

# Indications For Hematology Consultation

## Indications for Hematology consultation with anticoagulant therapy:

- Initiation of therapy for patients
  - Not in critical care unit
  - Age < 30 days
  - Baseline INR  $\geq$  1.2 prior to initiation of warfarin
  - Impaired renal function
- Maintenance of anticoagulation therapy with:
  - Delay in reaching therapeutic anticoagulation
  - Progression of thrombus
  - Concern for heparin induced thrombocytopenia (HIT)
  - Hemorrhage and need for antidote
- Surgery or invasive procedure in patients with:
  - Mechanical/prosthetic mitral valves
  - Atrial fibrillation
  - Recent/recurrent thromboembolism
- Use of LMW heparin other than enoxaparin

## References:

Ansell J, et al. Pharmacology and Management of the Vitamin K Antagonists: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (8<sup>th</sup> Edition). *Chest*. 133 (6Suppl): 160S-198S, 2008 Jun.

Bolton-Maggs P , Brook L. The use of vitamin K for reversal of over-warfarinization in children. *Br J Haematol* 2002; 118:924.

David, M., et al. Warfarin Therapy in Children. Thrombosis Interest Group of Canada. May 2004. <http://www.tigc.org/eguidelines/warfarinchildren04.htm>. Accessed 10/21/08.

Horton, JD, et al. Warfarin Therapy: Evolving Strategies in Anticoagulation. American Family Physician; 1999 Feb; 59(3):635-646.

<http://www.aafp.org/afp/AFPprinter/990201ap/635.html>

Lexi-Drugs Online/Pediatric Lexi-Drugs Online,

Warfarin, <http://online.lexi.com/crlsql/servlet/crlonline>, Copyright © 1978-2008 Lexi-Comp, Inc, Hudson, OH 44236

Monagle P. Chalmers E. Chan A. DeVeber G. Kirkham F. Massicotte P. Michelson AD. Antithrombotic therapy in neonates and children: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (8th Edition). [Journal Article] Chest. 133(6 Suppl):887S-968S, 2008 Jun.

Monagle P. Chan A. Massicotte P. Chalmers E. Michelson AD. Antithrombotic therapy in children: the Seventh ACCP Conference on Antithrombotic and Thrombolytic Therapy. [Review] [487 refs] [Guideline. Journal Article. Practice Guideline. Review] Chest. 126(3 Suppl):645S-687S, 2004 Sep.

Roach ES. Golomb MR. Adams R. Biller J. Daniels S. DeVeber G. Ferriero D. Jones BV. Kirkham FJ. Scott RM. Smith ER. American Heart Association Stroke Council. Council on Cardiovascular Disease in the Young. Management of stroke in infants and children: a scientific statement from a Special Writing Group of the American Heart Association Stroke Council and the Council on Cardiovascular Disease in the Young. [Journal Article] Stroke. 39(9):2644-91, 2008 Sep.

*These guidelines do not establish a standard of care to be followed in every case. It is recognized that each case is different and those individuals involved in providing health care are expected to use their judgment in determining what is in the best interests of the patient based on the circumstances existing at the time. It is impossible to anticipate all possible situations that may exist and to prepare guidelines for each. Accordingly these guidelines should guide care with the understanding that departures from them may be required at times.*