



# Load cell for bite force measurement

Published date: Feb. 2, 2015

## Technology description

### Introduction

Mastication is one of the most important functions of the stomatal system. The forces that originate in the masticatory system are the result of the interplay of muscle, nerve, bone, and dental functions. In terms of maximum bite force, this is the ability of the mandibular elevator muscle to exert maximum effort on the maxillary teeth under physiological conditions.

### Objective

This provides a significant advantage over the limitations of commercially available angle-light dynamometers, enabling them to measure masticatory force with minimum height and maximum sensitivity and to stabilize masticatory force between teeth.

## Application area

Promote greater reliability within the range of maximum masticatory force, as it minimizes condylar excursion; To achieve tooth stability;

- Applicable to any tooth;
- Access to all patients.

## Institution

[Universidade de São Paulo](#)

## Inventors

[Edgard Poiate Júnior](#)

ENGENHEIRO

[Ísis Venturini Pola Poiate](#)

[Matsuyoshi Mori](#)

CIRURGIÃO DENTISTA

[Tomie Nakakuki De Campos](#)

[Mikiya Muramatsu](#)

[Nelson Fukasawa](#)

[Edson Aparecido Liberti](#)

## 联系我们



叶先生

电话 : 021-65679356

手机 : 13414935137

邮箱 : [yeyingsheng@zf-ym.com](mailto:yeyingsheng@zf-ym.com)