



INDUCED SPUTUM WORKSHEET

For post albuterol FEV₁ <50% Predicted

ID NUMBER:

FORM CODE: ISP
VERSION: 1.0 10/26/10

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 . - use this value to determine if saline is to be increased to 3% after the first 7 min. (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)

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)

ID NUMBER:									
------------	--	--	--	--	--	--	--	--	--

FORM CODE: ISP
VERSION: 1.0 10/26/10

Visit Number		
-----------------	--	--

SEQ #			
-------	--	--	--

12)	1 min at 0.9% NaCl If FEV ₁ <20% drop, continue	a)
13)	2 min at 0.9% NaCl If FEV ₁ <20% drop, continue	a)
14)	5 min at 0.9% NaCl If FEV ₁ <20% drop, continue	a)
15)	7 min at 0.9% NaCl	a)
16)	First 7 minutes complete, continue induction?	<input type="checkbox"/> Yes <input type="checkbox"/> No → Go to Item 27
17)	If yes, % NaCl used: NOTE: If FEV ₁ <10% drop, then increase to 3% NaCl after sample collected. If FEV ₁ =11-19% then continue at .9% NaCl. If FEV ₁ >20% drop, then stop induction procedure.	<input type="checkbox"/> 0.9% NaCl <input type="checkbox"/> 3% NaCl
18)	1 min If FEV ₁ <20% drop, continue	a)
19)	2 min If FEV ₁ <20% drop, continue	a)
20)	5 min If FEV ₁ <20% drop, continue	a)
21)	7 min If FEV ₁ <20% drop, continue	a)
22)	Second 7 minutes complete, continue induction? NOTE: if continuing, use same saline concentration	<input type="checkbox"/> Yes <input type="checkbox"/> No → Go to Item 27
23)	1 min If FEV ₁ <20% drop, continue	a)
24)	2 min If FEV ₁ <20% drop, continue	a)
25)	5 min If FEV ₁ <20% drop, continue	a)
26)	7 min Third 7 minutes complete. Induction Complete.	a)

ID NUMBER:									
------------	--	--	--	--	--	--	--	--	--

FORM CODE: ISP
VERSION: 1.0 10/26/10

Visit Number		
-----------------	--	--

SEQ #			
-------	--	--	--

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!

27) Was the participant able to produce sputum?
Yes Y
No N

28) Was the induction terminated early?
Yes Y
No N → **Go to End**

29) Reason terminated early
FEV1 dropped >20% 1
Participant requested to stop 2
Other 3

Specify Other: _____

30) Did the participant require additional albuterol?
Yes Y
No N → **Go to Item 33**

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

31)	Trial #1	
32)	Trial #2	
33)	Trial #3	

34) Note reason and time point obtained:
