



INDUCED SPUTUM WORKSHEET

For post albuterol FEV₁ >50% Predicted

ID NUMBER:

FORM CODE: ISW
VERSION: 1.1 9/19/11

Visit Number

SEQ #

0a) Form Date:..... / /

0b) Initials

Instructions: This form should be completed during the participant's visit. Whenever numerical responses are required, enter the number so that the last digit appears in the rightmost box.

1) 10% fall from . is . - Continue at present concentration – do not increase saline concentration (use best post albuterol FEV₁ to calculate)

2) 20% fall from . is . (use best post albuterol FEV₁)
(Discontinue tests, give albuterol. Perform PFTs at 10 minutes post administration)

3) Was the participant given albuterol prior to sputum induction?.....
 Yes Y
 No..... N

3a) Was this a re-dosing (e.g., >165 minutes after initial bronchodilator dose for PFTs)?
 Yes Y
 No..... N

3b) How many puffs of albuterol was the participant given?

FEV₁

4)	Baseline #1	a)
5)	Baseline #2	a)
6)	Baseline #3	a)
7)	Baseline spirometry reviewed by:	
8)	Spirometry ok to continue? <input type="checkbox"/> Yes <input type="checkbox"/> No	
9)	10 min post albuterol trial #1	a)
10)	trial #2	a)
11)	trial #3	a)

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12)	2 min at 3% NaCl If FEV ₁ <20% drop, continue	a)
13)	7 min at 3% NaCl	a)
14)	First 7 minutes complete, continue induction?	<input type="checkbox"/> Yes <input type="checkbox"/> No → Go to Item 22
15)	If yes, % NaCl used: NOTE: If FEV ₁ <10% drop, then increase to 4% NaCl after sample collected. If FEV ₁ =11-19% then continue at 3% NaCl. If FEV ₁ >20% drop, then stop induction procedure.	<input type="checkbox"/> 3% NaCl <input type="checkbox"/> 4% NaCl
16)	2 min at 4% NaCl If FEV ₁ <20% drop, continue	a)
17)	7 min at 4% NaCl	a)
18)	Second 7 minutes complete, continue induction?	<input type="checkbox"/> Yes <input type="checkbox"/> No → Go to Item 22
19)	If yes, % NaCl used: NOTE: If you did not increase % NaCl in step 15, then continue at 3% unless FEV ₁ >20% drop. If you did increase NaCl to 4% and FEV ₁ <10% drop, then increase to 5%. If FEV ₁ =11-19% then continue at 4% NaCl. If FEV ₁ >20% drop, then stop induction procedure.	<input type="checkbox"/> 3% NaCl <input type="checkbox"/> 4% NaCl <input type="checkbox"/> 5% NaCl
20)	2 min at 5% NaCl If FEV ₁ <20% drop, continue	a)
21)	7 min at 5% NaCl Induction complete.	a)

Remind subject to rinse mouth and cheeks thoroughly, gargle - spit into sink.
Clear throat, scraping throat and roof of mouth - spit into sink. Blow nose – discard
Deep cough from chest and spit into sputum sample cup.
DO NOT HOCK OR SCRAPE when producing sample. Passively bring it past the throat into the cup!

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22) Was the participant able to produce sputum?

Yes Y
No N

23) Was the induction terminated early?

Yes Y
No N → **Go to 25**

24) Reason terminated early

FEV1 dropped >20% 1
Participant requested to stop 2
Other 3

Specify Other: _____

25) Did the participant require additional albuterol?

Yes Y
No N → **Go to End**

If participant's FEV1 dropped >20% from baseline and/or if a 2nd dose of albuterol was required, conduct a post-induction spirometry and record values here:

FEV₁

26)	Trial #1	
27)	Trial #2	
28)	Trial #3	

29) Note reason and time point obtained:
