

## **Basic Teaching and Clinical Application of Human Function Experimental System Based on Labstation**

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### **Abstract**

In this workshop report, there is introduce some experiences in the human physiology laboratory teaching based on Labstation system in the process of basic medical education. Two typical cases, "the mechanism of ECG pseudowave in patients with respiratory distress" and "study of mechanical interference of arterial pulse induced ECG pseudowave", were presented to demonstrate that the study ideas of combining clinical disease with basic medical laboratory education. These two cases suggest that basic medical laboratory teaching would be better to do in clinical question-oriented and in interdisciplinary mode. The integrated laboratory education will greatly promote the development of the basic medical laboratory education reform, expand the breadth and depth of basic medical laboratory education, motivate medical students' active-learning interest and study enthusiasm, and also puts forward new challenge to teachers of course.