American Society of Hematology 2020 guidelines for management of venous thromboembolism: treatment of deep vein thrombosis and pulmonary embolism.

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American Society of Hematology (ASH)

Ortel TL, Neumann I, Ageno W, et al. American Society of Hematology 2020 guidelines for management of venous thromboembolism: treatment of deep vein thrombosis and pulmonary embolism. Blood Adv. 2020 Oct 13;4(19):4693-4738. [360 references] PubMed

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Overview

Guideline Objective

To provide evidence-based recommendations about the treatment of deep vein thrombosis (DVT) and pulmonary embolism (PE)

Patient Population

Patients without cancer with DVT and/or PE

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Initial management with consideration of home treatment vs hospital treatment, choice of anticoagulant therapy, use of fibrinolytic therapy, and insertion of inferior vena cava (IVC) filters
- Role of therapeutic anticoagulation in primary treatment
- Secondary prevention options, including discontinuing anticoagulant therapy or continuing long-term antithrombotic therapy
- Management of breakthrough and recurrent DVT/PE
- Additional management considerations, including use of aspirin while on anticoagulant therapy and use of compression stockings

Note: Full recommendation statements have not been provided because this guideline does not meet EGT's systematic review of the evidence criteria. Refer to the original guideline for more information.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

- Supplement 1. Panel and Systematic Review Team Membership.
- Supplement 2. Panelist Disclosure of Interest Forms.
- Supplement 3. Disclosure of Interests Forms of Researchers Who Contributed to the Guidelines.

- Supplement 4. Search Strategies.
- Methodology for the American Society of Hematology VTE Guidelines: Current Best Practice, Innovations, and Experiences; 2020 May 26.
- GRADE Evidence Profiles:
    - Recommendation 1.
    - Recommendation 2.
    - Recommendation 3.
    - Recommendation 4.
    - Recommendation 5.
    - Recommendation 6.
    - Recommendations 7.
    - Recommendation 8.
    - Recommendation 9.
    - Recommendation 10.
    - Recommendation 11.
    - Recommendation 12.
    - Recommendation 13.
    - Recommendation 14.
    - Recommendation 15.
    - Recommendation 16.
    - Recommendation 17.
    - Recommendation 18.
    - Recommendation 19.
    - Recommendation 20.

    - Recommendation 21.
    - Recommendation 22.
    - Recommendation 23.
    - Recommendations 24a and 24b.
    - Recommendation 25.
    - Recommendation 26.
    - Recommendation 27.
    - Recommendation 28.
- Adaptation of VTE Guidelines for Latin America.

Implementation Tools

- One-Page Snapshot: What You Should Know; 2020. Also available full set of VTE Clinical Practice Guidelines Snapshots: What You Should Know.
- Slide Set; 2020.
- The State-of-the-art Methodology Behind New VTE Guidelines Infographic; 2018.
- Understanding Blood Clots Infographic; 2018.
- Signs of VTE Infographic; 2018.
- Video: ASH Clinical Practice Guidelines on Venous Thromboembolism (VTE); 2018 Nov 27.
- Video: Treatment | ASH Clinical Practice Guidelines on Venous Thromboembolism (VTE); 2020 Oct 1.
- ASH Clinical Practice Guidelines App available for Android and iOS.

Patient Education

- Blood Clots When You are Pregnant or Breastfeeding; 2021 Dec 21.
- Heparin-induced Thrombocytopenia; 2021 Dec 21.

- Preventing a Blood Clot; 2021 Dec 21.
- Testing for Blood Clots; 2021 Dec 21.
- Things to Know if You are Taking a Blood Thinner to Prevent Blood Clots; 2021 Dec 21.

Note: This patient information is intended to help patients better understand their health and their diagnosed disorders. Patients and their representatives should still consult with a licensed health care professional for evaluation of treatment options as well as answers to their personal medical questions.

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