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EVALUATION OF BALANCE WITH TEST OF STRATEGIES OF BALANCE ON A FORCE PLATFORM

Vania Cristina dos Reis Miranda¹, José Elias Tomazini¹; Marcelo Sampaio Martins¹; Guillaume Thomann². 1.Faculdade de Engenharia de Guaratinguetá - Unesp, Guaratinguetá - SP - Brasil; 2.Institut Polytechnique de Grenoble, Grenoble - França.

INTRODUCTION

The evaluation of the Balance strategy : - tests are easy to use and of low cost

- the results are mostly subjective

IFT3

Research study of the correlation with the **Posturography** measurements which are more objectives

Building of a personal platform to verify the correlation

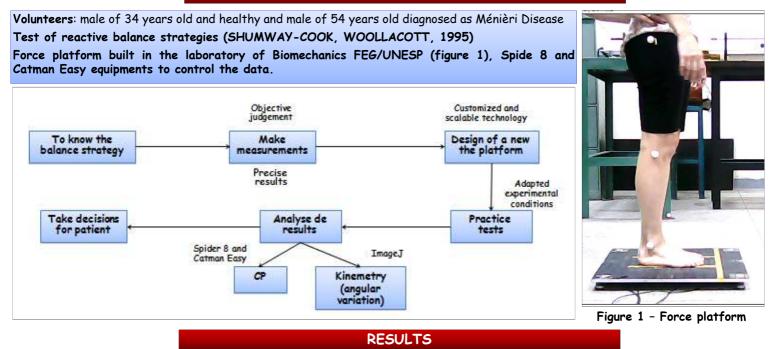
OBJECTIVE

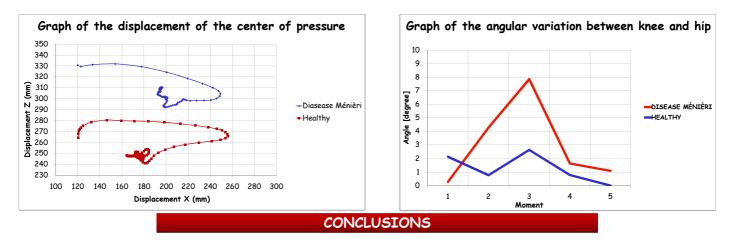
To design and to build custom platform

To evaluate and to compare the **displacement of the center of pressure (CP)** of a healthy individual with an individual diagnosed with disease Ménièri through the force platform

To correlate **reactive strategies postural balance** with data of **center of pressure and kinemetry**

MATERIALS AND METHODS





These results suggests that **the voluntary bearer of Ménièri Disease used an abnormal strategy of balance** in order to keep the displacement of the center of pressure within his base of support, and that **the healthy voluntary used the normal strategy**.

A wider study is necessary to achieve more consistent data, however it is already possible to draw a line of reasoning about the investigation. Other field tests will also be performed in order to verify the sensorial systems of more dependency and of less effectiveness for the maintenance of postural balance.

Diapositive 1

JET3 Não faltou setas (elementos de ligação entre os quadros ??) José Elias Tomazini; 27/04/2014