Carl Gerard Villar Cuyos Master of Public Health

Public Health Administration 2 (Practical) July 23, 2016

1. Decision Matrix

Public Health Problems: Neglected Tropical Diseases

1. Malaria
2. Schistosomiasis
3. Filariasis
4. Soil Transmitted-Helminthiasis
5. Dengue

DISEASES

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria |  |  |  |  |  |
|  | Malaria | Schistosomiasis | Filariasis | Soil Transmitted- Helminthiasis | Dengue |
| A | 2 | 2 | 1 | 4 | 5 |
| B | 3 | 2 | 1 | 3 | 5 |
| C | 2 | 2 | 2 | 3 | 4 |
| Total Score | **7** | **6** | **4** | **10** | **14** |
| Ranking | **3** | **4** | **5** | **2** | **1** |

-Ranking and Scoring Strategies

For Scoring: For Ranking:

1. Is the lowest 1- Is the highest

5- Is the highest 5- Is the highest

Table Interpretation:

The table above shows five common Neglected Tropical Diseases in the Philippines. It reveals that **dengue** has the most astounding cases thought about among Neglected Tropical Diseases.

1. **Problem Tree Analysis for Dengue**

DEATH

Multiple Organ Failure

Low Platelet Count, Severe Internal Bleeding

Severe Joint, Muscle Pain and Vomiting

High Fever, Headaches and Rashes

Heavy Rainfall that will lead to more Breeding Sites of mosquitoes (stagnant water) such as flower vases, containers and tires

Poor .Environmental Management and Sanitation

Climate Change

Unable to utilize mosquito repellent indoors and outdoors

Poor Health Education

1. **Fishbone Root Cause Analysis for Dengue**

**ENVIRONMENT**

**MAN**

-Poor Health Education

- Not cooperative with the LGU Officials in performing - Poor Environmental Management and Sanitation

Clean-up drive - Unable to cleaned and emptied the stagnant water in containers,

- Failure to perform community participation and flowering pots and tires

Increasing Rate of Dengue Cases

Mobilization for sustained vector control - Climate Change (Rapid changes of Climate and

Heavy Rainfall that could possibly increase the breeding

Sites/ Places of a mosquito

-Unable to utilize insect repellant indoor and outdoor - Don’t have ample trainings and seminars on

-Not using mosquito nets, larvicidal, insecticides and clinical management, diagnosis and vector control

Pesticides - Free Dengue Vaccine has not yet given to all

-Not wearing Long Sleeves and Pants - Majority of the people are not aware that dengue vaccines are

Already available

- Lack of Community Based health Education on how to control the

Population of mosquitoes that carry the dengue virus and on how to

Get rid of this disease

**MATERIALS**

**METHODS/POLICIES**