The KISS approach: How to develop an effective self directed e-learning application

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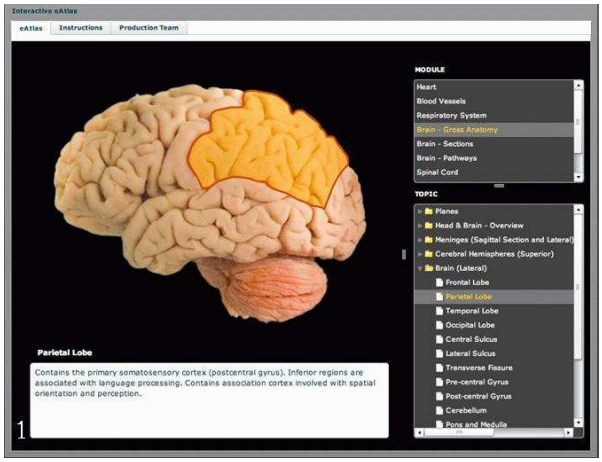
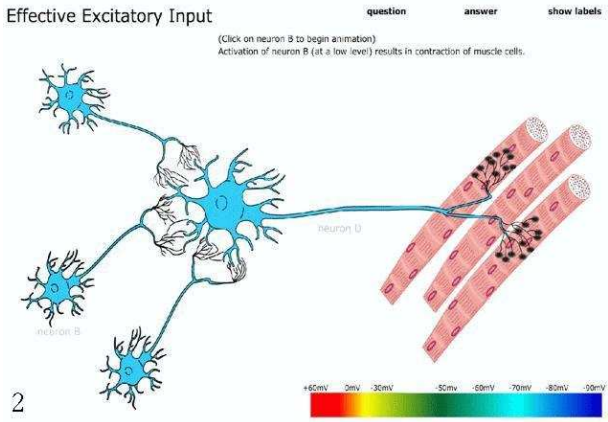
An Interactive e Atlas of functional anatomy (IeA) has been developed to provide support for large class teaching and to encourage engagement in the study area (Figure 1). The IeA provides general support for introductory anatomy & physiology courses and also forms a component of blended learning and distance education.

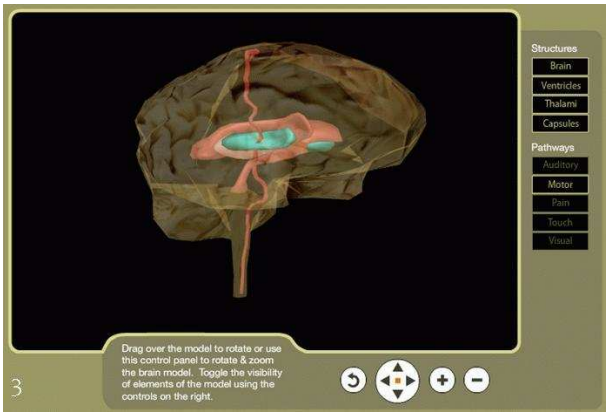
The KISS approach (keep it simple for students) was used during development of atlas content and structure. Best practice principles and cognitive load theory were used to provide effective interactivity, flexibility, options and feedback.

Two other online applications (Neuronal Physiology animation Figure 2; Glass Brain Figure 3) have also been developed using best practice principles.

Preliminary evaluations indicate a good student response to the applications. The KISS approach may be useful in facilitating student engagement in e-learning environments.







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