



Participant ID #: Acrostic:

Technician ID: Date: / /
Month Day Year

Lung CT With Contrast Protocol: FORCE Completion Form

SECTION A: Screening

1. Did participant consent to the lung CT?

- Yes → **Continue**
- No → **STOP.** Do not perform any CT scan.
- Refused (after consenting) → **STOP.** Do not perform any CT scan.

2. Did participant consent to contrast?

- Yes → **Continue**
- No → **STOP.** Skip to Section C - Non-Contrast protocol.
- Refused → **STOP.** Skip to Section C - Non-Contrast protocol.

3. Did participant pass the Lung contrast screener?

- Yes → **Continue**
- No → **STOP.** Skip to Section C - Non-Contrast protocol.

4. Can the participant keep their arms above their head for the CT scan?

- Yes → **Continue**
- No → **STOP.** Skip to Section C - Non-Contrast protocol.

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5. Was eGFR test performed?

Yes



Pending



Wait for result

No (Not eligible for contrast if eGFR not done)



Date of creatinine measurement: / /
Month Day Year

Participant Age: Serum creatinine: .

Gender:
 Male Female

Race:

Using the following website: http://touchcalc.com/e_gfr
Enter the creatinine, age, gender, and race above to calculate the GFR:

Calculated GFR value:

If GFR \geq 60 → **Continue**
If GFR < 60 → **STOP. Skip to Section C Non-contrast protocol**

Indicate reason:

Refused
 No blood for test
 Ill
 Physically unable
 Other:

STOP. Skip to Section C - Non-Contrast protocol.

6. Are you able to administer contrast?

Yes → **Continue** to Section B contrast protocol

No → Indicate reason and then skip to Section C - Non-contrast protocol

Reason:

Unable to obtain IV

Pump malfunction

Other:

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SECTION B: Contrast CT Scanning Protocol (1 non-contrast scan and 1 contrast scan)

START OF SECTION B

Scan 1: Non-contrast CT at full-inspiration (TLC)

Scan performed:

No → Reason:

Yes → Actual DLP:

Is actual DLP more than 125 mGy*cm?

No → Continue to Scan 2

Yes → **Do not perform Scan 2. Skip to section C.**

Scan 2: Contrast CT at relaxed exhalation (FRC)

After scan length is set from topogram,
FRC estimated DLP:

Is estimated DLP more than 300 mGy*cm?

No → Perform scan

Yes → **Add FRC Estimated DLP to TLC Actual DLP**

Is sum of the two DLP more than 425 mGy*cm?

No → Perform scan

Yes → **Do not perform Scan 2. Skip to section C.**

Scan performed:

No → Reason:

Yes → Actual DLP:

Quality of performed scans:	Yes	No
Followed breathing instructions for all performed scans	<input type="radio"/>	<input type="radio"/>
Motion artifact on any performed scan	<input type="radio"/>	<input type="radio"/>
Inclusion of whole lung on all performed scans	<input type="radio"/>	<input type="radio"/>

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Alarm findings (e.g., large mass, large effusion):

- Yes → If yes, describe:
- No

Unexpected event:

- No
- Yes, specify:
 - Fainting episode
 - Allergic reaction suspected
 - Other:

END OF SCANNING. END OF STUDY. DO NOT COMPLETE SECTION C.

SECTION C: Non-Contrast CT Scanning Protocol (3 non-contrast scans)

START OF SECTION C

*Caution: **Do NOT** complete this section if participant performed ALL of Section B*

Was the non-contrast CT at full-inspiration (TLC) already performed during Contrast Protocol?

- No → Continue to Scan 1
- Yes → Actual DLP:

Is actual DLP more than 200 mGy*cm?

- No → Skip to Scan 2
- Yes → **DO NOT CONTINUE. END OF STUDY.**

Lung CT With Contrast

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Scan 1: Non-contrast CT at full-inspiration (TLC)

Scan performed:

No → Reason:

Yes → Actual DLP:

Is actual DLP more than 200 mGy*cm?

No → Continue to Scan 2

Yes → **DO NOT CONTINUE. END OF STUDY.**

Scan 2: Non-contrast CT at relaxed exhalation (FRC)

Scan performed:

No → Reason:

Yes → Actual DLP:

Is actual DLP more than 100 mGy*cm?

No → Continue to Scan 3

Yes → **DO NOT PERFORM SCAN 3. SKIP TO "QUALITY OF PERFORMED SCANS"**

Scan 3: Non-contrast CT at full-exhalation (RV)

Scan performed:

No → Reason:

Yes → Actual DLP:

Quality of performed scans:

	Yes	No
Followed breathing instructions for all performed scans	<input type="radio"/>	<input type="radio"/>
Motion artifact on any performed scan	<input type="radio"/>	<input type="radio"/>
Inclusion of whole lung on all performed scans	<input type="radio"/>	<input type="radio"/>

**Lung CT With Contrast
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Alarm findings (e.g., large mass, large effusion):

- Yes → If yes, describe:
- No

Unexpected event:

- No
- Yes, specify:
- Fainting episode
 - Other:

END OF SECTION C – DO NOT COMPLETE SECTION B