

THE TOP 100 CONCEPTS IN NEUROLOGY

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This electronic demonstration utilizes a new electronic publishing media entitled TK3. This media allows for instructors to tailor an electronic text to their coursework, utilizing text, dynamic graphic medical illustrations, video, and on-line links to websites. This demonstration is intended to target those educators who have always felt that they wanted to fashion a text in a logical format to follow their individualized course, yet never felt that they had the time to do so.

The study of neuroscience has traditionally been viewed as one of the most difficult areas to master in medicine. This perceived difficulty is partly due to the difficulty in translating esoteric neuroanatomy into clinical practice. Due to the waning numbers of applicants to residencies across the neurosciences, we sought to capture the interest of medical students early in their medical school career by exposing them to clinical neurology during their neuroanatomy and neurophysiology didactic courses.

Through the use of a new media technology called TK3, we were able to formulate an electronic text. Not only does this technology allow for the instructor to create a text format which logically follows the course material presented, but also incorporates video clips of patient examinations, thereby illustrating what lesions in various tracts in the nervous system may look like when conducting a neurological examination. In addition, this technology also allows for the author to incorporate dynamic medical illustrations and graphic cartoons to highlight concepts.