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## Biomechanism of Coffee Consumption for Maintaining Teeth Health Benefit

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### **ABASTRACT**

There are many cases and diseases related to teeth. All of us understand, that the first way for eating is from digestion. Teeth are one of the decay way for digestion. So, we have to take care of our teeth health benefit for getting good and healthy teeth always in our life for avoiding teeth problems and diseases.

Coffee is one the most favorable drinking in this world that we always love for drinking in all of the condition and situation in our life and modern life style. Coffee has many healthy benefit. So many researchs and studies proved that coffee has many health benefit for our healthy body. But, we have no clearly proving and understanding related to the biomechanism of coffee for getting our healthy teeth benefit that influence our healthy body,too in obes and non obes. So the aim of this manuscript is to discuss the biomechanism of coffee for maintaining health teeth benefit.

efit.

Keywords: Biomechanism, coffee, teeth, healthy, ben- pair and improve our teet problems for getting normal condition anymore like usually condition especially in the obesity condition.

### Introduction

Teeth is the first way related to digestion for getting food Obesity is one of global burden in this world. Coffee has that content of nutrition for our healthy body. Teeth is antiobesity which has anti-inflammatory activity for promany healthy problems and troubles at least we will feel the others component that has healthy benefit. discomfort feeling in our mouth. Finally, we will get so

one of our part of our body that very important and has tecting the gingiva and the others environment of the relationship with our digestion. Mouth is the part of our mouth. Coffee has antioxidant activity,too for preventing body which has teeth as the first way for getting food. If reactive oxidative in the mouth cause of coffee has so there is something trouble in our mouth, so it will get so many component like polyphenol and caffeic acid and

many problems or diseases if we have never tried to re- Coffee as one of favorite drink in this world. Coffee al-

life. The component of coffee will influence our mouth caffeine will help the water healthy balance in our body and teeth as the part of our mouth. Few of part studies when too much intake water. proved that coffee has healthy benefit for our teeth. (1-3)

But, many people have unclear understanding related to Sugar and milk has carbohydrate component will influthe biomechanism of coffee for getting healthy teeth ence our teeth for getting trouble like caries dentist. If benefit. So, the aim of this study to discuss related to the we drink coffee without sugar and without milk, so it is biomechanism of coffee for getting healthy teeth for our the important thing too for avoiding dental problem at body health benefit.

avoid dental problem so the body will get so many antioxidant activity. healthy body condition.

for these research study related to systematic review.

## **Results:**

oxidant will attack the free radical as oxidant and will temperature condition. neutralize the free radical oxidative damage for being the in our teeth inflammatory condition when our teeth get night. dental healthy problem condition. The others component

ways be as the favorit food and beverage in our modern drink so much water with coffee cause of the diuretic in

least like dental carried disease (3). The benefit of coffee cause of coffee components has activity as antibiotic Finally, the coffee component has healthy benefit to activity, too. Roasting of coffee has effect for coffee as

### Discussion:

Methode: Systematic review that has done for getting at Teeth is one of part of our body for getting digestion about morethan 5 articles related to the coffee, dental when we eat or drink everything for getting nutrition in problem, healthy benefit. The keywords were searched the food component like coffee. Teeth has many detail by google search. PubMed is one of the choice of this part like enamel, pulp and the environment for growing google search for getting the credible inclusion criteria the teeth like gingiva. When coffee meet the teeth there are many healthy biomechanism.

Coffee is powder when we find in the brand merk that Coffee has many components. Each of coffee component have been sailed in the market of all of Indonesian's has activity for many healthy benefits. Coffee has many market. But, a part of them are in the bean condition of antioxidant. One of antioxidant that include and content coffee. Powder coffee is the roasting form of coffee that of the coffee powder is polyphenol. Polyphenol as anti- has been ready for drinking in the water with hot or cold

normal condition. Cause of the free radical condition has We can blend and shake the coffee powder with milk or no couple as well as the normal condition. The others sugar only or without sugar and without milk and with or coffee's component is caffeic acid which has nuclear without the others component that can make our coffee factor kappa beta/nfkb activity as proinflammatory activ- drinking really has good taste and favour for getting nice ity in all of inflammatory condition in our body and also and enjoyable taste of coffee in our day, afternoon or

is caffeine. Caffeine as one of coffee's component has When we blend and shake our coffee powder, we will healthy benefit as diuretic. Diuretic will help our body get so many interaction between coffee powder and the for getting normo condition in our water health balance water. If we choice the hot water, we will find the differwhen too much water in our body. Teeth as one of part ence levels of activity healthy component like antioxiof mouth in our body will get the healthy benefit if we dant in polyphenol that content of coffee powder. If we dant component of coffee worse than in the hot water.

of the difference kind of Robusta and Arabica coffee, dental problem (8). too. Robusta coffee has the higher level antioxidant polyphenol than Arabica level (4-6). Robusta coffee powder The case study of coffee consumption habitual 1 cup daicoffee is lower more than Arabica coffee powder, too.

coffee as antihyperuricemia (4-10) and also as anti sin- March-April 2015 on the rat teeth.(8-9) drom metabolik (7), and also coffee activity as anti heart. The case study of coffee consumption habitual 1 cup daiactivity that tend to anti heart attack.

coffee drinking will influence our health body.

There was previous study in 2014 that has result study, **Conclusions:** coffee habitual consumption influence severe periodonti- Coffee has many components that has healthy benefit tis but could prevent the progression of periodontitis. (1) biomechanism for getting healthy teeth.

But no information in this study if the coffee consump- Acknowledgment: Thanks to all of the lecturer in problem.

There was previous study related to coffee consumption **Conflict of interest:** No conflict of interest to this study. does not influence the colour of enamel of tooth.(2) Coffee drinkers have whiter teeth and healthy teeth or teeth **References:** free of carried better than the non coffee drinkers. Trigonelline in coffee's content has potentiaty as anti

choice the cold water, we will find the low level antioxi- adhesive action. Melanoidin has antiadhesive activity, too(3) The case study of coffee consumption only without sugar or without milk since February 2012- February We will get the difference level antioxidant if we choice 2014 has result study that coffee did not impact on the

has the lower level caffeine more than Arabica coffee ly without sugar and without milk in the afternoon and powder(4-6) so the level of diuretic activity in Robusta tomato consumption without sugar in the morning for 5 years since March 2014 - March 2019 had result study that coffee did not impact on dental problem. Coffee has Coffee component has many health activities as antibi- antiobesity. (9,10). No dental problems in obes and non otic, coffee activity as anti-inflammatory from IL-10 and obes rats in the results study that has been done since

attack. The NO activity of coffee (8) has conclusion that ly with tomato but without blend of carrot 1 glass daily coffee really like Nitrit tablet sublingual in the coffee without sugar for 2 years from February 2019 – February 2022 has result study that coffee ( coffee consumption habitual 1 cup of coffee without sugar or without milk All of the coffee activities influence our body and the and without carrot/ daily in the afternoon and tomato first part of our body that gets health effect of coffee consumption without sugar in the morning) does not imdrinking is our teeth. So, then all of the coffee activities pact on dental problem if the drinker of coffee does have health impact effect to our teeth first and finally the teethbrush twice daily or morethan twice daily for cleaning and for getting the healthy teeth.(11).

tion added sugar and milk or without sugar and milk Diponegoro University and the Universitas Negeri Semacause of sugar and milk has really influence the dental rang who help my research related to coffee, uric acid, obesity and has benefit to this study and article,too.

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