Neuroanatomy atlas website - university of brasília medical faculty

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Our goal was the development of a neuroanatomy website that would offer interactivity and content in portuguese, to be used as a complement to traditional study resources, using the medical school morphology department anatomical specimens. The website also functions as a new channel for the students enrolled in Medical Neuroanatomy course, where is possible to find lectures details and exam grades. The specimens pictures, static or dynamic, are covered by several dots and have their names shown once the mouse cursor is over them. To automate the structures naming we elaborated a software named Neuroponto. The specimens belong to the Medical School Morphology Department and have been shot with macro and regular lenses of digital cameras. University's internal servers have been used to host the website. The html editors were Microsoft Frontpage and Adobe Dreamweaver MX, the photo editor was Adobe Photoshop CS. The website is divided in ten sections, following central nervous system basic subthemes: spinal cord, brainstem, cerebellum, diencephalon and basal ganglia, cerebral cortex, vascular anatomy, coronal sections, spinal cord syndromes, neuropathology and neuroradiology. Other sections such as Lesson Plans are intended for internal community use. The website address is http://www.neuro.unb.br. The use of new technologies at biomedical sciences should be encouraged. Interactivity and practicability are the key principles to the teaching effectiveness of the website for the undergraduate education and the biomedical community.

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