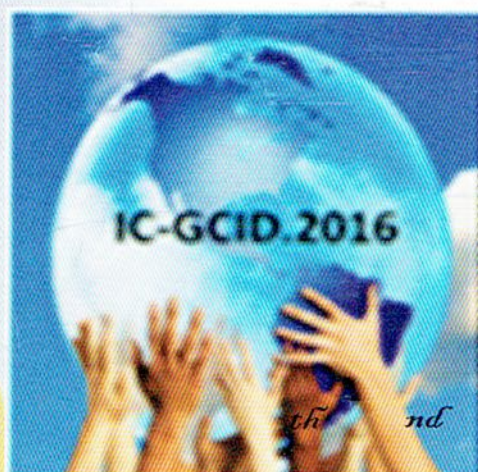


# Proceeding

## The 1<sup>st</sup> International Conference

### Interprofessional Collaboration on Global Challenge of Current and Future Infectious Diseases

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Mastication Role in Lowering The Number of Bacteria Streptococcus Sanguis Only Due to The Increased Levels of HBD-2 and TGF $\beta$ (Hans Lesmana)	59
Relationship Diet Pattern With Gout Incidence At Tolo Health Centre Of Kelara District Of Jeneponto Region (Harliani)	60
Differences Blood Pressure, Heart Rate, Left Ventricular Hypertrophy More Age and Quality of Life in The Highlands Tinggimoncong District in Plain and Lower North District Galesong (Haryani)	61
Factors Affecting The Free Sex Behavior in Adolescent Students of Senior High School State in Bulukumba District South Sulawesi, Indonesia (Hasnah M. Noor)	62
The Characteristic Factors that Causes of Fatigue in Muscle of The Fingers and Forearm Operator Computer (Hendrik)	63
Making of Biogas from Waste Banana Peel (Musa spp) with The Addition of Urea and TSP as A Source of Fermentation (Hidayat)	64
Miswak Holder as Brushing (Bersiwak) Solutions to Improve Cleaning Posterior Teeth In The Students at Al-Kautsar Boarding Schools District Kuningan West Java 2016 (Hadiyat Miko, Muhammad Saleh, Syamsuddin Abubakar, Samjaji, Jupri Pringadi)	65
Socialization Influence About Cervical Cancer to Knowledge and Attitude Improvement for Student Majoring of Midwifery Health Polytechnic Makassar (Hj. Husnah, Fitriati Sabur)	66
Relations with Head Reflex Ring of Primitive Flower Baby Grow 0-6 Months Of Age in Health Sudiang (Hj. Nurul Iman)	67
Difference Between Giving Effect Hold Relax and Traction Translation With The Contract Relax And Traction Translation Against The Increase in Motion And Function Frozen Shoulder Patients in Hospitals Pangkep 2015 (Hj.Hasbiah)	68



# Miswak Holder as Tool Solutions to Improve Cleaning Posterior Teeth in The Students at Al-Kautsar Boarding Schools District Kuningan West Java 2016

Hadiyat Miko<sup>1</sup>, Muhammad Saleh<sup>2</sup>, Syamsuddin Abubakar<sup>2</sup>, Samjaji<sup>1</sup>, Jupri Pringadi<sup>1</sup>

<sup>1</sup>Departement of Dental Nursing, Health Polytechnic Tasikmalaya

<sup>2</sup>Departement of Dental Nursing, Health Polytechnic Makassar

Email: drgmiko@yahoo.com

**BACKGROUND** - Using Miswak is alsamic tradition that is attached to the values of culture and religion. This tradition is a true heritage of human civilization. The tradition of cleaning teeth with Miswak wood has existed since 7000 years ago, before Islam developed in the Arab lands. This tradition is experiencing a shift in values in the teachings of Islam, the practice of cleaning the teeth with a wooden miswak got confirmation and legality through religious doctrines in the form of hadith of the Prophet. Practice miswak brushing ultimately characterize and identity become a tradition in the Muslim community, particularly among Islamic schools.

**OBJECTIVE** - An understanding of the practice miswak brushing in the present context, especially in Al-Kautsar boarding schools Kuningan Regency is still an understanding of the nature of contextual based on the hadith of the Prophet, it gives an understanding that using miswak is cleaning teeth with wood miswak as did the Prophet, cleans teeth with a toothbrush and toothpaste in their view are not included in the category using miswak. Based on research on wood miswak as a mechanical device for cleaning teeth has some short comings, the anatomical shape of wood miswak has a shape that is straight from the fiber to the parts that are held, and the use is only effective on the surface of the front teeth, and is difficult to reach the back and a narrow angle in the mouth. The shortage was the inspiration to modify miswak with the objective of maximizing miswak function so that it has an optimal capacity to clean all surfaces of the teeth and have the comfort in its use.

**METHODS** - 30 samples are divided into two groups. The design of the study is a quasi-experiment (quasi experimental design), with a pretest-posttest design with control group. Starting with the observation, that the initial examination of dental and oral hygiene using *PHP* index (patient hygiene performance index) in both groups. The first in the intervention group toothbrushing using miswak holder, while the second group toothbrushing using appropriate *using miswak* everyday..At the end of the examination into two groups earlier visits hygiene teeth using the same index. The results seen from the groups using miswak holder cleanliness level is much better than the conventional group. This is due to miswak fibers are clamped with the tool miswak holder can reach the teeth at the posterior. In this study miswak holder is made of a resin material, is expected to have commercial company interested manufacture of other materials such as plastic or hardwood.