# Management of Periprocedural Anticoagulation (Thrombotic Risks)

## Patient THROMBOTIC Risk

<table>
<thead>
<tr>
<th>Ultra High</th>
<th>High</th>
<th>Intermediate</th>
<th>Low</th>
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</thead>
</table>
| History of thromboembolism when anticoagulation held | 1) Mechanical valves  
   a) Any mitral or tricuspid valve prosthesis  
   b) Older caged ball (Starr-Edwards) or tilting disc (Bjork-Shiley, Medtronic-Hall) aortic prosthesis  
   c) Bileaflet (St Jude, Carbomedics) aortic valves with additional risk factors*  
   d) Stroke or TIA in past 6 months  
2) Atrial fibrillation  
   a) CHADS₂ score 5-6  
   b) Rheumatic valvular heart disease  
   c) Stroke or TIA in past 3 months  
3) VTE  
   a) VTE in past 3 months  
   b) Severe thrombophilia (e.g. antiphospholipid syndrome)  
   c) Multiple thrombophilic conditions | 1) Mechanical valves  
   a) Bileaflet (St Jude, Carbomedics) aortic valves with additional risk factors*  
2) Atrial fibrillation  
   a) CHADS₂ score 3-4  
3) VTE  
   a) VTE within the past 3-12 months  
   b) Recurrent VTE  
   c) Mild thrombophilia (e.g. factor V Leiden mutation)  
   d) Active cancer (treated within 6 months or palliative) | 1) Mechanical valves (non-mitral)  
   a) Bileaflet without atrial fibrillation or other stroke risk factors*  
2) Atrial fibrillation  
   a) CHADS₂ score 0-2  
3) VTE  
   b) Single VTE > 6 months ago without other stroke risk factors* |

*Additional risk factors for thromboembolism with mechanical valves: atrial fibrillation, prior thromboembolism, hypercoagulable condition, EF < 30%, or multiple valves

## CHADS₂, Scoring

| C | 1 | CHF |
| H | 1 | HTN |
| A | 1 | Age > 75 |
| D | 1 | Diabetes Mellitus |
| S₂ | 2 | Stroke or TIA |