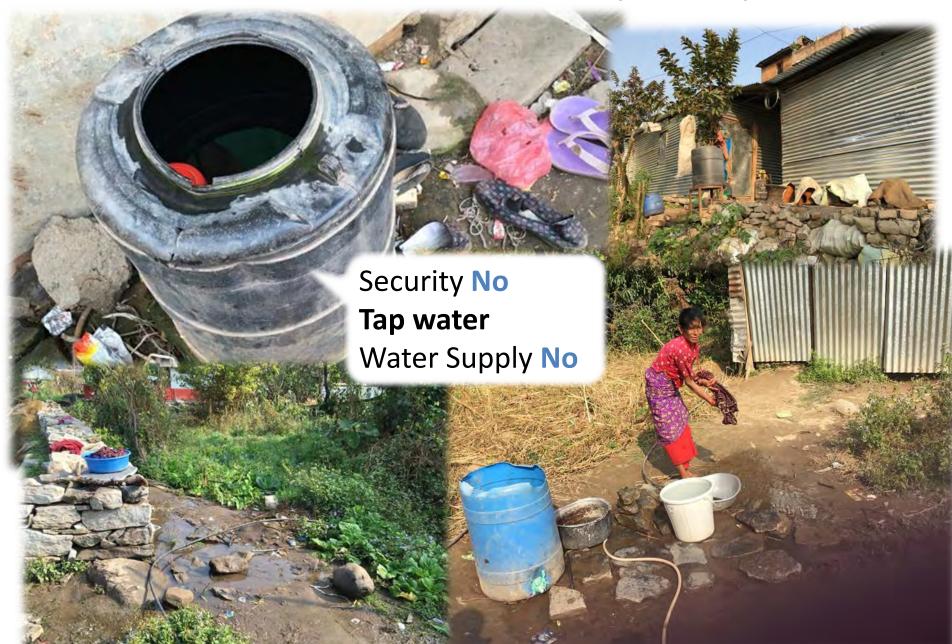
Can read & write 58.0%
Can read only 4.9%
Can't read & write 29.4%
(Male) 10.1%
(Female) 19.4%

Disability

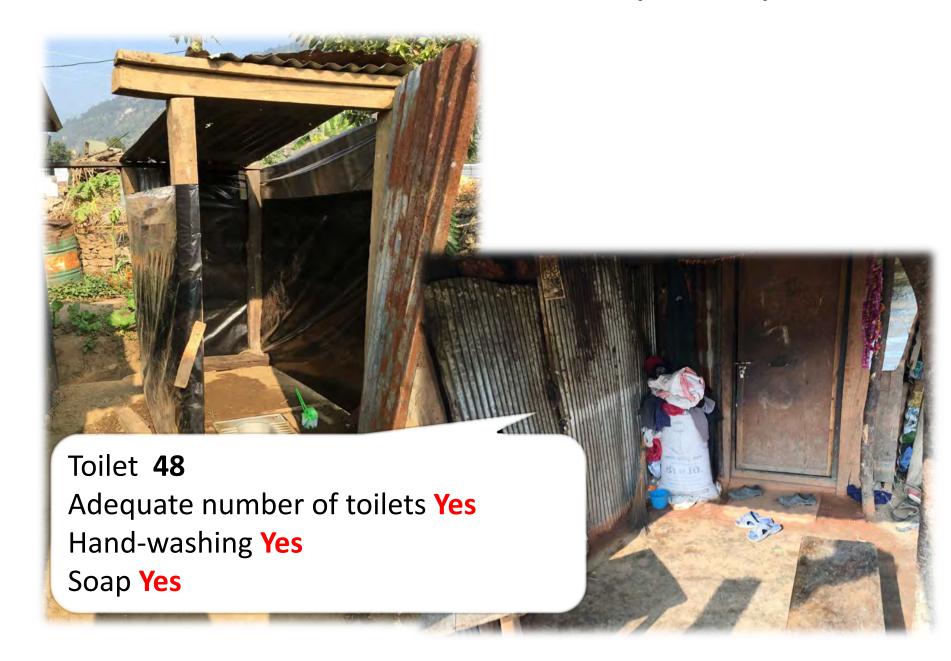
Physical 1.1% Blindness/low vision 0.6% Deaf 0.3%





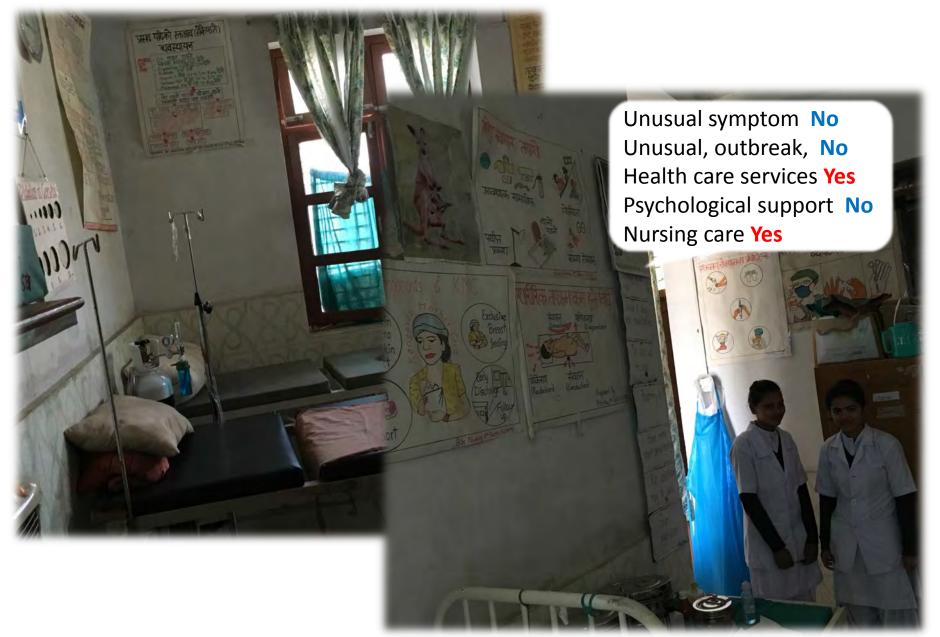


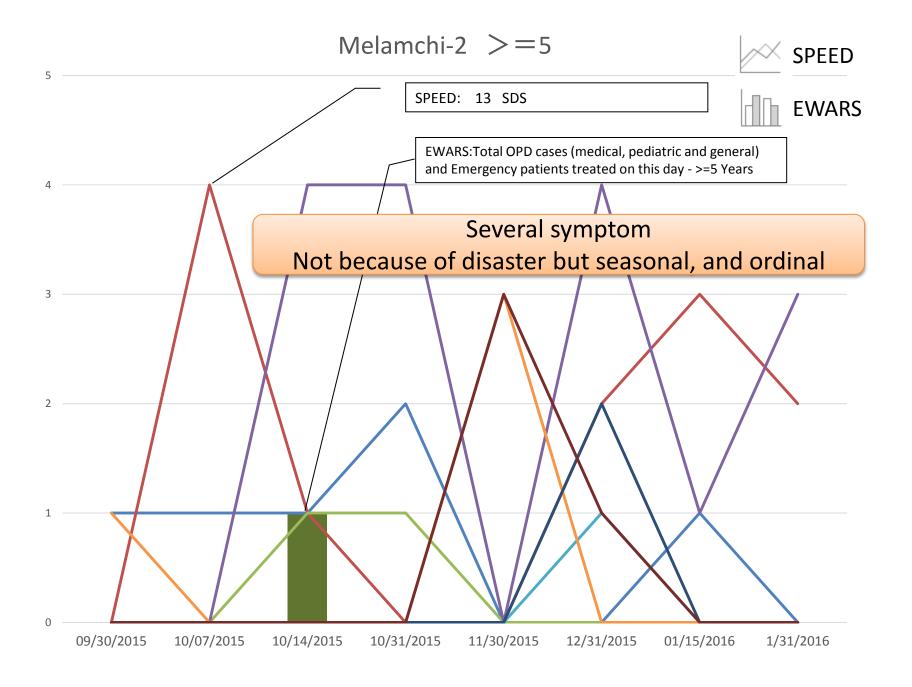






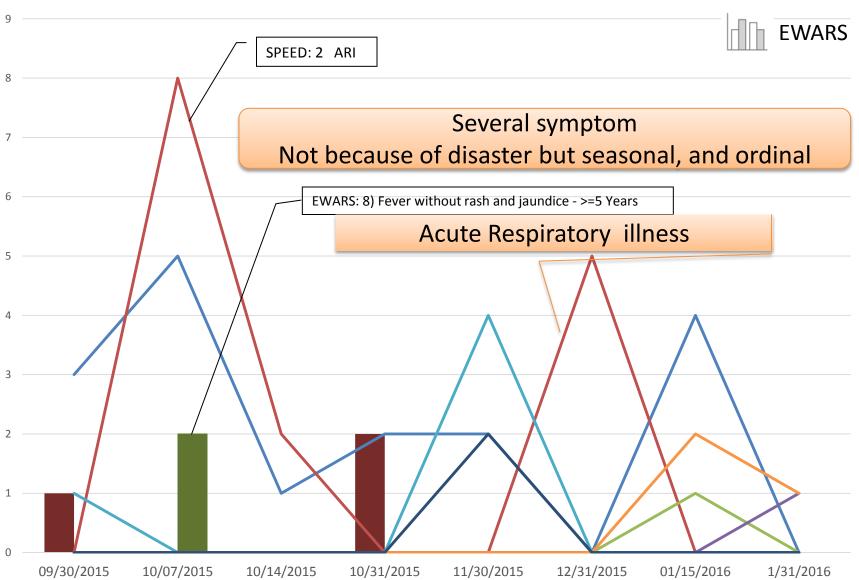








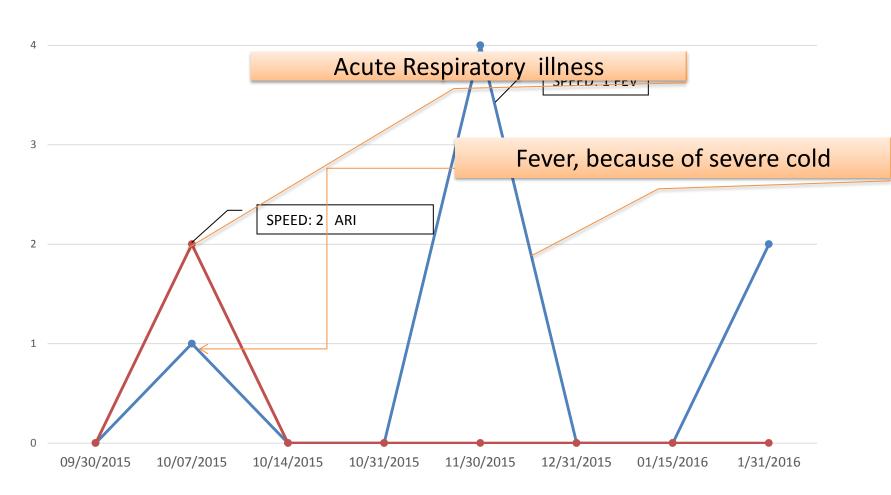




5



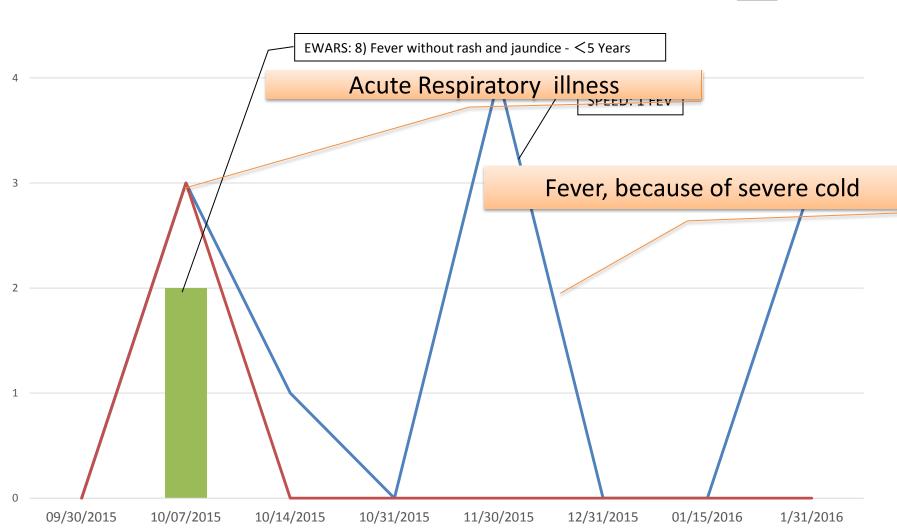
EWARS







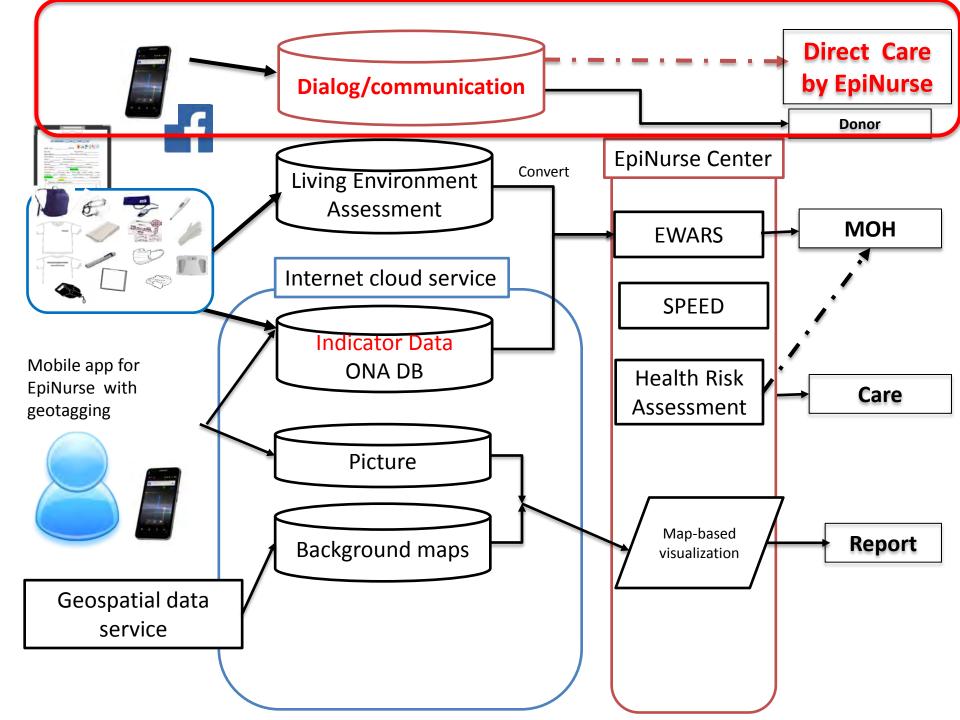






EpiNurse works as cure giver





Connect to Japan Red Cross





Case Study
Damgade, Dhading



EpiNurse Center NAN by J-rapid さんはSharada Barakoti

さんと一緒です

作成者: Sushila Paudel [?] · 2015年10月18日 · 🚱

Health teaching by Sharada Barakoti in Lapabasti, Dhading Participants: Secretary of Lapa basti Management Committee, Teachers, School children and house wives.

Included topic - Holistic Hygiene, ANC care, water purification and prevention of communicable disease.



Epinurse Sharada Barakoti from shelter Lapa Basti, Dhading, performing very well on the survey. She is planning a health teaching to a leading group of her shelter and mobilizing them as needed. She is also planning a campaign for vaccination, nutritional assessment and a general health camp.



2016 January, Dhading



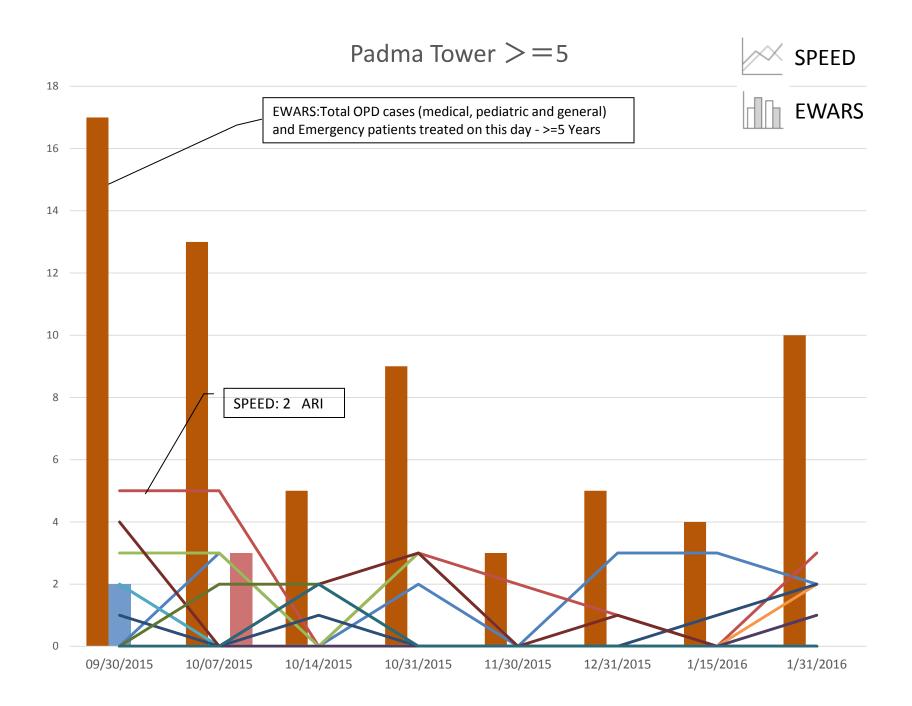


Case Study Padma Tower, Kathmandu



Direct care by EpiNurse

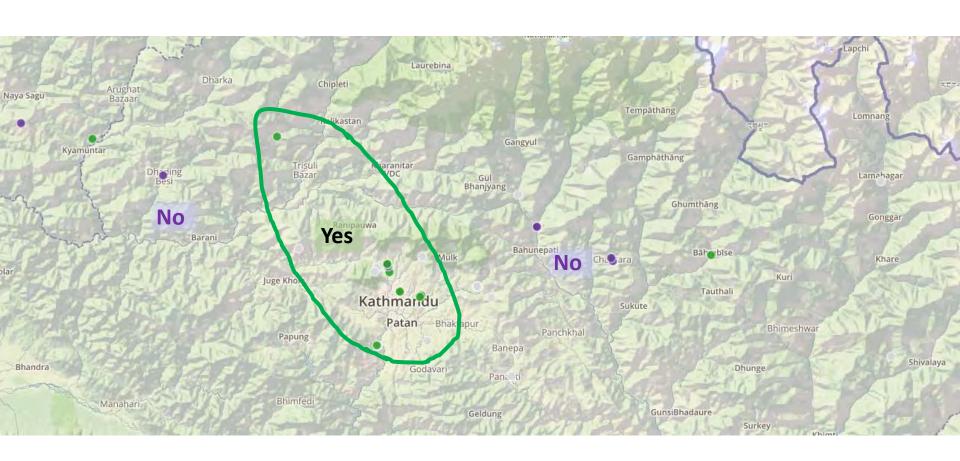






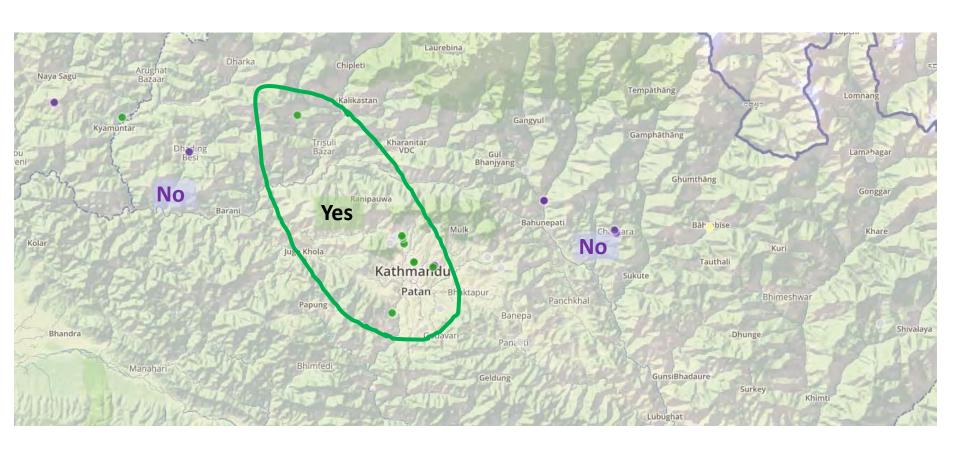
1. Adequate Water Supply

Yes



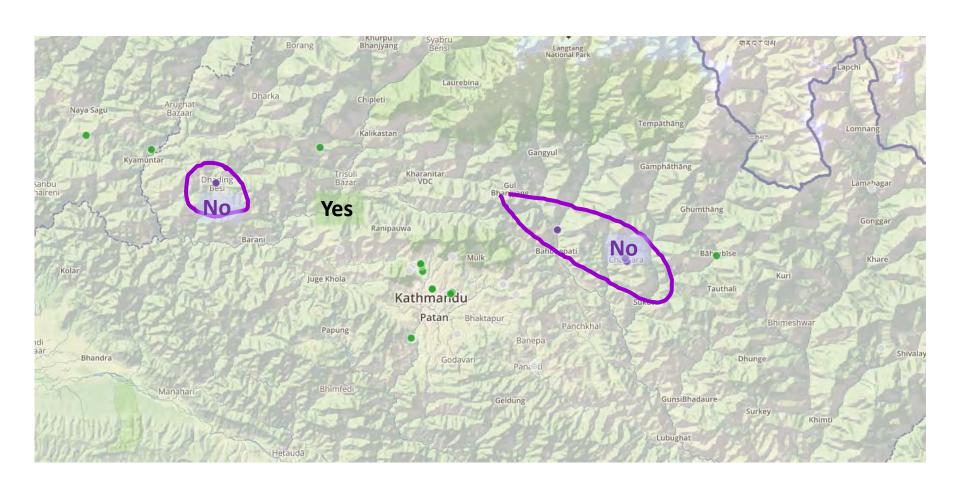
2. Safe and clean food items provision

Yes



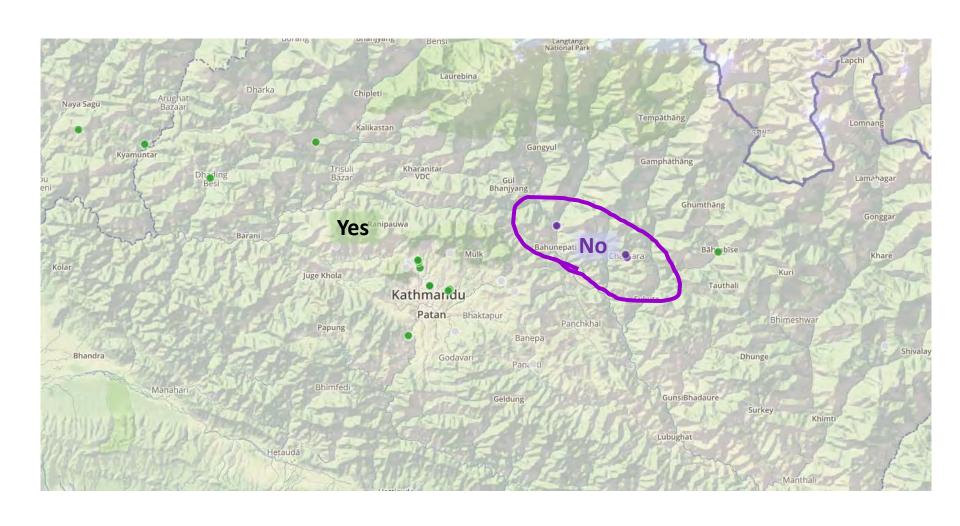
3. Clothing

Yes



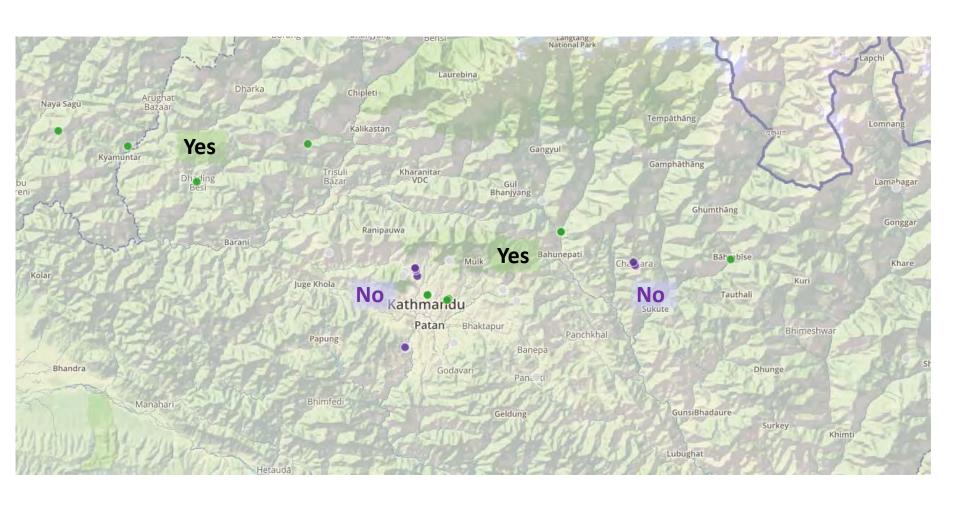
4. Blanket or other items

Yes



5. Soap Available

Yes



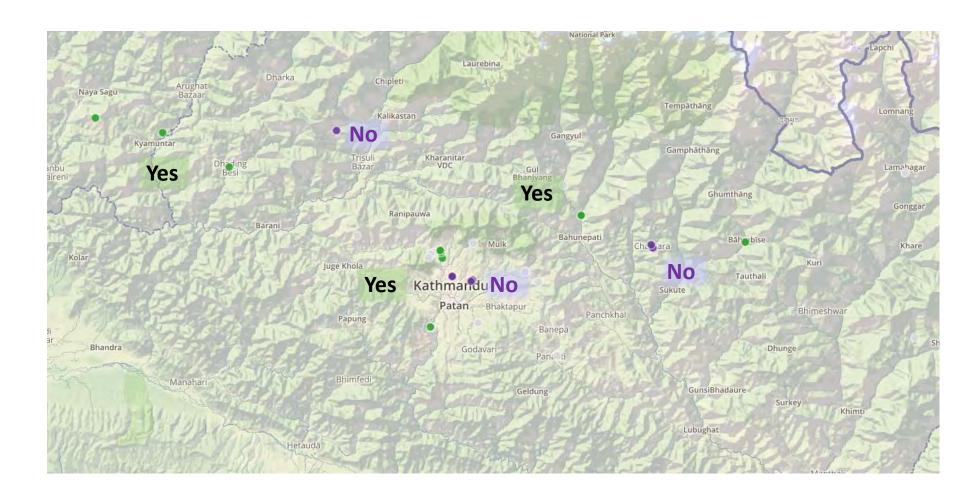
6. Hand-washing facilities

Yes



7. Non-food item

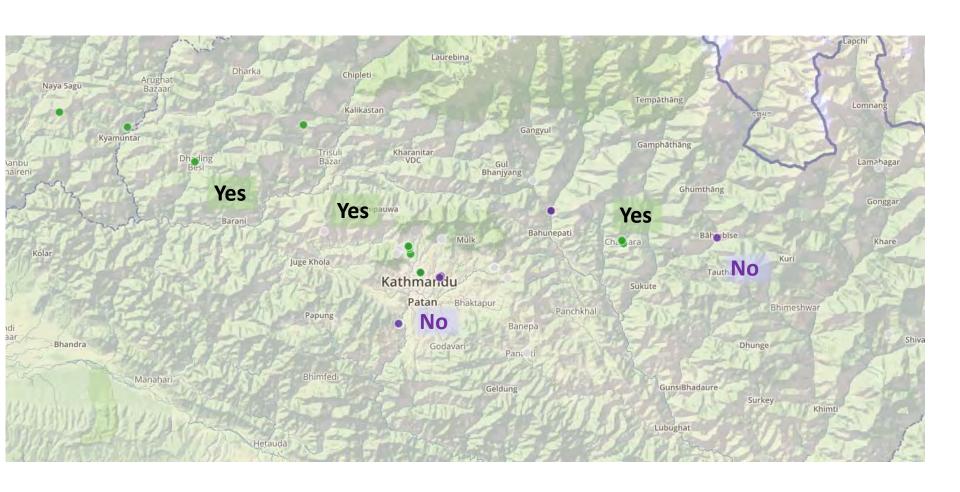
Yes



8. Adequate number of toilets

No

Yes



9. Kitchen

Yes



10. Appropriate waste storage

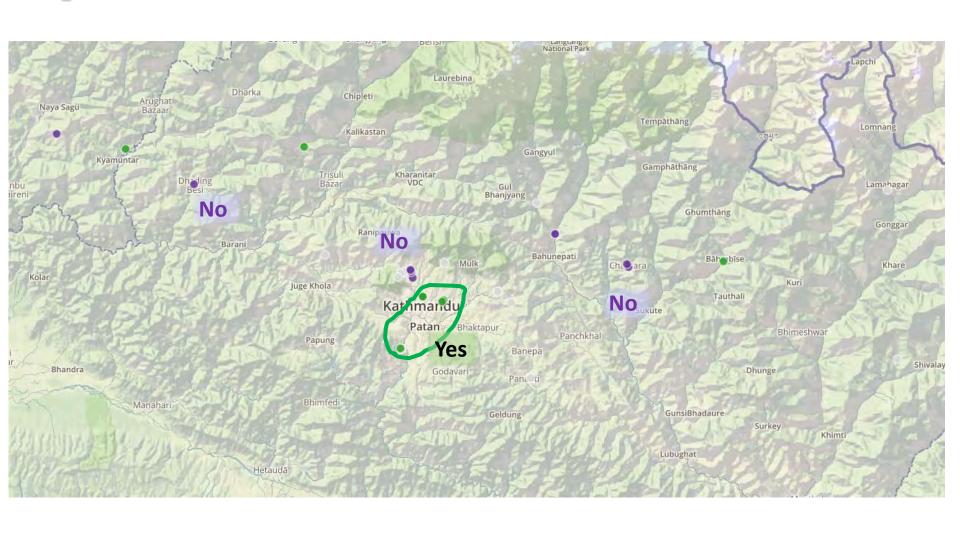
No

Yes



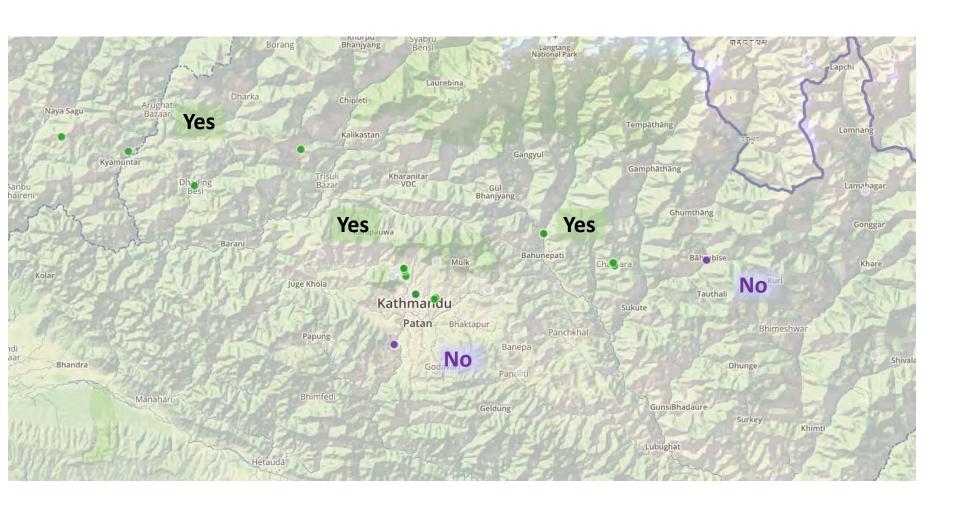
11. Acceptable cleanliness

Yes



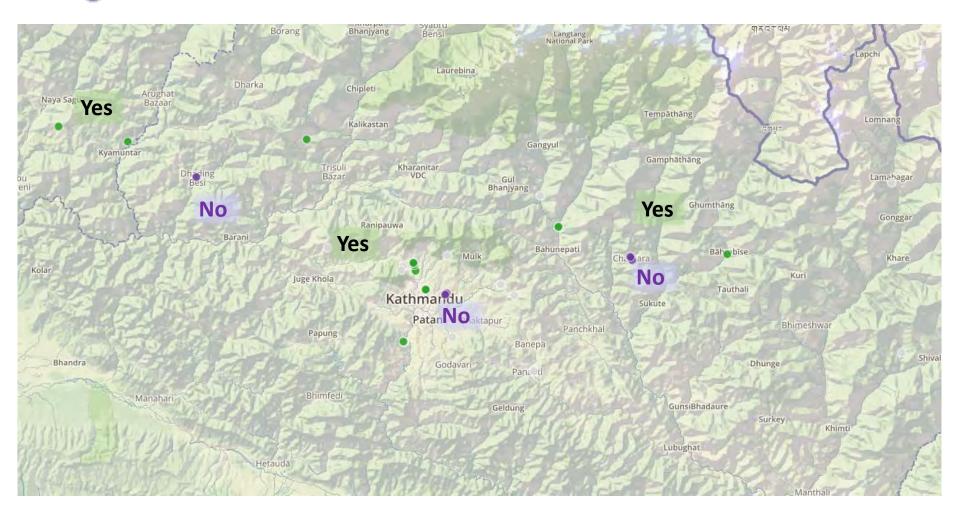
12. Acceptable spacing

Yes



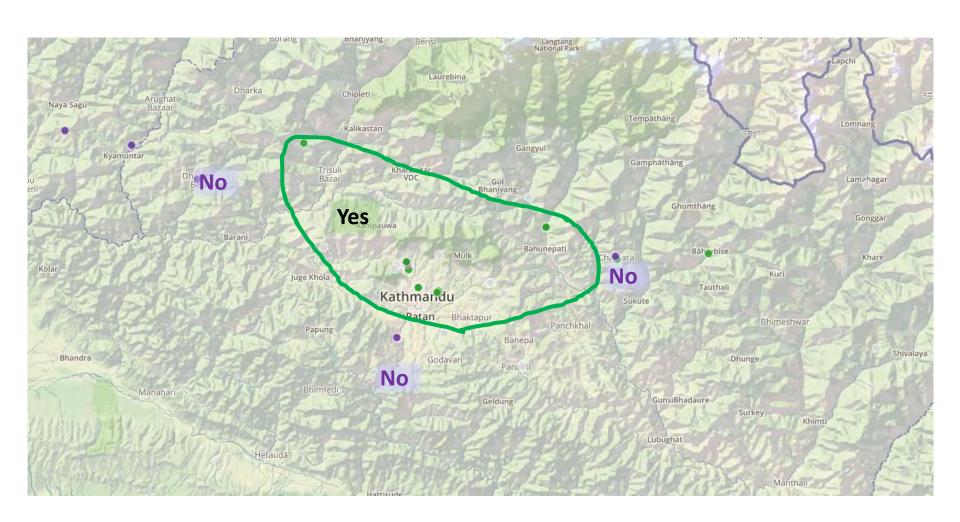
13. Source of light (electricity)

Yes



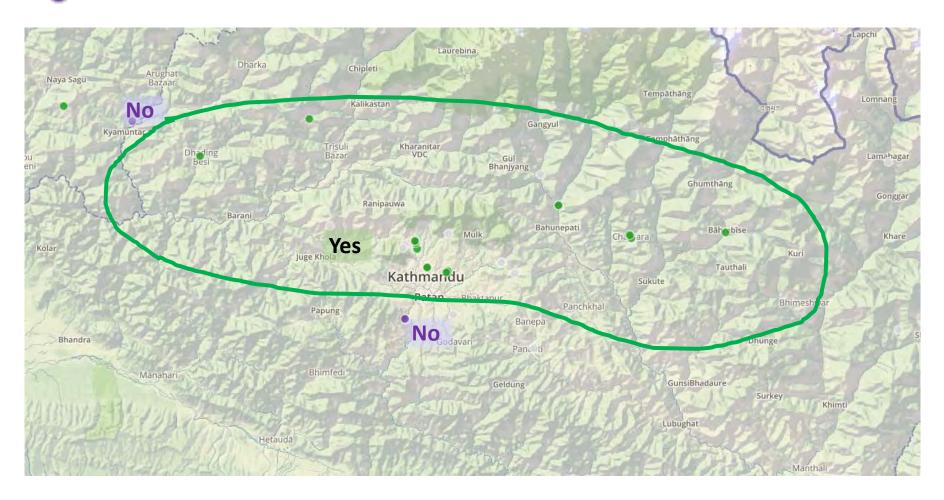
14. Health care services on site

Yes



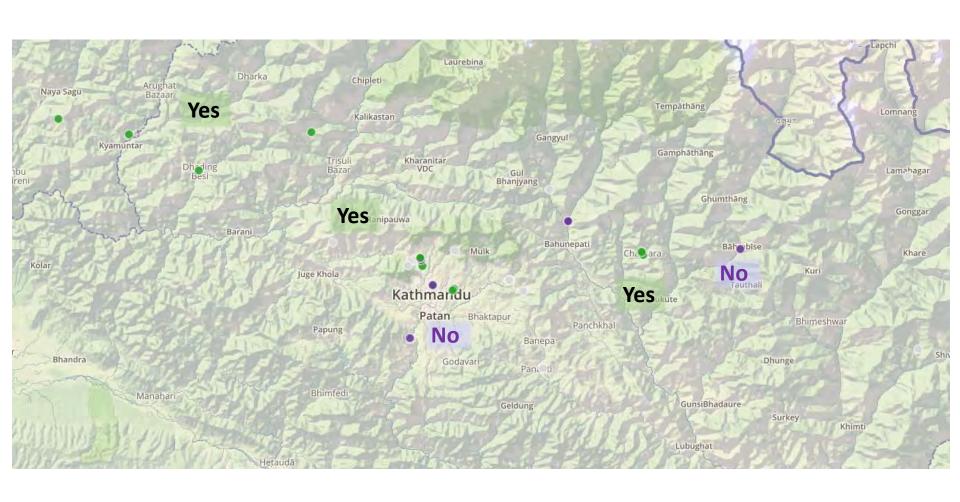
15. Nursing care

Yes



16. Psychological support/counseling

Yes



Group Discusion "EpiNurses 1 year" lesson learned by JST



Barrier of Health Management after Disaster

from Focus group discussion on April 2016

Problem	Proposed solution
Lack of Communication and Media	Promotion of media through Radio, television Mobile, Magazine
Geographical Condition	Mobilize locally available resources - Facility: Stretcher, Ambulance -Human Resource -Road
Not proper System Meeting	Stake holder meeting
Lack of Disaster Training	Disaster Management Training
Lack of Monitoring and Evaluation	Recording, Reporting Regular Supervision Appreciation and rewards
Not Proper working Environment	for health insurance and basic needs
Not Proper supply and logistics	Adequate supply of goods and stocks
Post disaster monitoring	Case finding by Social Capital



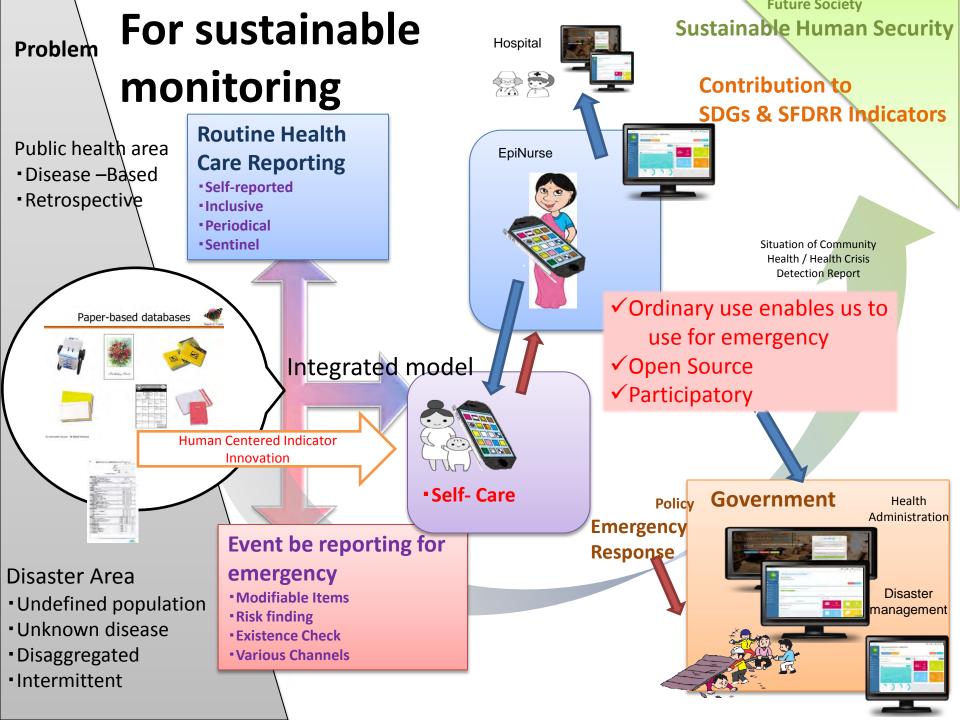
Issue faced on Community Monitoring

(Difficulties of people centered & bottom up approach)

- Geographic information of tentative migration point
- Unavailability of IT infrastructure
- Unaccessibility to data
- Visualize uncountable data
- Validity and reliability
- Reasonable crosscut point to report up
- Population coverage to ensure that no one is left behind

Suggestions

- Reliable communication and information technology.
- Need effective and systematic planning to provide relief according to the geographical region.
- System must be created to find out, address and provide the solution of the problem not only relief to disaster damage.
- Drill and stimulation of disaster must be done in certain span of time to all the staffs to make them awake, ready to face the problem and react quickly as possible to provide materials or utilities which will impact the health and concept of victims.
- Effective and efficient management must be developed to manage human resources and distribute basic materials, utilities and medicines to the affected area.
- Community's health must be prioritized and address as basic need.
- Related organizations and local government have to plan and prepare all the human resources to be responsible



Feedback to policy maker and discuss future capacity building

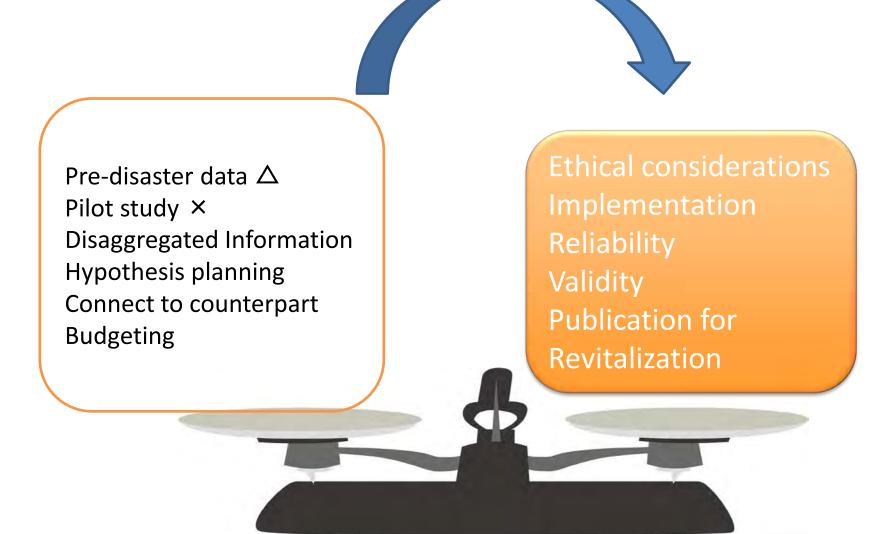


Discussion

 Interoperability with other data services for further cooperation with other sectors, such as infrastructure, energy, transport, and water.

 Close partnerships with local volunteers of geospatial data development, such as Open Street Maps

Challenge during Disaster Research



Thank you

Learn preparedness in Japan









