

Dental ergonomics in Brazil: A current vision.

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This study aim to describe the current Brazilian scenery in order to the application and use of the documents of the European Society of dental Ergonomics – ESDE and of the Standard Project ISO/TC 106/SC 6N411: Ergonomic requirements for dental equipment: Guidelines and recommendations for designing, constructing and selecting dental equipment. Also the document “Course Documentation of conference hands-on” realized in Esde Annual Meeting 2005 in Bensheim.” The information were obtained of the Dental Schools in São Paulo State, in the Brazilian Association of both Medical and dental Equipments manufacturers - ABIMO as well as through research in the Brazilian dental literature. The results show that several actions were carry out in some sectors of the Brazilian dental system which is showed in the following table.



Research

- Creation of a researcher’s group in dental ergonomics with teachers and students of the dentistry courses, physiotherapy, design and architecture;
- Planning and beginning of construction of to dental clinic /laboratory that it will be used to realize dental ergonomics observations and studies in partnership with the Brazilian dental equipments manufacturers;
- 3 scientific papers published in Brazilian dental journals at the moment .



Teaching

- Lectures for the teachers of dental ergonomics of the 3 universities of São Paulo's state.
- Teaching of the Course Documentation, conference hands-on course, to the students of the dental School of São José dos Campos in São Paulo’s State University-UNESP. The exercises are carry out with 3rd. Semester students of the dentistry course in the Collective Health II Discipline during the pre-clinical period;
- Publication of ergonomics chapters in 2 didactic books and 1 book is foreseen to be published in the 2nd. Semester of 2010 and another in the year of 2011.



University’s Extension Activities

- Lecture for the legislation section and control with the representative's of ANVISA participation and manufacturers' section with the representatives' of the Brazilian dental equipment manufacturers (ABIMO). Also in development the accomplishment of partnerships with the manufacturing companies of equipments with the objective of to accomplish Ergonomic Evaluation of the dental equipments and to propose solutions for better adaptation of these equipments.

Final Remarks

We concluded that has been done several actions it goes the popularization and performance of the documents of the European Society of dental Ergonomics - ESDE and that the results of these actions have not still been enough to guarantee the effective application of the current knowledge in dental ergonomics in the Brazilian territory until the present moment.

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