

## **Abstract #29226**

Stop the Clot®: What Every Healthcare Professional Should Know Online Curriculum Development, Content, and Evaluation

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Abstract Text:

### **Background:**

Delivery of care to patients with thrombosis and thrombophilia (T/T) is highly variable or sub-optimal. There is need to increase awareness and knowledge in healthcare professionals(HCPs) about prevention, risk, and treatment of T/T. *StopTheClot® What Every Healthcare Professional Should Know* was developed by National Blood Clot Alliance(NBCA) as part of cooperative agreement with Centers for Disease Control and Prevention(CDC) to answer this need.

### **Objectives:**

To address knowledge gaps in HCPs caring for people with T/T. The long term goal is to increase HCP knowledge of T/T patient management to lead to improved health outcomes and prevention of secondary complications.

### **Methods:**

A needs assessment was sent by e-mail in March 2008 to 704 staff in Anticoagulation Clinics(ACCs) and Hemophilia Treatment Centers (HTCs) to ascertain learning needs.

A Curriculum Development Team(CDT) was recruited from subject matter experts in ACCs and HTCs that included nurses, nurse practitioners, pharmacists, and physician assistants, its intended target audience.

A systematic approach determined selection of target audience, because these non-physician HCPs are more likely to encounter the patient at the entry point of care. Lessons include Basics of Clotting, Basics of Thrombophilia, Anticoagulant Medications, Post-Thrombotic Syndrome, Pulmonary Hypertension, and Prevention of Venous Thromboembolism.

Content was developed in a collaborative and reiterative process with an instructional design consultant. Objectives, content, graphics, videos, review tests, and post-tests were outlined in a story board.

Challenges included delays in transition to online format and an involved and arduous application for continuing education for multiple disciplines for an online format.

An online format was chosen for extended outreach, easy and instant access, and opportunity for self-paced learning.

Continuing education credits secured through CDC.

**Results:**

NBCA results from web site metrics, the CDC standard continuing education evaluation, and a 3 month follow-up questionnaire are benchmarks to evaluate this online course.

**and Conclusion and implications for public health practice:**

An online curriculum focusing on anticoagulation management adapted for hospital patients may be a cost-effective method applied to hospital quality improvement initiatives directed at VTE prophylaxis.

Title:

Stop the Clot®: What Every Healthcare Professional Should Know Online Curriculum  
Development, Content, and Evaluation

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