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Occp : Respondents / Most of them are kaders (R/ Res/R1) = **Surya (source of information – not mentioned in paper)**

Linda / (Nda) ; Yetti (Jtt), Norlina (Nor)

Nda: Is the concern different for the adults versus the children? Maybe for the adults, they tend to have a particular concern

R: In my family, my children just got fever, as for my husband, he has hyperuricemia

Jtt: For a teenage, what are the concerns?

R: For my husband, the hyperuricemia is a concern

R: Hyperuricemia..it is like gout

Nda: How about other respondents?

R: As for me, my kid have dust allergic so when he was a baby, the doctor already said that he should not be exposed to dust or smoke, and my husband knows about it too so when he smokes a cigarette, he will go away from the baby

Nda: Do you think malaria is still a big problem in your family? How big a concern is malaria for you and your family?

R: It is a big problem for me. If one person in my family get malaria, then you can be sure all the rest will get malaria too

R: When my child was born in Bali, i heard that a baby should get the mother’s milk for up to 6 months or so..but my baby just get my milk for only 2 weeks because my breasts are hurt, so she just have a infant formula milk..so my concern is my baby’s immunity

R: So, when one of a family member get malaria, if you do not bring him immediately to the doctor, then automatically all members of family will get malaria because of the mosquitoes. You see when that mosquito bites a person with malaria then it can bite other who is healthy then the person can get malaria also

Nda: I see... you all still consider malaria is a big concern in your families. So how do people get malaria?

R: Well malaria is exist because it depends on ourselves. When you say it is because of mosquitoes, well mosquitoes are everywhere

Jtt: Not because you stay closer each other

R: No, it is because of the mosquitoes

Nda: So how do you get malaria? Is it the bites...

R: The whole family can get malaria because of that mosquito. If one family member get malaria and the mosquito bites him and bites anyone else then all will get malaria if you don’t quickly overcome

Nda: Other than mosquitoes, what can cause malaria?

R: If your environment does not clean, all the room

Nda: How about you Ma’am? What do you think can cause malaria?

R: In my family, we never have malaria so i do not know which one is malaria

Nda: So your family never get malaria

R: Never, only asthma. As for me, i never have asthma in my life. When i already married and have my second children, that is when i start to get asthma. For my children, i thank God they never get malaria, they just have fever and when they get the fever, i give them generic medicine, paracetamol so they will be healthy again. That is why i never know malaria

Nda: You do not want to get one (*laughing*). Yes Ma’am, why people can get malaria?

R: Maybe because there are some puddles. When there is a puddle then mosquitoes always there. Maybe that is why i get malaria

Jtt: you said before that when your kid got fever, you just buy medicine. Why don’t you take him to the clinic?

R: My first kid was 5 years old at the time when he got the fever. I then took him to the Lindimara hospital.because i do not have money at the time, i sold my sarongs in cheap price for the medication. Then when i have the money, i took him to have a medical check-up but the malaria was negative

R: Sometimes when the kids have fever, their temperature is not stable. When we want to check the malaria, do not drink malaria medicine first because if you have your blood tested, it can be a negative result. But sometimes we are really panic when they have a high fever then cold and it repeats like that. Well..that is the symptom of malaria

Nda: In 5 years, do you feel that malaria is increasing or decreasing in your village?

R: decreasing

Nda: decreasing

R: As for me i am a bit confuse with the disease in my village. They say it is filariasis. So the legs are so big. The health officer ask us to have a test for the disease but we do not know what is the result and i am still wondering until now. As for malaria, we do not have malaria in my village so i am not afraid

Nda: Is there any case of malaria in 5 years?

R: no

Nda: Maybe there are some cases but not many..sowhat factors do you feel like have led to this change?

R: Every house should use a mosquite net to prevent themselves from mosquito bites

Nda: Other than mosquito bednet?

R: As for me i am afraid to use the mosquito bednet that i get from puskesmas, because i see in a tv commercial that the smell is bad and some says that the mosquito bednet is not only for protection but also kill the mosquitoes so i am worries about the safety of that bednet. I just put the bednet in a drawer. And also when you use the mosquito bednet from puskesmas, you cannot wash it hard because there are some chemicals on it. That is why i choose to buy a regular mosquito bednet in the market than use that one. I am afraid to use it

Jtt: So you use...

R: A regular mosquito bednet

Nda: So what factors do you think have led a decreasing malaria?

R: Well... i think it because a change of season. Now it is still a dry season but i am sure soon will be a rainy season, and malaria will be there..puddles, mosquitoes

Nda : malaria is increasing in rainy season,so in rainy season year by year, is malaria increasing or decreasing?

R : According to my opinion there are not many malaria cases here in Kuta

Nda : why

R : because the surrounding is clean, the environment is clean. Every week there is a communal work to clean the environment

Nda : every week?

R: We have Friday Clean program..Friday and Saturday

Nda: How about in your place?

R: As in my village i never heard anymore about malaria. I just know ISPA (URI; Under Respiratory Infection), asthma, TBC. That’s it. Maybe because they use the mosquito bednet. It is not recommended to wash for 6 months. I used those bednets also in my house

Nda: Ok...who are in your community has taken a visible role in decreasing malaria?

R: As in my place, there are many livestocks that move freely and the waste could be everywhere..

Nda : i mean someone or local government or health department or public figure that help to decrease malaria

Jtt: So you just speak about biogas...can you tell us more?

R: Well...it is become trend nowadays to use biogas. With the animal waste we can put them in a permanent tank so it also can decrease the mosquitoes and flies because all the waste is in a closed tank

Jtt: Is that an individual program or NGO?

R: It is an individual program. We get the knowledge from Max FM in Kalu and we can use any animal wastes to be put inside the tank. So some of the households in my village already made the tank

Nda: So back to my question, who are has taken a role to decrease malaria?

R: The head of the village

Nda: What he has done?

R: He is the one that create Friday Clean for all the community so all the trash should be burned to make the environment clean

Nda: Other respondents?

R: Just the same

Nda: So basically the same...the head of the village

Nda : are there environmental conditions in your village that would place you at higher risk for malaria? For example excess rainfall, proximity to rivers, excess vegetation near house...

R : seems like my condition..

Nda: or poor quality housing?

R: Our neighborhood is full of vegetation. Beside that we also live near the seashore and also a poor quality house so it makes the mosquitoes can enter into the rooms. At 7 to 8 pm it just feel that we are trapped in mosquito world

Nda : how about the other ladies? Any story?

R: i live near the local church and every Sunday the church is cleaned and we do not have many vegetation near the house

Nda: I see

Nda: Can you describe ways you think decrease risk of malaria in your household? Maybe u use autan or using papaya leaves under the bed, or spraying insecticide inside the home..

R: In my family we use mosquito racket and mosquito bednet

Nda: Bednet and elctric racket..

R: And for the puddles...

R: I use mosquito racket and bednet also

Nda: And you?

R: I use mosquito bednet

Nda: So just bednet...there is no...

R: It is a routine activity to eat papaya leaves

Nda: A routine activity

R: As for me only mosqito bednet

R: I use mosquito bednet

Nda: So you already mentioned some prevention methods, do you choose to use them yourself or do you have to ask somebody else before you use them? Whether your husband or mother in law..

R: I decide myself

Nda: So most of you say you choose the method yourself. Earlier you mentioned that ther are families that rare or even never have malaria. Why there are certain families in the community who seem to rarely or never have malaria?

R: Maybe because they stay clean. I mean every household know what you call a clean environment and that is include yourself. Take a bath twice a day, we do not eat dirty food.

Nda: How about you? Are there any of your family that rarely have malaria?

R: My family never have malaria

Nda: Why?

R: I do not know...malaria never come to my family

Nda: So malaria never come and you do not know the reason why

R: My kids just have influenza and cough

Nda: How about you?

R: No malaria. Just cold and cough

Nda: Why you never have malaria

R: It is start with self

Nda: Keep the environment clean

R: Clean the environment

Nda: Do you use bednet every night?

R: Yes

Nda: All of the people in your family use bednet?

R: Yes all of us use the bednet

Nda: So none of them does not sleep with bednet

Nda: How effective the bednets at preventing malaria?

R: Well..i do not think it is effective to use the bednet. We sleep on the bed and even we use the bednet, there is always a way for mosquitoes to get in. Sometimes the bed has different size with the mattress so the mosquito can easily come inside the bednet

Nda: So it is not too effective

R: Yeah, it is not effective

Jtt: I see

R: Yeah...they can enter inside

R: As for me, there is a team from the province who distribute the mosquito bednets, they come to each house to teach us how to use it. This is a square-modeled bednet with no entry part, so it is different with regular bednet in the market. So you have to pull the edges under the bed so it is safe

R: My bednet also does not have an entry part so when you come inside you have to pull out the edges of the bednet

Jtt: Which one more effective?

R: There should be an entry part because it is more effective to get inside. That is why i choose the regular bednet over the mosquito bednet that has been distributed by Health Department

Nda: Ok...move to other question...tell us your experience about the last time , the government did the fogging?

R: In 2009 when i stayed in Bali. But here in Sumba i never experience such thing

Nda: So you do not have experience with fogging in Sumba

R: never

Nda: How about the other respondent?

R: Once, but it was a long time ago

Nda: Can you remember when was it

R: About 2 years ago

R: never

R: In 2014

R: A year ago

R: Probably 2013

R: But 2013 i already stayed in Sumba. I never experience that. It never happened in my village

R: Well i experience that, the fogging was held in Kanatang

R: They did not come to my village then

R: There is no mosquito at home after the fogging

Nda: Do you know when they come for fogging?

R: No, not at all. We just heard the noise from different sb-village that is why we were preparing for it

Nda: Usually who do the fogging? Is it men or women?

R: men

Nda: What do you think about that fogging? Do you even like it?

R: I think it is a good method to prevent the malaria

R: I do not like it, too much fog

Nda: So you do not like it

R: I do not like the fog only but i like that after they do fogging all the flies, mosquitoes are go away but the smell of the fog, that is killing me

R: Well...i do not know. I never experience fogging

Nda: So you never have fogging before in your house...how about you?

R: As for me i take what they offer as long as it is good for me and my family

R: I like fogging because all the flies are dissapeared. As for the fog, i can avoid for a while

R: In bali they do the fogging each week and i got cough because of that fog, so i do not like fogging at all

Nda: Is there any other problem with fogging?

R; I do not have problem with fogging because we have been told not to come into the house when there is still fog inside so i just enter the house if all the fog has dissapeared

Nda: So do you ever say no to fogging?

R: No, never, actually we kind of miss that program

R: I heard that the government want to do fogging this year

R; As my experience in Bali. No one can ever reject the fogging so when they do fogging all the fog are all over the region. Well...what can i say, i just try to enjoy that although it make me cough

R: I miss they do the fogging here again because we live near by the sea, the fogging not only for mosquitoes but also for flies

Nda: Who decides whether to allow the foggers into the house?

R: All my family let him in

Nda: Would it be different if women were involved in the fogging?

R: I never seen a woman fogger before

Nda: I mean if there is a woman fogger, would it be make a difference in fogging?

Nor: Which is better? Which one you prefer?

R: I think women fogger is better than man fogger. She knows more where to fog, under the bed, under the table. Woman is more careful than man

Nda: So she is more careful than man...any other opinion?

R: I think it just stay the same..they know exactly the technical operation..how to spray, they already learn all about it

Nda: So what do you say...why aren’t women involved in the fogging?

R: Well...i do not know, they already decide those foggers

R: Maybe because it is a heavy equipment, because it looks like wood cutting machine, so you have to carry it around and i think it is quite heave for woman

Nda: Any opinion ladies?

R: If there is a lighter equipment and they let woman to do that, i think there would be a woman fogger someday, but the Health Department only allow men to do that fogging

Nda: Next question...what activities would you do in your community to help reduce mosquitoes? For example, some of you who have kiosk can sell mosquito control products...what do you think? Would you consider selling it at your shop if you have a shop?

R: Yes i would

Jtt: Do you sell mosquito repellent?

R: Yes i do

Jtt: What kind of mosquito control product? HIT mosquito spray?

R: Mosquito coils, electric HIT products

Nda: Beside selling mosquito control products, would you educate the community to reduce the mosquitoes?

R: Yes i would love to do it

Nda: And that means you would love to be a woman fogger as well

R: Yeah why not

Nda: Why would you do that

R: Because i can help myself and others. I can help the community

Nda: How about the other respondents?

R: She is right, we can help ourselves as well as help the community, the neighborhood

Nda : what factors would keep you from being involved in these activities?

R : laziness

Nda: lazy

R: Yeah laziness, ignorant

Nda:Are there any risks associated with malaria prevention techniques?

R: Well...when i do the cleaning, sometimes the dust can make me asthma

Nda : From all the malaria prevention techniques you mentioned before, are there any risks for you?

R: When i was cleaning my new home, before i permanently stay i decide to clean it up. So i work hard to clean but my neighbor does not like it because he thinks i cause the pollutions with the smoke and the dust..well..what can i say this is what happen when you want the environment clean and the other think that it is only cause pollutions

Nda: so sometimes you face the challenge of keeping the environment clean

R: He even get mad at me when i try to clean all the trash at the back of his house...come on, he is a health offices how come he does not know the importance of a cleaning environment

Nda: Any other comments? About the risks

R: In my neighborhood, the soil is mixed of soil and sand so it is so dusty. When you want to clean and broom, it should be in early morning and you should watering it before you clean it otherwise ypu will be covered in dust. And it causes cough also

Nda: Do others face the same problem?

R: Yes Ma’am. We should watering the land before we clean it or broom it

Nda: Ok...you said before you sleep under the mosquito bednet. Who decides who sleeps under the bednet?

R: The parents, both. My husband has to take care the children too, including make them sleep under the bednet. All of us

Nda: How about the other respondents? Don’t you decide who sleep under the bednet?

R: Not only me but my husband too

Nda: So both then, husband and wife. If there were a new malaria prevention product, how would you decide if yu would use it? Do you consider the price or ask the neighbors or what?

R: Well ...as for me i should see the price. If it is expensive, i will think about it first..

R: As for me i ask the neighbors who already use it before. If i ask the seller, she might just say that is a best product, that is what sellers do. It is better if i ask my neighbors who already tried it

R: For example the HIT product Ma’am. Frankly i never use that product, i just saw it on TV commercial. So i wonder the quality of the product. I search some informations about it

Jtt: The coil or the electric one?

R: The mosquito coils

Nda: Electric HIT

Jtt: The one that use electricity

R: If you use the electric repellent, you have to keep that away from children. So once i plug in to the socket then the smell will spread out the entire room. You just have to be careful for the children

Nda: Mrs Rambu can you show them?

Jtt: Yeah ok...here is an example of a new repellent product. But this product is currently for test purposes only and is not for sale. So this is a thin plastic layer, when you want to use it you can open it here, there is a word written here OPEN and it can be hang on the wall using stapler or nail or double-sided tape and please hang it higher so the children cannot reach easily. You see the white dot here, that would be the chemicals. This product can be used to keep mosquitoes out of 3x3 meter square and it can last for about 2-4 weeks. As for the price it would cost you around Rp.2,000 each. What do you think of the price?

R : it is a good price

Nda: Good?

R: Yeah, the price is good

Nda : How well do you think this product will protect you from mosquito bites?

Jtt: For example if when the chemical is run out, what would you do with this repellent? You already use it for a month, then what would you do with this plastic?

R: I burn it

R: Yeah...burn it

Nda: So what do you think about the product? How well do you think this product will protect you from mosquito bites?

Jtt: When you use this repellent, you still use the mosquito bednet. So when u are not under the bednet, you are still get protected from the mosquitoes

Nda: I know you haven’t try it yet..but you can imagine it

R: Imagine that i decide to try it

Jtt: Your reaction after see the repellent. Do you think you want to use it, or you just do not trust the product

R: I would love to try the product

R: Even when we use the mosquito nets, the mosquitoes are still flying around, even when we use the electric racket. Like you say it is for prevention. I would rather choose this product than the electric racket

R: When we sleep under the bednet, we cannot easily moving around

R: And we cannot always carry the electric racket everywhere in the house

Jtt: What do you think of the price? You say it is a good price, it it cheap or what? What is actually too cheap or too expensive for a mosquito repellent?

R: When you buy mosquito coils, it costs you around Rp.4,000 – Rp.5,000 per pack. Each pack contains 6 coils. If you have many rooms, the coils can be finish in 1 day only. When we use this new product for Rp 2,000 each and it can last to 1 month, it is such a good price, it is cheap for us

Jtt: So in what price that you think expensive or overprice?i mean how much for this repellent that consider expensive for you?

Nda: In what price?

R: When it costs Rp 5,000 each

R: So when we use it, we only need 1 sheet for a house

Nda: No, per room. Because it is effectively work ini 3x3 meter square room

R: So 1 room each sheet

Nda: If your room is large, you may need 2 sheets

R: I have 3,4...3 rooms..err...5 rooms

R: So it costs Rp.10,000...well it’s ok

Nda: Ok last question...what is the best way to provide you with information about bednet distributions, fogging, etc? Is it from kader or church or schools or markets or facebook?

R: All of it, including the socilization

Nda: All of them

R: yes

Nda: But which one the best way? Which one you choose as the best way to provide information?

R: Socialization by local government

Nda: So local government then

R: puskesmas

Nda: puskesmas

R: posyandu

Nda: Just in case they want to distribute the mosquito bednets or fogging, so what is the best way to tell you about it?

R: By churches or mosques

R: Local government. You just announce to us

Nda: Is there any? How about sms?

R: Yes by sms too

Nda: Is it ok if by sms?

R: It is ok

R: When we want to distribute the mosquito bednets from puskesmas, we announce it through sunday service in church. We also announce it in mosque

R: You can make an announcement in puskesmas or village office

R: churches

Nda: Do you have any questions for us?

R: Yeah how if you introduce yourself? We just know a little and we want to know more

(Some introduction)