

Academic Session: Venous Thrombosis

Learning Objectives 2021

Facilitator: Reginald E. Smith, Pharm.D.

After completion of this academic session, the learner will be able to:

- 1. Utilize Canadian-based clinical practice guidelines relevant to the diagnosis, classification, treatment and prevention of thrombosis (Thrombosis Canada and CHEST)**
- 2. Describe the venous anatomy of limbs, pelvis, abdomen and thorax**
- 3. Identify the causes of deep vein thrombosis, pulmonary embolism and post thrombotic syndrome.**
- 4. Describe the how a diagnosis of DVT/PE is made and understand how to risk stratify VTE**
- 5. Describe the pathophysiology, treatment and prevention of DVT/PE**
- 6. Describe the treatment of superficial thrombophlebitis (STP) and differentiate STP from DVT**
- 7. Describe the pathophysiology, treatment and prevention of post thrombotic syndrome**
- 8. Describe the pathophysiology, treatment and nature of cancer associated thrombosis**

Topics Covered

1. Thrombosis Canada App & Website, CanVector
2. Venous Anatomy of Lower Limbs
3. Causes of Deep Vein Thrombosis & PE, PTS
4. Diagnosis & Risk Stratification – Thrombosis Canada Tools
5. Treatment of DVT/PE
6. Treatment of Superficial Thrombophlebitis
7. Graded Compression Stockings To Prevent PTS
8. Cancer Associated Thrombosis (time permitting)

Pre-Readings

1. Review Thrombosis Canada Website:

<https://thrombosiscanada.ca/>

- Detailed reading not required, but residents to familiarize themselves with types of information on the web site (ie clinical guides, clinical tools, calculators, patient & family resources, etc)

2. Review The Canadian Venous Thromboembolism Research Network (CanVECTOR) Website:

<https://Canvector.ca>

- Detailed reading not required, but familiarize yourself with the organization and the types of material on the website (ie research, membership, publications, resources, etc.)