

## Suspected PE

PE diagnosis is challenging—if unsure about management, **refer to the ED** for further evaluation.

	FIRST Determine Level of Risk	THEN Diagnosis
Less than 2% risk	<a href="#">Well's PE</a> score 0 and/or <a href="#">PERC</a> score 0	No further action required
Low risk	<a href="#">Well's PE</a> score 1-2	<b>Same-day</b> D-Dimer, if available and eGFR
Med or high risk	<a href="#">Well's PE</a> score $\geq 2$ OR you suspect PE irrespective of blood test result	<b>Refer to the ED</b>

### How to Interpret Investigations

D-Dimer interpretation	<ul style="list-style-type: none"> <li>Age 18-50: normal &lt;500 ug/L</li> <li>Age <math>\geq 50</math>: use Age-Adjusted D-Dimer</li> <li>Pregnant: use <a href="#">YEARS algorithm</a></li> </ul>
D-Dimer (-)	<ul style="list-style-type: none"> <li>Management as per your DDx</li> </ul>
D-Dimer (+)	<ul style="list-style-type: none"> <li>Access CT Pulmonary Angiogram via LGH radiology <b>within 24 hours</b> via <a href="#">North Shore Urgent CT and US Referral Guidelines and Referral Form</a> (need GFR in last 3 months)</li> <li>If patient has now become unwell or developed abnormal vital signs, <b>refer to the ED</b> for emergent assessment</li> </ul>

### Treatment

CTPA (-) for PE	<ul style="list-style-type: none"> <li>Management as per your DDx</li> <li>Consider urgent bilateral lower extremity Doppler US to investigate DVT</li> </ul>
CTPA (+) for PE	<ul style="list-style-type: none"> <li>If Hestia and/or sPESI NEGATIVE and GFR &gt;30, <b>prescribe</b> apixaban 10 mg PO BID x 7 days, then 5 mg PO BID (<b>and refer</b> to LGH Thrombosis Clinic for assessment within 72 hours)</li> <li>If pregnant or eGFR &lt;30, <b>refer to the ED</b> for urgent LMWH anticoagulation</li> <li>If Hestia and/or sPESI POSITIVE or patient is unwell or has abnormal vital signs, <b>refer to the ED</b> for emergent assessment</li> </ul>

### Resources

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| <ul style="list-style-type: none"> <li><a href="#">Pulmonary Embolism – Diagnosis</a></li> <li><a href="#">Pulmonary Embolism - Treatment</a></li> <li>LGH Thrombosis Clinic (#200-101 West 16<sup>th</sup> St)               <ul style="list-style-type: none"> <li>Fax referral to (604) 904-0812</li> <li>Please have patient call the office at 9am (604) 904-0810</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li><a href="#">Well's PE scoring</a></li> <li><a href="#">PERC scoring</a></li> <li><a href="#">RACE line</a>: (604) 696-2131</li> <li><a href="#">Hestia scoring</a></li> <li><a href="#">sPESI scoring</a></li> <li><a href="#">YEARS algorithm</a></li> </ul> |
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