



Investigation of Tooth Cavities in Shinyanga

27. Uhuru

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Introduction:

The project is based on Dental research in Shinyanga Municipality. The project focuses to the residents of Shinyanga Municipality. The aim of the project is to identify the diseases facing the residents of Shinyanga Municipal. The causes and effects of dental diseases were identified from the sample been taken from the sample of the residents of Shinyanga Municipal. The solution of those dental diseases raised, And the solution was discovery of a medicine which was nicknamed MWAROBAINI MIXTURE. The Mwarobaini plant(Neem plant) is scientifically known as *Azadirachta indica* After proceeding with the research, it was revealed that the Mwarobaini mixture treats only two dental diseases which are Gingivitis and periodontal dental disease.

Method:

The project has been undertaken aiming at helping people in Shinyanga Municipality. Especially the residents who are being affected by dental diseases. The residents who are being affected by dental diseases receive severe pains which make them to fail to perform various duties. In this project, we hope to get a possible solution for some of the dental diseases which are Gingivitis and periodontal dental diseases. From this experiment carried out is associated with the discovery of a medicine known as MWAROBAINI MIXTURE.

Later on these were some questions made to various people who were involved in this project. Some of the questions were;

- i.What causes dental diseases?
- ii.The effects of dental diseases
- iii.Precautions which must be taken to avoid dental problems.
- iv.What solutions should be taken or act upon dental problems.

The questions for sure played a role in our experiment , And different people answered correspondent. For instance Mr. Nigula Kiloma said that most of the residents are being faced by dental diseases because of failure to brush their teeth.

Also Michael Chilemba commented that, it's poverty which lead to dental problems.

Results:

Misuse of teeth.

Naturally or normally teeth are used for chewing food but as being revealed most the people use teeth for opening fizzy drinks from various companies like Coca cola, Fanta and even Pepsi which may also lead to problems like periodontal tooth disease (mobility of tooth)

Most of people in Shinyanga have failed to prevent themselves from tooth problems is where now we students from Uhuru Secondary school, discovered a herbal medicine locally nicknamed **MWAROBAINI MIXTURE**

MWAROBAINI MIXTURE

This is the medicine which is been made for some of the tooth problems.

Mwarobaini mixture comprises the following;

Mwarobaini green leaves (*Azadirachta indica* green leaves)

Local baking powder (MAGADI)

Table salt (NaCl)

HOW DO MWAROBAINI MIXTURE WORKS

Mwarobaini mixture works differently dependently on the degree of diseases which are periodontal and Gingivitis diseases.

Let's starts with Gingivitis, as been described earlier Gingivitis involves swelling of the gum and sometimes even bleeding of the gum.

One among the species of Microflories have just reached to the gum, an area known as gingivitis area.

Conclusions:

IMPORTANCE OF MWAROBAINI MIXTURE

i)It is cheap

The medicine been discovered is very cheap, that it is affordable to the residents of this Municipal. For example the ones who are from rural areas will have an easy access to the medicine

ii)Naturally pure

Since its composition is based on items which are obtained directly from the environment.

Fluoride?

References:

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2 . Mwaniki . J. M& GEOFREY .G. G (2003), *Fundamental Biology for secondary school form two*, (1st ed), Delah educational publishers

3. Davis.F.A,(2007) , *Essentials of Anatomy and Physiology (5th ed)*, Davis .F.A company U.S.A

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