



CONWAY MEDICAL CENTER

PROCEDURE

When in hard copy form, refer to Policy Manager to validate this as the most current revision.

TITLE:	LAB-SPC-04.08 Nasopharyngeal Collections		
ISSUED BY:	Sr Tech Micro	REFERENCE #:	LAB-SPC-04.08-PRO
APPROVED BY:	Lab Director	EFFECTIVE DATE:	2008-08-11

SCOPE: All potential collectors of nasopharyngeal samples.

PRINCIPLE:

The mini-tipped flocked swab is a sterile, disposable transport device for transporting specimens from the patient to the laboratory. This swab is recommended for use in the collection of samples from the nasopharyngeal area to be tested for Influenzae A & B, RSV and Bordetella pertussis.

PROCEDURE:

I. Precautions:

- A. Observe aseptic technique and established precautions against microbiological hazards throughout all procedures. Discard contaminated materials into a biohazard receptacle.
- B. Proper labeling should accompany each specimen to the laboratory.
- C. The specimen should be intact, in the appropriate collection container.

II. **Storage:** Store at room temperature 15 to 30° C.

III. Materials Provided:

- A. One flocked swab on a flexible plastic shaft.
- B. One clear sterile dry plastic transport tube.
- C. M4 Viral Transport Media (used for Bordetella pertussis by PCR. Call the Microbiology Department EXT 8174 for this media)

IV. Directions:

- A. Remove applicator swab and collect specimen.
- B. Insert swab into one nostril.
- C. Press swab tip on the mucosal surface of the mid-inferior portion of the inferior turbinate (see sketch), and rub the swab tip several times across the mucosal surface to loosen and collect cellular material. Very gently slide tip of swab down to posterior pharynx. DO NOT FORCE. Try other side if resistance is met.
- D. Place applicator swab in transport tube.
- E. Place patient identification on the device.
- F. Write collection information on the label. (collector, time of collection)

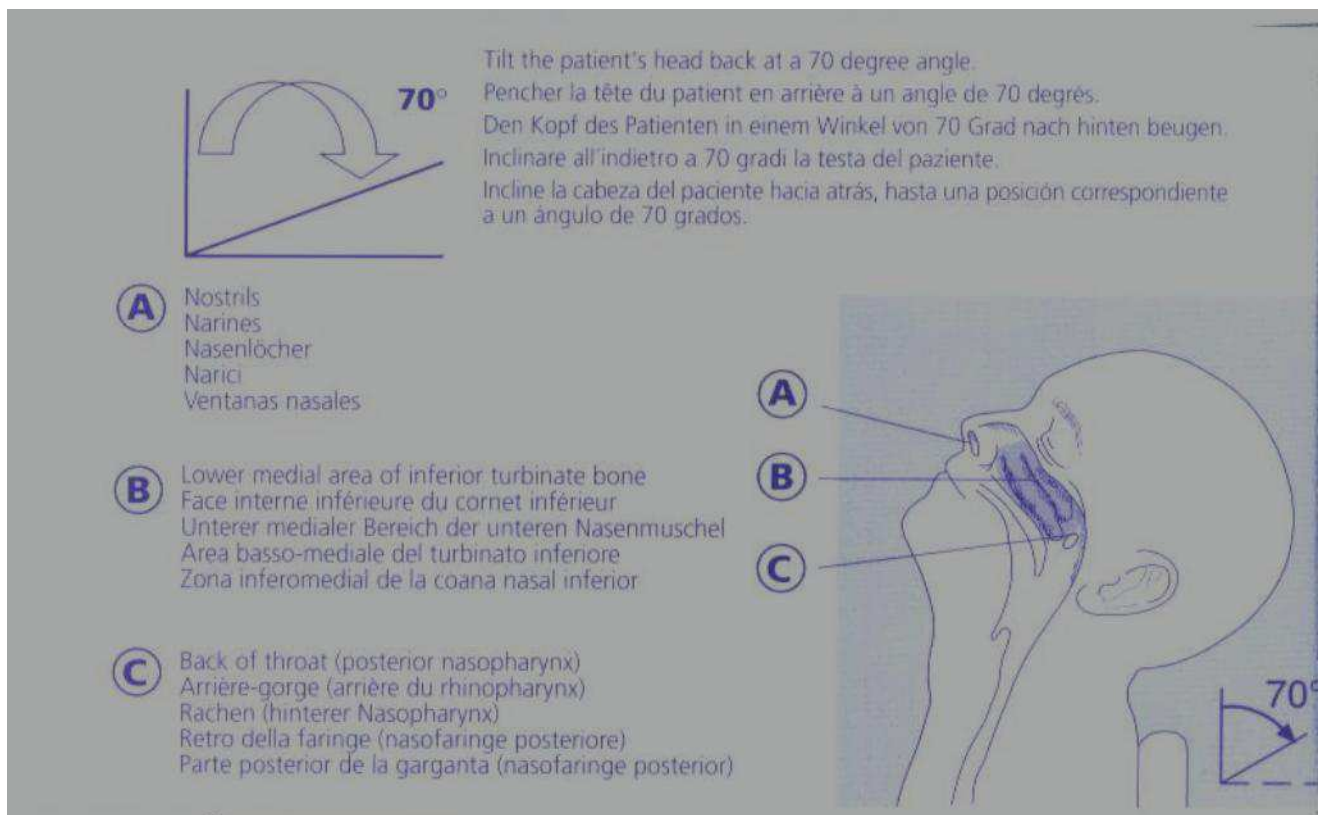
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- G. Send to laboratory immediately for processing.
- H. If both RSV and Flu A+B tests are ordered, one swab is acceptable.
- I.

Note:

1. For RSV and Flu A+B testing: the collection swab is placed into the clear plastic tube and sent to the Laboratory for processing. These swabs must reach the Microbiology Department within 15 minutes of collection.
2. For Bordetella Pertussis by PCR, the swab can be sent IMMEDIATELY to the Laboratory for processing or if the floor/ER has requested M4 Media, the swab for Bordetella pertussis may be broken off into the tube of M4 Media, properly labelled and sent to the Lab for processing.



REFERENCES:

1. Copanusa.com
2. BD Nasopharyngeal Specimen Collection Guide, 1994
3. Quidel Sofia Influenza A & B FIA package insert 1219104, revised 04/15
4. Quidel Sofia RSV FIA package insert 1255201, revised 09/14



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REFERENCE STANDARDS: CAP GEN.40000; GEN40016; GEN.40032; GEN.40050; GEN.40100

REVISION/REVIEW HISTORY:

Date	Affected Section(s)	Summary of Changes ('Reviewed' or details of change)
05/17/11mp	All	Review/revisions saved electronically in G drive. No changes
11/04/11 mp	Materials and Directions	Divided 4.8 so that FLU and RSV were separated into this new procedure as collection devices and media are different.
11/26/11 lds	Format	Changed to MCN format.
03/19/13mp	Format	Added LAB-SPC-04.08.01 to this procedure. newest MCN format. Updated references.
12/30/13kp	Section IV Reference	Removed requirement for ice and saline; updated reference
02/25/15mp	All	Reviewed. Updated pkg insert .No content changes.
03/14/17mp	ALL	Reviewed. Updated package insert Reference. No changes