

Clinician assesses & queries a Pulmonary Embolus (PE) clinically

Patients should undergo a F2F assessment – or have undergone a F2F assessment within the last 7 days regarding this issue to support referral.

Use of a scoring system, such as WELLS Criteria for PE, PESI, or Geneva scores is recommended during assessment, but a PERC score is required for entry to SDEC

Contact Flow Centre

03000 13 4000

Patient meets criteria for SDEC

+PERC score

Patient requires D-Dimer & SDEC assessment

Patient doesn't meet the criteria for SDEC

(News \geq 4 but patient is ambulant)

Patient informed of SDEC appointment

Unless the patient attends <10.30am it is unlikely that they will get same day imaging. This may change during the winter period but until then please advise the patient to prepare for assessment and not scan.

Flow Centre can transfer to the SDEC Consultant phone for clinical discussion and close the call.

PERC Scoring

Pulmonary Embolus Rule-out Criteria

Clinical characteristic	No	Yes
Age \geq 50	0	1
HR >100	0	1
O2 Sat RA < 95%	0	1
Unilateral leg swelling	0	1
Prior PE/DVT	0	1
Recent surgery/trauma	0	1
Hemoptysis	0	1
Hormone Use	0	1

The PERC Rule is a "rule-out" tool, all variables **must** receive a "no" to be negative

PE Protocol

Western General Hospital NHS Lothian Same Day Emergency Care (SDEC)

Service Description

To provide direct access to the Same Day Emergency Care (SDEC) pathway for patients presenting with chest pain or breathlessness which the assessing clinician feels there is a need to rule out a Pulmonary Embolus (PE)

Categories of patients excluded from PE SDEC pathways:

- NEWS > 5
- Hemodynamic instability
- Severe pain or chronic kidney disease (stages 4 or 5 eGFR)

Categories of patients excluded from all SDEC pathways:

- Patients <16 years of age.
- Non-Ambulatory patients*
- Pregnant patients.
- Any patient intoxicated due to alcohol or drugs.
- Any patient who has ingested any form of recreational drugs.
- Any patient who has taken any drug overdose.
- Any new confusion (different to baseline).
- Any Trauma
- Active Bleeding

Operational Hours:

Appointment Availability
Mon - Fri: 9.00am—6.00pm
Sat & Sun: Return appointments only

Clinician Availability

Mon: 8.00am - 9.30pm
Tue - Fri: 8.00am - 8.00pm

Handover: Clinician to Clinician

Situation

Background

Assessment

Recommendation

A NEWS2 score must be included as part of the handover.

*Ambulant patients are defined as those who can transfer chair to chair without assistance, attend to their own personal care (or be accompanied by a carer), and preferably make their own way to hospital