NEW ONLINE NEUROLOGICAL CASES FOR TESTING ANATOMICAL LOCALIZATION

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Abstract:
Neuroanatomical localization is an essential first step in the diagnosis of neurological disease. It requires a systematic thought process to accurately interpret neurological examination results. Both NeuroLogic (a web-based tutorial demonstrated at the Munich 2001 workshop) and NeuroLogical Cases (an interactive case format demonstrated at the Toronto 2002 workshop) are intended to teach this way of thinking.

This demonstration will introduce the three new neurological cases that have been developed in the last year. These cases direct student choices and use progressive analysis and synthesis that are essential for learning anatomical localization.

All cases are created with DreamWeaver and more are continually being produced for use in the NeuroLogic tutorial (http://medstat.med.utah.edu/neurologicexam/). This open source project can be adapted for other teaching settings where anatomical localization is essential for the diagnostic process.

Benefit to participants:
This demonstration presents multiple examples of a case format that embodies how a student must think with clinical neurological findings in order to achieve neuroanatomical localization necessary for neurological diagnosis. It demonstrates an interactive step by step case format that helps develop the desired skills.

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