Chapter 1 General introduction and outline of the thesis

Part I Diagnosis of pulmonary embolism

Chapter 2 Pulmonary embolism: epidemiology and diagnosis

Chapter 3 Validity and clinical utility of the simplified Wells rule for assessing clinical probability of pulmonary embolism

Chapter 4 Safety and clinical utility of four clinical decision rules in the diagnostic management of pulmonary embolism – the Prometheus Diagnosis Study

Chapter 5a Application of a decision rule and a D-dimer assay in the diagnosis of pulmonary embolism

Chapter 5b Knowledge of the D-dimer result influences clinical probability assessment

Chapter 6 Potential of an age-adjusted D-dimer cut-off value to improve the exclusion of pulmonary embolism in older patients: a retrospective analysis of three large cohorts

Chapter 7 D-dimer and clinical probability to rule out pulmonary embolism in cancer patients: an explorative study to increase the clinical utility

Chapter 8 Failure-rate and efficiency of a diagnostic strategy for excluding pulmonary embolism in primary care using the Wells rule in combination with a point-of-care D-dimer test: a scenario analysis

Chapter 9 False normal results on multidetector-row computed tomography in patients with a high clinical probability of pulmonary embolism

Chapter 10 Comparison of 4- and 64-slice CT scanning in the diagnosis of pulmonary embolism

Chapter 11 An alternative diagnostic strategy with lower radiation risk in young women with suspected pulmonary embolism
<table>
<thead>
<tr>
<th>Part II</th>
<th>Prognosis of pulmonary embolism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 12</td>
<td>Thrombolysis for pulmonary embolism and venous thrombosis: is it worthwhile?</td>
</tr>
<tr>
<td>Chapter 13</td>
<td>Multidetector-row computed tomography for acute pulmonary embolism: diagnosis and risk stratification in a single test</td>
</tr>
<tr>
<td>Chapter 14</td>
<td>Clot resolution after three weeks of anticoagulation for pulmonary embolism: comparison of computed tomography and perfusion scintigraphy</td>
</tr>
<tr>
<td>Part III</td>
<td>Pulmonary embolism in specific patient populations</td>
</tr>
<tr>
<td>Chapter 15</td>
<td>Incidental venous thromboembolism in cancer patients: prevalence and consequence</td>
</tr>
<tr>
<td>Chapter 16</td>
<td>Chronic pulmonary embolism in Klippel-Trenaunay syndrome</td>
</tr>
</tbody>
</table>

Summary

Nederlandse samenvatting

Authors and affiliations

List of publications

Dankwoord

List of abbreviations