

# Mechanical Ventilation: Lung Mechanics of Resistance and Compliance Measurement (Respiratory Therapy)

## CHECKLIST

S = Satisfactory U = Unsatisfactory NP = Not Performed

Step	S	U	NP	Comments
Performed hand hygiene before patient contact.				
Introduced self to the patient.				
Verified the correct patient using two identifiers.				
Reviewed the patient's medical record for the practitioner's order, diagnosis, chest radiograph interpretation, precautions, and possible contraindications to performing the procedure.				
Assessed the patient's vital signs and oxygen saturation.				
If the patient's ventilator was set on a volume mode, assessed PIP for gradual or acute airway compliance changes.				
If the patient's ventilator was set on a pressure mode, assessed the VT for gradual or acute airway compliance changes.				
Performed hand hygiene and donned gloves.				
Explained the procedure to the patient and ensured that he or she agreed to the treatment.				
Assessed the patient's breath sounds.				
Suctioned the patient's airway.				
Measured $C_D$ .				
Found the $P_{plat}$ .				
Measured $C_S$ and $R_{aw}$ .				
Observed the patient for signs and symptoms of pain. If pain was suspected, reported it to the authorized practitioner.				
Removed gloves and performed hand hygiene.				
Documented the procedure in the patient's record.				

Learner: \_\_\_\_\_ Signature: \_\_\_\_\_

Evaluator: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_