

PROSPECTIVE INVESTIGATION OF PULMONARY EMBOLISM DIAGNOSIS
CENTRAL SCAN INTERPRETATION

Clinic No.					
ID No.					
Form Type	C	X	0	1	

PART I: Identifying/Administrative Information

1. Patient's NAME CODE:

2. Date study performed:

____ - ____ - ____
Month Day Year

3. Do the films available
for this interpretation
include satisfactory
quality ventilation scans,
perfusion scans and chest

X rays? _____ () (STOP)
Yes No

4. Consensus pair:

A1. Certification number:

A2. Signature:

B1. Certification number:

B2. Signature:

If satisfactory quality ventilation
scans, perfusion scans and chest X
rays are not available, complete
either Form 2Y or 2Z, whichever is
appropriate.

PART II: Location of Perfusion Mismatch(es)

In this section report only those perfusion scan defects for which accompanying ventilation scan is normal and chest X ray is clear (i.e., no airspace disease in the area of perfusion abnormality).

5. Left lung:

Mismatched lesions present ----- (1) (2)
 Yes No

If NO, proceed to Item 6.

A. Whole lung:

F2X5A

Absent perfusion ----- (1)

Decreased perfusion ----- (2)

Absent or decreased perfusion in combination ----- (3)

None of the above ----- (4)

If ABSENT PERFUSION, DECREASED PERFUSION or ABSENT OR DECREASED PERFUSION IN COMBINATION, proceed to Item 6.

B. Left upper lobe:

0 1 2 3
 1. Number of segments mismatched ----- (0) (1) (2) (3) F2X5B1

2. Number of moderate subsegments mismatched ----- (0) (1) (2) (3) F2X5B2

C. Lingula:

0 1 2
 1. Number of segments mismatched ----- (0) (1) (2) F2X5C1

2. Number of moderate subsegments mismatched ----- (0) (1) (2) F2X5C2

D. Left lower lobe:

0 1 2 3 4
 1. Number of segments mismatched ----- (0) (1) (2) (3) (4) F2X5D1

2. Number of moderate subsegments mismatched ----- (0) (1) (2) (3) (4) F2X5D2

6. Right lung:

Mismatched lesions present ----- (1) (2)
 Yes No

If NO, proceed to Item 7.

A. Whole lung:

F2X6A

Absent perfusion ----- (1)

Decreased perfusion ----- (2)

Absent or decreased perfusion in combination ----- (3)

None of the above ----- (4)

If ABSENT PERFUSION, DECREASED PERFUSION or ABSENT OR DECREASED PERFUSION IN COMBINATION, proceed to Item 7.

B. Right upper lobe:

0 1 2 3
 1. Number of segments mismatched ----- (0) (1) (2) (3) F2X6B1

2. Number of moderate subsegments mismatched ----- (0) (1) (2) (3) F2X6B2

C. Right middle lobe:

0 1 2
 1. Number of segments mismatched ----- (0) (1) (2) F2X6C1

2. Number of moderate subsegments mismatched ----- (0) (1) (2) F2X6C2

D. Right lower lobe:

0 1 2 3 4
 1. Number of segments mismatched ----- (0) (1) (2) (3) (4) F2X6D1

2. Number of moderate subsegments mismatched ----- (0) (1) (2) (3) (4) F2X6D2

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PART III: Small Subsegmental Lesions

In this section report only those small perfusion scan defects (< 25% of a segment) and in which the chest X ray is clear (i.e., no airspace disease). Ventilation scan in these areas is irrelevant.

7. Number of small, subsegmental lesions **F2X7**

0 ----- (1)
 > 1 but <= 3 ----- (2)
 > 3 ----- (3)

PART IV: Description of Chest X Ray and Ventilation Images

8. Abnormalities of the hilum, mediastinum and diaphragm: **Q8**

None ----- (1)

If **NONE**, proceed to Item 9.

	(A) CXR	(B) Corresponding Scan Defect								(C) Corresponding Scan Defect							
		\dot{V}				\dot{Q}				\dot{V}				\dot{Q}			
		N	<	=	>	N	<	=	>	N	<	=	>	N	<	=	>
1. Mediastinum enlarged -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
2. Cardiomegaly -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
3. Right hilum enlarged -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
4. Left hilum enlarged -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
5. Right diaphragm elevated -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
6. Left diaphragm elevated -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)

9. Pleural effusions (check all that apply):

None ----- (1)

If **NONE**, proceed to Item 10.

	(A) CXR	(B) Corresponding Scan Defect								(C) Corresponding Scan Defect							
		\dot{V}				\dot{Q}				\dot{V}				\dot{Q}			
		N	<	=	>	N	<	=	>	N	<	=	>	N	<	=	>
1. Right pleural effusion																	
F2X9A1 a) None -----	(1)																
b) Costophrenic angle only -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
c) Obscures diaphragm -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
d) Up to 1/3 pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
e) About 1/2 pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
f) 2/3 or more pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
g) Fills pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
2. Left pleural effusion																	
F2X9A2A a) None -----	(1)																
b) Costophrenic angle only -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
c) Obscures diaphragm -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
d) Up to 1/3 pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
e) About 1/2 pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
f) 2/3 or more pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
g) Fills pleural cavity -----	(1)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)

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10. (Continued)

D. Right upper zone

1) No abnormalities ----- (1) F2X10D1

	(I) CXR				(V) Corresponding Scan Defect			(Q)			
	<25%	25-50%	51-75%	>75%	N	<	=	N	<	=	
	2) Opacity -----	F2X10D2I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D2V	(1)	(2)	(3)
3) Linear opacity -----	F2X10D3I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D3V	(1)	(2)	(3)	F2X10D3Q
4) Atelectasis -----	F2X10D4I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D4V	(1)	(2)	(3)	F2X10D4Q
5) Pleural abnormality --	F2X10D5I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D5V	(1)	(2)	(3)	F2X10D5Q
6) Lucencies -----	F2X10D6I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D6V	(1)	(2)	(3)	F2X10D6Q
7) Diffuse lung disease -	F2X10D7I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D7V	(1)	(2)	(3)	F2X10D7Q
8) Other, specify -----	F2X10D8I (2)	(3)	(4)	(1)	(2)	(3)	F2X10D8V	(1)	(2)	(3)	F2X10D8Q

9) No airspace disease on chest X ray ----- F2X10D9V (1) (2) (3) (4) (1) (2) (3) F2X10D9Q
<25% 25-50% 51-75% >75%

E. Right middle zone

1) No abnormalities ----- (1) F2X10E1

	(I) CXR				(V) Corresponding Scan Defect			(Q)			
	<25%	25-50%	51-75%	>75%	N	<	=	N	<	=	
	2) Opacity -----	F2X10E2I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E2V	(1)	(2)	(3)
3) Linear opacity -----	F2X10E3I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E3V	(1)	(2)	(3)	F2X10E3Q
4) Atelectasis -----	F2X10E4I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E4V	(1)	(2)	(3)	F2X10E4Q
5) Pleural abnormality --	F2X10E5I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E5V	(1)	(2)	(3)	F2X10E5Q
6) Lucencies -----	F2X10E6I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E6V	(1)	(2)	(3)	F2X10E6Q
7) Diffuse lung disease -	F2X10E7I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E7V	(1)	(2)	(3)	F2X10E7Q
8) Other, specify -----	F2X10E8I (2)	(3)	(4)	(1)	(2)	(3)	F2X10E8V	(1)	(2)	(3)	F2X10E8Q

9) No airspace disease on chest X ray ----- F2X10E9V (1) (2) (3) (4) (1) (2) (3) F2X10E9Q
<25% 25-50% 51-75% >75%

F. Right lower zone

1) No abnormalities ----- (1) F2X10F1

	(I) CXR				(V) Corresponding Scan Defect			(Q)			
	<25%	25-50%	51-75%	>75%	N	<	=	N	<	=	
	2) Opacity -----	F2X10F2I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F2V	(1)	(2)	(3)
3) Linear opacity -----	F2X10F3I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F3V	(1)	(2)	(3)	F2X10F3Q
4) Atelectasis -----	F2X10F4I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F4V	(1)	(2)	(3)	F2X10F4Q
5) Pleural abnormality --	F2X10F5I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F5V	(1)	(2)	(3)	F2X10F5Q
6) Lucencies -----	F2X10F6I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F6V	(1)	(2)	(3)	F2X10F6Q
7) Diffuse lung disease -	F2X10F7I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F7V	(1)	(2)	(3)	F2X10F7Q
8) Other, specify -----	F2X10F8I (2)	(3)	(4)	(1)	(2)	(3)	F2X10F8V	(1)	(2)	(3)	F2X10F8Q

9) No airspace disease on chest X ray ----- F2X10F9V (1) (2) (3) (4) (1) (2) (3) F2X10F9Q
<25% 25-50% 51-75% >75%

ID No.	1	2	3	4	5	6	7	8	9	0
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11. Segmental perfusion defects which are substantially larger than chest X ray and ventilation abnormalities.

None ----- (1)

Location	Number of Defects			
	1	2	3	4
A. LUL -----	(1)	(2)	(3)	(4)
B. Lingula -----	(1)	(2)	(3)	(4)
C. LLL -----	(1)	(2)	(3)	(4)
D. RUL -----	(1)	(2)	(3)	(4)
E. RML -----	(1)	(2)	(3)	(4)
F. RLL -----	(1)	(2)	(3)	(4)

PART V: Special Signs, Other Perfusion Defects and Probability

12. Findings (check all that apply):

None ----- (1)

If NONE, proceed to Item 13.

	Abnormality			Location			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
		LUL	Lingula	LLL	RUL	RML	RLL
A. Fissure sign -----	(1)	(1)	(1)	(1)	(1)	(1)	(1)
B. Stripe sign -----	(1)	(1)	(1)	(1)	(1)	(1)	(1)
C. Large spherical -----	(1)	(1)	(1)	(1)	(1)	(1)	(1)
D. Pulmonary infarct sign -----	(1)	(1)	(1)	(1)	(1)	(1)	(1)
E. Other, specify -----	(1)	(1)	(1)	(1)	(1)	(1)	(1)

13. Consensus reading probability for pulmonary embolism: _____%. F2X13

PART VI: Coordination

14. Checked for completeness and accuracy:

A. Certification number:

B. Signature:

C. Date:

____/____/____
 Month Day Year

ID No.							
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