

BALLARD™ MINI-BAL SAMPLING CATHETER


INSTRUCTIONS FOR USE

Ballard™ Mini-BAL safely samples a patient’s lower respiratory tract secretions to make an accurate lung infection diagnosis to prescribe targeted antibiotic treatment

PROCEDURE SHOULD BE PERFORMED SO AS TO MINIMIZE RISK OF CONTAMINATION OF THE SAMPLE, AND MAY NEED TO BE PERFORMED WITH ASEPTIC OR STERILE TECHNIQUE. FOLLOW HOSPITAL PROTOCOL. PROCEDURE MAY BE BEST PERFORMED WITH TWO PEOPLE.

1


GATHER SUPPLIES



- Dressing pack
- Blunt tip needle
- Two 50 mL syringes
- 100 mL sterile saline
- Specimen trap and label
- Mini-BAL sampling catheter (13 Fr or 16 Fr)

2


SET-UP



- Remove the tip protector from the Mini-BAL.
- Attach the suction adapter (christmas tree) to end of the 3-way stopcock.
- Draw 20-40 mL sterile saline, according to facility protocol, into each of the 2 syringes.
- Attach the specimen trap to the suction adapter.
- Attach the wall suction to the specimen trap.
- Attach the saline syringe to the 3-way stop-cock.
- Lay the dressing over the patient’s chest.

3

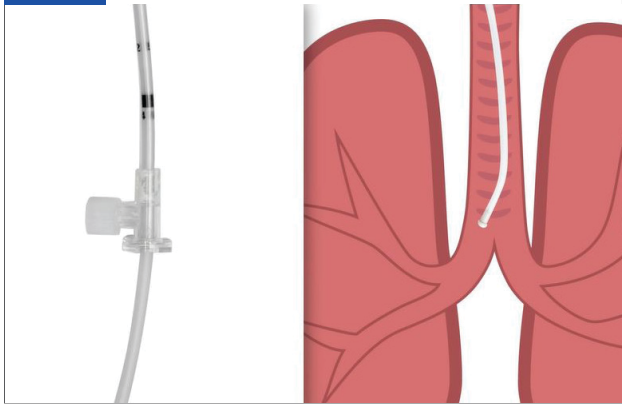
CONNECT ADAPTER



- Insert the catheter into the access port elbow.
- Extend the tip of the catheter 1.5 in (4 cm) past the adapter.
- Disconnect the vent circuit quickly attach the elbow adapter.
- Reattach the ventilator circuit.

4

POSITION CATHETER




- Position the directional tip catheter for the right or left lung by aligning the oxygen port with the correct side as you look at the head of the patient.

Example: If the oxygen port is oriented to the left, the catheter's directional tip will be positioned for the left main bronchus.

5


ADVANCE THE OUTER CATHETER



- Advance the outer catheter until the markings on the catheter match up with the number on the ET tube.
- Advance another 5 cm so the catheter is positioned in the left or right main stem of the bronchus.
- Clear the tip of the catheter by instilling 2 mL saline.

6


ADVANCE THE INNER CATHETER



- Hold the outer catheter in place and advance the inner catheter until resistance is met.
- Pull back slightly.
- Lock the catheter in place using the blue slide lock on the adapter.

7

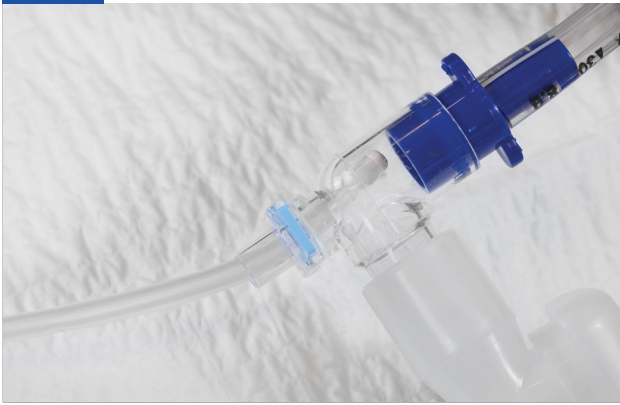
COLLECT SPUTUM SAMPLE



- Fully depress the syringe to irrigate the lung.
- Turn the stop-cock to the canister position to suction sputum into the specimen trap.
- Repeat with second saline syringe if more sputum is needed.

8


WITHDRAW CATHETER



- When the required amount of sputum has been collected:
 - Turn off the suction
 - Open the blue slide lock
 - Withdraw the Mini-BAL until the tip can be seen in the adapter. (Do not fully withdraw the catheter.)

6

COMPLETE PROCEDURE



- Detach the Mini-BAL and elbow adapter.
- Reconnect the ventilator.
- Disconnect the specimen trap from the suction adapter.
- Seal the specimen trap.
- Mark or label the specimen to be sent to the lab.
- Discard the catheter and syringes.