

New Kids on the Block:  
Factor XI Inhibitors, the New Novel Oral  
Anticoagulant Agents

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Objectives

- Review the coagulation cascade and the pharmacology of the Factor XI inhibitors
- Explain current literature and trials examining the efficacy of Factor XI inhibitors
- Describe the current place in anticoagulant management for Factor XI inhibitors



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Financial Disclosures

- Nothing to disclose



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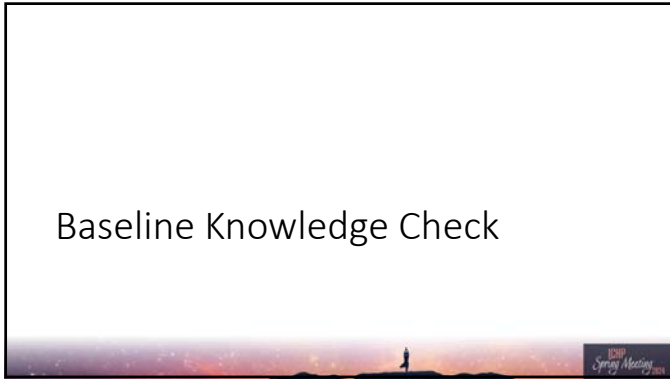
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# Baseline Knowledge Check



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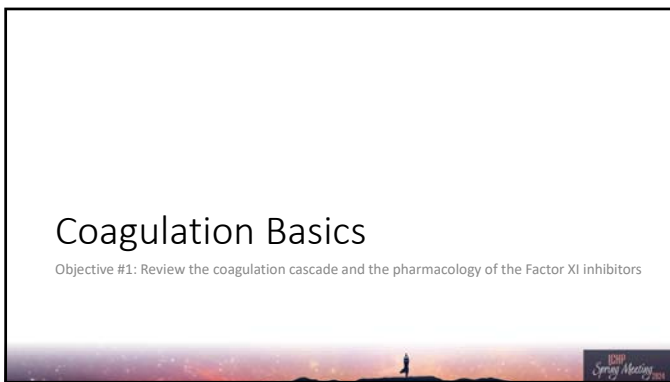
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# Coagulation Basics

Objective #1: Review the coagulation cascade and the pharmacology of the Factor XI inhibitors



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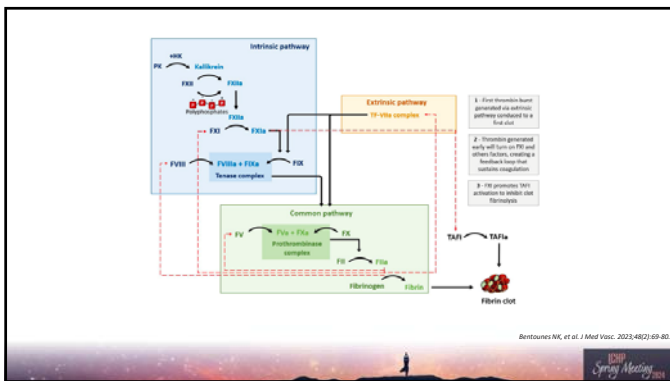
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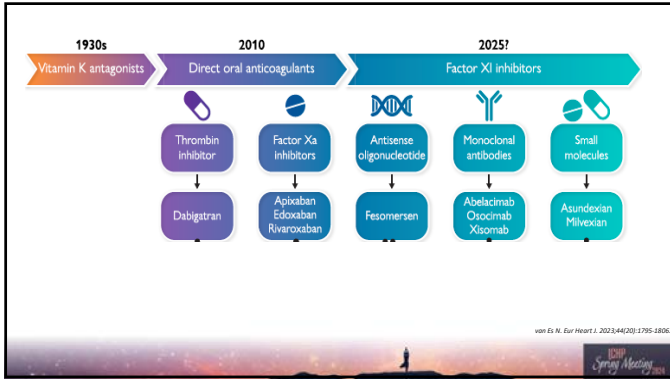
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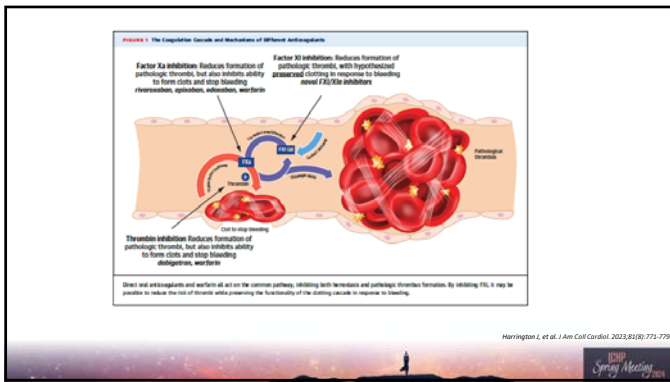
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## The New Kids – Factor XI Inhibitors

Objective #2: Explain current literature and trials examining the efficacy of Factor XI inhibitors

Objective #3: Describe the current place in anticoagulant management for Factor XI inhibitors

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# Knowledge Check

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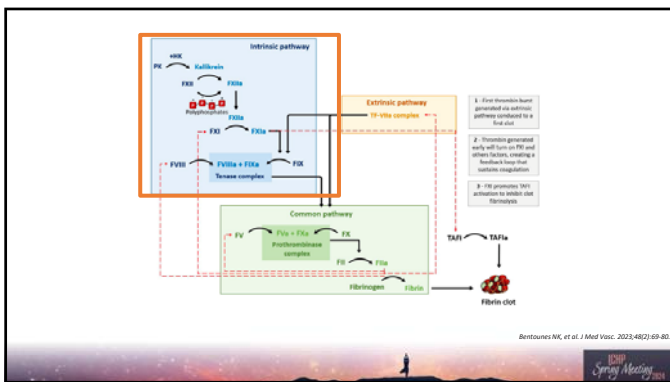
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## Factor XI – Filling an Unmet Need

- **Unmet need** → need for anticoagulation without increased risk of bleeding
  - Direct oral anticoagulants (DOACs) provided alternative to vitamin K antagonists (VKAs), however, not without limitations
- What is Factor XI?
  - Coagulation protein associated with decreased risk of thrombosis and low bleeding tendency
  - Factor XI Deficiency → hemophilia C
    - Prolongs activated partial thromboplastin time (aPTT)

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