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# Creation of a Validation Protocol of Anatomical Handmade Models for Human Anatomy in Higher Education

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### ABSTRACT

**Introduction:** The creation of low cost anatomical pieces has been disseminated in Brazilian Universities in order to minimize the educational shortcomings of the lack of accessible didactic material. **Objective:** This work aims at the creation of a validation protocol for anatomical handmade models, evaluating efficacy in teaching-learning and standardizing the anatomical models produced in the disciplines of Human Anatomy. **Methodology:** Initially a search of articles on models already created was done, and the methodologies of creation and practical evaluation of each model were indicated and formulated a general protocol. **Results and Discussion:** The protocol was divided into: 1) Initial considerations and 2) pre-test, aiming to classify the classes and identify systematic errors; 3) Testing and 4) Statistical analysis, practical test and statistical validation of the model's efficiency for learning. Initial considerations and pre-test provide an overview of class performance. The test is a theoretical-practical exercise applied after the theoretical classes and presentation of the model. **Conclusion:** The protocol must be used in new models to test its efficiency for suitability in each discipline, maintaining a common trunk and logical sequence of data acquisition and validation of the handmade anatomical piece as additional tools for teaching.

**Keywords:** Anatomy; Teaching; Studies of validation

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