

Bloom's Taxonomy: K = Knowledge; U = Understanding; Ap = Application; An = Analysis; S = Synthesis; E = Evaluation. NBRC Taxonomy: R = Recall, or knowledge; Ap = Application, which is a combination of Understanding and Application; An = Analysis, which is a combination of Analysis and Synthesis. Some evaluation questions may appear under NBRC heading Analysis.

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Anatomy of the Cardiopulmonary System (SUPPORTING CONTENT)	Introduce (Testing: K, U, Ap)	Introduce, Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Mathematics (SUPPORTING CONTENT)																
A. Review Existing Data in the Patient Record including	NBRC Exams: CRT Items = 6; RRT Items = 4. CRT Recall = 2; Application = 4; Analysis = 0 / RRT Recall - 0; Application = 1; Analysis = 3															
Patient History (e.g., present illness, admission notes, respiratory care orders, progress notes, diagnoses, DNR status) [CRT: R; RRT: Ap, An] I.A.1 on CRT and RRT		Introduce; Reinforce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: Ap)												
Medical Language (SUPPORTING CONTENT)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)	Reinforce (Testing: Ap)
Gas Laws (SUPPORTING CONTENT)	Reinforce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)		Reinforce (Testing: K, U, Ap)			Reinforce (Testing: K, U, Ap)		Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)		Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)	
Physical examination relative to the cardiopulmonary system (e.g., vital signs, physical findings) [CRT = R, Ap; RRT = An] I.A.2 on CRT and RRT		Reinforce (Testing: U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: Ap)												
Pulmonary function results [CRT = R; RRT = Ap, An] I.A.3 CRT only, I.A.4 on RRT	Introduce (Testing: K, U)			Reinforce (Testing: Ap)	Introduce, Reinforce (Testing: K, U, Ap)		Reinforce (Testing: U, Ap)			Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)		Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An, S, E)		Reinforce (Testing: Ap, An, S, E)
Lab data (e.g., CBC, Chemistries/electrolytes, coagulation studies, Gram-stain, culture and sensitivities, urinalysis, pleural fluid) [RRT Ap, An] I.A.3 on RRT					Introduce (Testing: K, U, Ap)		Reinforce (Testing: U, Ap, An)									

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Blood gas results [CRT = R; RRT = Ap, An] I.A.4 on CRT; I.A.5 on RRT	Introduce (Testing: K, U)	Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An, S)	Reinforce (Testing: U, Ap, An, S)	Reinforce (Testing: U, Ap, An, S)	Reinforce (Testing: U, Ap, An, S, E)	Reinforce (Testing: U, Ap, An, S, E)	Reinforce (Testing: U, Ap, An, S, E)	Reinforce (Testing: U, Ap, An, S, E)
Imaging studies (e.g., radiographic, CT, MRI, PET, V/Q scan, angiogram) [CRT = R; RRT = Ap, An] I.A.5 on CRT; I.A.6 on RRT					Introduce (Testing: K, U, Ap)		Introduce (Testing: K, U, Ap)									
Monitoring data I.A.6 on CRT; I.A.7 on RRT																
Pulmonary mechanics (e.g., MIP, VC) [CRT = R, Ap; RRT = An] I.A.6.a on CRT; I.A.7.a on RRT	Introduce (Testing: K, U)				Reinforce (Testing: K, U, Ap, An)			Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)
Respiratory monitoring (e.g., rate, VT, minute volume, I:E, inspiratory and expiratory pressures, airway graphics) [CRT = R, Ap; RRT = An] I.A.6.b on CRT; I.A.7.b on RRT	Introduce (Testing: K, U)		Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)				Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)
Pulmonary compliance, airways resistance, work of breathing [CRT = R, Ap; RRT = An] I.A.6.c on CRT; I.A.7.c on RRT	Introduce (Testing: K, U)															
Noninvasive monitoring (e.g., V _D /V _T , capnography, pulse oximetry, transcutaneous O ₂ /CO ₂) [CRT = R, Ap; RRT = An] I.A.6.d on CRT; I.A.7.d on RRT	Introduce (Testing: K, U)				Introduce, Reinforce (Testing: K, U, Ap, An)			Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: Ap, An, S)						
Maternal and perinatal/neonatal history and data (e.g., Apgar scores, gestational age, L:S ratio, pre/postductal oxygenation studies) [Not included on CRT exam; RRT = Ap, An] I.A.8 on RRT only											Introduce, Reinforce (Testing: K, U, Ap, An)					Reinforce (Testing: K, U, Ap, An)
B. Collect and Evaluate Additional Pertinent Clinical Information	NBRC Exams: CRT Items = 19; RRT Items = 14. CRT Recall = 5; Ap = 14; Analysis = 0 / RRT Recall = 2; Application = 4; Analysis = 8															
I.B.1 Assess patient's overall cardiopulmonary status by inspection to determine																

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
General appearance (e.g., muscle wasting, venous distention, peripheral edema, diaphoresis, clubbing, cyanosis, capillary refill, chest configuration, evidence of diaphragmatic movement) [CRT = R, Ap; RRT = An] I.B.1.a on CRT and RRT		Reinforce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Cough, amount and character of sputum [CRT = R, Ap; RRT = An] I.B.1.b on CRT and RRT		Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Transillumination of chest, Apgar score, gestational age [RRT = R, Ap, An] I.B.1.c RRT only											Introduce, Reinforce (Testing: K, U, Ap, An)					Reinforce (Testing: K, U, Ap, An)
I.B.2 Assess patient's overall cardiopulmonary status by palpation to determine																
Heart rate, rhythm, and force [CRT = R, Ap; RRT = An] I.B.2.a on CRT and RRT		Reinforce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Asymmetrical chest movements, tactile fremitus, crepitus, tenderness, secretions in the airway, tracheal deviation [CRT = R, Ap; RRT = An] I.B.1.b on CRT and RRT		Introduce, Reinforce (Testing: K, U, Ap)	Introduce, Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
I.B.3 Assess patient's overall cardiopulmonary status by auscultation to determine presence of																
Breath sounds (e.g., normal, abnormal) [CRT = R, Ap; RRT = An] I.B.3.a on CRT and RRT		Reinforce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)		Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)									
Heart sounds and rhythms (e.g., normal, abnormal) [CRT = R, Ap; RRT = An] I.B.3.b on CRT and RRT			Introduce [rhythm only] (Testing: K, U)	Reinforce [rhythm only] (Testing: K, U)												
Blood pressure [CRT = R, Ap; RRT = An] I.B.3.c on CRT and RRT			Introduce (Testing: K, U)	Reinforce (Testing: K, U)												

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I.B.4 Interview patient to determine																
Level of consciousness/sedation, orientation to time, place and person, emotional state, ability to cooperate, level of pain [CRT = R, Ap; RRT = An] I.B.4.a on CRT and RRT		Reinforce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)						Introduce [LOC and sedation] (Testing: K, U, Ap, An)	Reinforce within framework of age appropriate competency	Reinforce [LOC and sedation] (Testing: K, U, Ap, An)	Reinforce [LOC and sedation] (Testing: K, U, Ap, An)	Reinforce [LOC and sedation] (Testing: Ap, An, S, E)	Reinforce [LOC and sedation] (Testing: Ap, An, S, E)	Reinforce [LOC and sedation] (Testing: Ap, An, S, E)
Presence of dyspnea and/or orthopnea, work of breathing, sputum production, exercise tolerance and activities of daily living [CRT R, Ap; RRT An] I.B.4.b on CRT and RRT	Introduce WOB (Testing: K, U)		Introduce dyspnea and orthopnea (Testing K, U)	Reinforce WOB, dyspnea, orthopnea (Testing: K, U, Ap)												
Social history (e.g., smoking, substance abuse) [CRT - R, Ap; RRT = An] I.B.4 c on CRT and RRT		Introduce (Testing: K, U, Ap)														
Advance directives (e.g., DNR status) [CRT = R; RRT = Ap] I.B.4.d on CRT and RRT		Introduce (Testing: K, U)														
Assess patient's learning needs [CRT = R; RRT = Ap, An] I.B.5 on CRT and RRT			Introduce (Testing: K, U)													
I.B.6 Review chest radiograph to determine																
Position of endotracheal or tracheostomy tube [CRT R, Ap; RRT An] I.B.6.a on CRT; I.B.6 b on RRT					Introduce (Testing: K, U, Ap)				Reinforce (Testing: K, U, Ap)							
Quality of imaging (e.g., patient identification, positioning, exposure) [Not on CRT; RRT = R, Ap] I.B.6.a on RRT										Introduce (Testing: R, U)			Reinforce (Testing: Ap)	Reinforce (Testing: Ap)		Reinforce (Testing: Ap)
Presence of or change in pneumothorax or subcutaneous emphysema, other extrapulmonary air, consolidation and/or atelectasis, pulmonary infiltrates [CRT = R, Ap; RRT = An] I.B.6.b on CRT; I.B.6.c on RRT					Introduce (Testing: K, U, Ap)		Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)

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Position of chest tube(s), nasogastric and/or feeding tube, pulmonary artery catheter, pacemaker, and other catheters [Not on CRT; RRT = An] I.B.6.d on RRT										Introduce (Testing: K, U, Ap)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)
Presence and position of foreign bodies [CRT = R, Ap; RRT = An] I.B.6.c on CRT; I.B.6.e on RRT																
Position of or change in hemidiaphragms, hyperinflation, pleural fluid, pulmonary edema, mediastinal shift, patency and size of major airways [CRT = R, Ap; RRT = An] I.B.6.d on CRT; I.B.6.f on RRT																
I.B.7 Perform procedures including																
12-lead ECG [CRT = R; RRT = Ap] I.B.7.a on CRT and RRT																
Pulse oximetry, capnography [CRT = R, Ap; RRT = An] I.B.7.b on CRT and RRT			Introduce Pulse Ox (Testing: K, U, Ap)	Reinforce Pulse Ox (Testing: K, U, Ap)												
Tidal volume, minute volume, peak flow, vital capacity [CRT = R, Ap; RRT An] I.B.7.c on CRT and RRT	Introduce (Testing: K, U)	Introduce & Reinforce (Testing: K, U)	Introduce & Reinforce (Testing: K, U)	Reinforce (Testing: K, U, Ap)												
Bedside spirometry (e.g., FVC, FEV ₁) [CRT = R, Ap; RRT = An] I.B.7.d on CRT and RRT					Introduce				Reinforce							
Arterial sampling - percutaneous or line [CRT = R, Ap; RRT = An] I.B.7.e on CRT and RRT									Introduce							
Blood gas/hemoximetry analysis [CRT = R, Ap; RRT = An] I.B.7.f on CRT and RRT	Introduce ABG only															
Lung mechanics (e.g., MIP, MEP, pulmonary compliance, plateau pressure, airways resistance) [CRT = R, Ap; RRT = An] I.B.7.g on CRT and RRT	Introduce C, R _{aw} (Testing: K, U)	Reinforce MIP, MEP (Testing: K, U)	Introduce MIP, MEP (Testing: K, U)		Introduce P _{PLAT} ; Reinforce C, R _{aw} , MIP, MEP (Testing: K, U, Ap)				Introduce P _{PLAT} ; Reinforce C, R _{aw} , MIP, MEP (Testing: K, U, Ap)	Reinforce P _{PLAT} , C, R _{aw} , MIP, MEP (Testing: K, U, Ap)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An, S, E))	Reinforce (Testing: Ap, An, S, E))

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Ventilator pressure-volume and flow-volume loops [CRT = R, Ap; RRT = An] I.B.7.h on CRT and RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)
Apnea monitoring [CRT = R; RRT = Ap, An] I.B.7.i on CRT and RRT											Introduce (Testing: K, U, Ap, An)					Reinforce (Testing: K, U, Ap, An)
Overnight pulse oximetry [CRT = R, Ap; RRT = An] I.B.7.j on CRT and RRT																
Tracheal tube cuff pressure and/or volume [CRT = R; RRT = Ap] I.B.7.k on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)
Tracheal intubation [CRT = R, Ap; RRT = An] I.B.7.l on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)
Pulmonary function laboratory studies (e.g., flows, volumes, diffusion studies, pre- and post-bronchodilator) [CRT = R, Ap; RRT = An] I.B.7.m on CRT and RRT								Introduce (Testing: K, U, Ap)								
Auto-PEEP detection [Not on CRT; RRT = R, Ap, An] I.B.7.n RRT only																
I.B.8 Interpret procedure results including																
Transcutaneous O2/Co2 monitoring [Not on CRT; RRT = R, Ap, An] I.B.8.a RRT only											Introduce Testing: (K, U, AP)					
Pulse oximetry, capnography [CRT = R, Ap; RRT = An] I.B.8.a on CRT; I.B.8.b on RRT			Introduce Pulse Ox Testing: (K, U, AP)													
Tidal volume, minute volume, peak flow, vital capacity [CRT = R, Ap; RRT = An] I.B.8.b on CRT, I.B.8.c on RRT	Introduce (Testing: K, U)	Reinforce (Testing: K, U)	Reinforce (Testing: K, U)	Reinforce (Testing: K, U)	Reinforce (Testing: U, Ap)		Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)			Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)

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Bedside spirometry (e.g., FVC, FEV1) [CRT = R, Ap; RRT = An] I.B.8.c on CRT; I.B.8.d on RRT					Introduce (Testing: K, U, Ap)			Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)							
Blood gas/hemoximetry analysis [CRT = R, Ap; RRT = An] I.B.8.d on CRT; I.B.8.e on RRT	Introduce ABG only (Testing: R)	Reinforce (Testing: K, U)	Reinforce (Testing: K, U)	Reinforce (Testing: K, U)	Reinforce (Testing: U, Ap, An)		Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: U, Ap, An)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)	Reinforce (Testing: Ap, An, S, E)
Lung mechanics (e.g., MIP, MEP, pulmonary compliance, plateau pressure, airways resistance) [CRT = R, Ap; RRT = An] I.B.8.e on CRT; I.B.8.f on RRT																
Apnea monitoring [CRT = R, Ap; Not on RRT] I.B.8.f on CRT only																
Overnight pulse oximetry [CRT = R, Ap; RRT = An] I.B.8.g on CRT and RRT																
Tracheal tube cuff pressure and/or volume [CRT = R, Ap; RRT = An] I.B.8.h on CRT and RRT					Introduce (Testing: K, U, Ap)			Reinforce (Testing: U, Ap)	Reinforce (Testing: U, Ap)			Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)		Reinforce (Testing: Ap, An)	Reinforce (Testing: Ap, An)
Pulmonary function laboratory studies (e.g., flows, volumes, diffusion studies, pre- and post-bronchodilator) [CRT = R, Ap; RRT = An] I.B.8.i on CRT and RRT					Introduce (Testing: K, U, Ap)			Reinforce (Testing: K, U, Ap)								
Ventilator pressure-volume and flow-volume loops [CRT = R, Ap; RRT = An] I.B.8.j on CRT and RRT					Introduce (Testing: K, U, Ap)			Reinforce (Testing: K, U, Ap)								
Auto-PEEP [CRT = R, Ap; RRT = An] I.B.8.k on CRT and RRT																
Recommend blood gas analysis, pulse oximetry, transcutaneous O ₂ /CO ₂ monitoring to obtain additional data [CRT R, Ap; Not on RRT] I.B.9 on CRT only										Introduce (Testing: K, U, Ap)						
C. Recommend Procedures to Obtain Additional Data including	NBRC Exams: Not included on CRT exam. RRT items = 2. Recall = 0; Applicaton = 1; Analysis = 1															
Radiographic and other imaging studies [Not on CRT; RRT = Ap, An] I.C.1 on RRT only										Introduce (Testing: K, U, Ap)						

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Lung Mechanics (e.g., pulmonary compliance, airways resistance, work of breathing) [Not on CRT; RRT = Ap, An] I.C.2 on RRT only										Introduce (Testing: K, U, Ap)					
Blood gas analysis, pulse oximetry, transcutaneous O ₂ /CO ₂ monitoring [Not on CRT; RRT = An] I.C.3 on RRT only										Introduce (Testing: K, U, Ap)					
II. Equipment Application and Cleanliness															
A. Select, Assemble, Use and Troubleshoot Equipment, including	NBRC Items: CRT = 25; RRT = 15. CRT Recall = 10; Application = 15; Analysis = 0. RRT Recall = 2; Application = 4; Analysis = 9.														
II.A. 1 Oxygen administration devices															
Low-flow devices (e.g., nasal cannula) [CRT = R; RRT = Ap, An] II.A.1.a on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)											
High-flow devices (e.g., air entrainment mask) [CRT = R, Ap; RRT = An-] II.A.1.b on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)											
CPAP devices - mask, nasal, or bi-level (CRT = R, Ap; RRT - An) II.A.2 on CRT and RRT															
Humidifiers (e.g., bubble, passover, cascade, wick, heat moisture exchanger) [CRT = R, Ap; RRT = An] II.A.3 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)											
Pneumatic aerosol generator (nebulizer) [CRT = R; RRT = Ap, An] II.A.4 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)											
Resuscitation devices (e.g., manual resuscitator/bag-valve; mouth-to-valve mask resuscitator) [CRT - R, Ap; RRT = An] II.A.5 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)											
II.A.6 Ventilators															
Pneumatic, electric, fluidic, microprocessor [CRT = R, Ap; RRT = An] II.A.6.a on CRT and RRT															
Noninvasive positive pressure [CRT = R, Ap; RRT = An] II.A.6.b on CRT and RRT															

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
High-frequency [Not on CRT; RRT = R, Ap, An] II.A.6.c on Registry only																
II.A.7 Artificial airways																
Oro- and nasopharyngeal airways [CRT = R; RRT = Ap] II.A.7.a on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Endotracheal tubes [CRT = R, Ap; RRT = An] II.A.7.b on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Tracheostomy tubes and buttons [CRT = R, Ap; RRT = An] II.A.7.c on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Intubation equipment (e.g., laryngoscope and blades, fiberoptic devices, exhaled CO ₂ detection devices) [CRT = R, Ap; RRT = An] II.A.7.d on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Suctioning devices (e.g., suction catheters, specimen collectors, oropharyngeal suction devices) [CRT = R; RRT = Ap] II.A.8 on CRT and RRT			Introduce orol/pharn only (Testing: K, U, Ap)	Reinforce orol/pharn only (Testing: K, U, Ap)				Introduce (Testing: K, U, Ap)								
Gas cylinders, regulators, reducing valves, connectors and flowmeters, air/oxygen blenders (CRT = R) II.A.9 on CRT only			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
II.A.9. (RRT) Gas delivery, metering, and clinical analyzing devices																
Gas cylinders, regulators, reducing valves, connectors and flowmeters, air/oxygen blenders [RRT = Ap. An] II.A.9.a on RRT																
Oxygen concentrators, air compressors, portable liquid oxygen systems [Not on CRT; RRT = R, Ap] II.A.9.b on RRT only																
Point-of-care blood gas analyzers [CRT = R, Ap; Not on RRT] II.A.10 on CRT only																
II.A.11 on CRT; II.A.10 on RRT Patient breathing circuits																

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Continuous mechanical ventilation [CRT = R; RRT = Ap, An] II.A.11.a on CRT; II.A.10.a on RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
IPPB [CRT = R; RRT = Ap, An] II.A.11.b on CRT; II.A.10.b on RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
CPAP, PEEP valve assembly [CRT = R; RRT = An, Ap] II.A.11.c on CRT; II.A.10.c on RRT																
Non-invasive ventilation [CRT = R; RRT = Ap, An] II.A.11.d on CRT; II.A.10.d on RRT																
Aerosol (mist) tents [CRT = R; RRT = Ap] II.A.12 on CRT; II.A.11 on RRT																
Incentive breathing devices [CRT = R; RRT = Ap] II.A.13 on CRT; II.A.12 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Percussors and vibrators [CRT = R; RRT = Ap] II.A.14 on CRT; II.A.13 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Positive expiratory pressure (PEP) devices [CRT = R, Ap; Not on RRT] II.A.15 on CRT only			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Vibratory PEP (e.g., Flutter® mucous clearance devices [CRT R, Ap; Not on RRT] II.A.16 on CRT only			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Manometers (e.g., water, mercury, and aneroid) CRT = R; Not on RRT] II.A.17 on CRT only			Introduce (Testing: K)	Reinforce (Testing: K)												
Respiratometers (e.g., flow-sensing devices/pneumotachometer) [CRT = R, Ap; Not on RRT] II.A.18 on CRT only																
High Frequency Chest Wall Oscillation (HFCWO) (e.g., ThAIRapy Vest®) [CRT = Not included; RRT = R, Ap] II.A.14 on RRT only																

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
He/O ₂ therapeutic gas [Not on CRT; RRT = R, Ap, An] II.A.15 on RRT only																
ECG machines (12 lead) [CRT = R; RRT = Ap] II.A.19 on CRT; II.A.16 on RRT																
Vacuum systems (e.g., pumps, regulators, collection bottles, pleural drainage systems) [CRT = R, Ap; Not on RRT] II.A.20 on CRT only																
Arterial catheters [Not included on CRT; RRT = R, Ap, An] II.A.17 on RRT only																
Oximetry monitoring devices (e.g., pulse oximeter, transcutaneous) [CRT = R; RRT = Ap] II.A.21 on CRT; II.A.18 on RRT			Introduce Pulse Ox only <i>(Testing: K, U, Ap)</i>	Reinforce Pulse Ox only <i>(Testing: K, U, Ap)</i>							Introduce TC <i>(Testing: K, U, Ap)</i>					
Metered dose inhalers (MDI), MDI spacers [CRT = R; RRT = Ap] II.A.22 on CRT; II.A.19 on RRT			Introduce <i>(Testing: K, U, Ap)</i>	Reinforce <i>(Testing: K, U, Ap)</i>												
Dry powder inhalers [CRT = R; RRT = Ap] II.A.23 on CRT; II.A.20 on RRT			Introduce <i>(Testing: K, U, Ap)</i>	Reinforce <i>(Testing: K, U, Ap)</i>												
CO, He, O ₂ and speciality gas analyzer [Not included on CRT; RRT = R, Ap, An] II.A.21 on RRT only																
Bronchoscopes [Not included on CRT; RRT = R, Ap, An] II.A.22 on RRT only																
Spirometry screening equipment for bedside [CRT = R, Ap; Not included on RRT] II.A.24 on CRT only																
Select, assemble, and use speaking tubes and valves [Not included on CRT; RRT = R, Ap, An] II.A.23 on RRT only																
Troubleshoot speaking tubes and valves [CRT = R, Ap; RRT = An] II.A.25 on CRT; II.A.24 on RRT																
II.B. Ensure Infection Control	NBRC Items: CRT = 2; RRT = 1. CRT Recall = 2; Application = 0; Analysis = 0 / RRT Recall = 0; Application = 0; Analysis = 1.															

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Assure selected equipment cleanliness (e.g., select or determine appropriate agent and technique for disinfection and/or sterilization, perform procedures for disinfection and/or sterilization, perform procedures for disinfection and/or sterilization, monitor effectiveness of sterilization procedures) CRT = R; RRT = An] II.B.1 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Assure proper handling of biohazardous materials [CRT = R; RRT = An] II.A.B.2 on CRT and RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
II.C Perform Quality Control Procedures for	NBRC Items: CRT = 3; RRT = 2. CRT Recall = 1; Application = 2; Analysis = 0 / RRT Recall = 0; Application = 1; Analysis = 1															
Blood gas analyzers, co-oximeters, and sampling devices [CRT = R, Ap; RRT = An] II.C.1 on CRT and RRT																
Oxygen analyzers [CRT = R; RRT = Ap] II.C.2 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Mechanical ventilators [CRT = R; RRT = Ap, An] II.C.3 on CRT; II.C.4 on RRT																
Pulmonary function equipment [Not included on CRT; RRT = Ap, An] II.C.3 on RRT only																
Gas metering devices (e.g., flowmeter) [CRT = R; Not included on RRT] II.C.4 on CRT only			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Noninvasive monitors (e.g., transcutaneous) [Not included on CRT; RRT = Ap, An] II.C.5 on RRT only																
Recod and monitor QC data using accepted statistical methods [Not included on CRT; RRT = Ap] II.C.6 on RRT only																
III. Therapeutic Procedure Initiation and Modification																
A. Maintain records and communicate information	NBRC Exams: CRT Items = 7; RRT Items = 5. CRT Recall = 1; Application = 4; Analysis = 2 / RRT Recall = 0; Application = 1; Analysis = 4															

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
I. Record therapy and results using conventional terminology as required in the health care setting and/or by regulatory agencies [CRT ONLY]																
III.A.1.a Specify therapy administered, date, time, frequency of therapy, medication, and ventilatory data {CRT = R, Ap; Not included on RRT}			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
III.A.1.b Note and interpret patient's response to therapy including																
Effects of therapy, adverse reactions, patient's subjective and attitudinal response to therapy [CRT = R, Ap, An] III.A.1.b.1		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Auscultatory findings, cough and sputum production and characteristics [CRT = R, Ap] III.A.1.b.2		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Vital signs (e.g., heart rate, respiratory rate, blood pressure, body temperature, pain level) [CRT = R, Ap] III.A.1.b.3		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Pulse oximetry, heart rhythm, capnography [CRT = R, Ap] III.A.1.b.4		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
I. Record therapy and results using conventional terminology as required in the health care setting and/or by regulatory agencies by noting and interpreting patient's response to therapy including [RRT ONLY]																
Auscultatory findings, cough and sputum production and characteristics [RRT = An] III.A.1.a																
Vital signs (e.g., heart rate, respiratory rate, blood pressure, body temperature, pain level) [RRT = An] III.A.1.b																
Pulse oximetry, heart rhythm, capnography [RRT =An] III.A.1.c																

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Verify computations and note erroneous data [CRT = R, Ap; RRT = An] III.A.1.c on CRT; III.A.2 on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Communitie information [CRT ONLY]																
Regarding patient's clinical status to appropriate members of the health care team {CRT = R, Ap} III.A.2.a on CRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Relevant to coordinating patient care and discharge planning (e.g., scheduling, avoiding conflicts, sequencing of therapies) [CRT = R, Ap] III.A.2.b on CRT																
Communicate information relevant to coordinating patient care and discharge planning (e.g., scheduling, avoiding conflicts, sequencing of therapies) [RRT = An] III.A.3 on RRT only																
Apply computer technology to Document patient management [CRT = R; RRT = Ap] III.A.3.a on CRT; III.A.4.a on RRT				Introduce (Testing: K, U, Ap)												
Monitor workload assignments [CRT = R; RRT = Ap] III.A.3.b on CRT; III.A.4.b on RRT																
Communicate results of therapy and alter therapy per protocol(s). [CRT = R, Ap; RRT = An] III.A.4 on CRT; III.A.5 on RRT																
Explain planned therapy and goals to patient in understandable terms to achieve optimal therapeutic outcome [CRT = R, Ap; RRT = An] III.A.5 on CRT; III.A.6 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Counsel patient and family concerning smoking cessation and disease management education [CRT = R, Ap, An; Not included on RRT] III.A.6 CRT only																
B. Maintain a patent airway, including the care of artificioal airways	NBRC Exams: CRT Items = 5; RRT Exams = 6. CRT Recall = 1; Application = 2; Analysis = 2 / RRT Recall = 0; Application = 0; Analysis = 3															

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Properly position patient [CRT = R, Ap; Not included on RRT] III.B.1 for CRT only			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Insert oro- and nasopharyngeal airways [CRT = R, Ap; RRT = An] III.B.2 on CRT; III.B.1 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Perform endotracheal intubation [Not included on CRT; RRT = An] III.B.2 on RRT only								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Identify tube placement by available means [CRT = R, Ap, An] III.B.3 on CRT only								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Change tracheostomy tubes [CRT R, Ap, An; Not included on RRT] III.B.4 on CRT only												Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)			
Maintain																
Proper cuff inflation [CRT = R, Ap; RRT = An] III.B.5.a on CRT; III.B.3.a on RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Adequate humidification [CRT = R, Ap; RRT = An] III.B.5.b on CRT; III.B.4.b on RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Perform extubation procedure [CRT = R, Ap; RRT = An] III.B.6 on CRT; III.B.4 on RRT												Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)		Reinforce (Testing: Ap, An, S)	Reinforce (Testing: Ap, An, S)
C. Remove bronchopulmonary secretions	NBRC Exams: CRT Items = 3; RRT Items = 3. CRT Recall = 1; Application = 2; Analysis = 0 / RRT Recall = 0; Application = 0; Analysis = 3.															
Perform																
Postural drainage and percussion and/or vibration [CRT = R, Ap; RRT = An] III.C.1.a on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Nasotracheal suctioning [CRT = R, Ap; RRT = An] III.C.a.b on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Oropharyngeal suctioning [CRT = R, Ap; Not on RRT] III.C.1.c on CRT only			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Suction artificial airways [CRT = R, Ap; RRT = An] III.C.2 on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Administer aerosol therapy, administer prescribed agents (e.g., bronchodilators, corticosteroids, saline, mucolytics) [CRT = R, Ap; RRT = An] III.C.3 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Instruct and encourage bronchopulmonary hygiene techniques [CRT = R, Ap; RRT = An] III.C.4 on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
D. Achieve adequate respiratory support	NBRC Exams: CRT Items = 7; RRT Items = 6. CRT Recall = 1; Application = 4; Analysis = 2 / RRT Recall = 0; Application = 1; Analysis = 5															
1. Instruct in																
Proper breathing technique, encourage deep breathing, instruct and monitor techniques of incentive spirometry [CRT = R; RRT = Ap] III.D.1.a on CRT and RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Inspiratory muscle training techniques [CRT = R; RRT = Ap] III.D.1.b on CRT and RRT																
2. Initiate and adjust																
IPPB therapy [CRT = R, Ap; RRT = An] III.D.2.a on CRT and RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Continuous mechanical ventilation settings [CRT = R, Ap; RRT = An] III.D.2.b on CRT and RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Noninvasive ventilation [CRT = R, Ap; RRT = An] III.D.2.c on CRT and RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Elevated baseline pressure (e.g., CPAP, PEEP) [CRT = R, Ap; RRT = An] III.D.2.d on CRT and RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Combinations of ventilatory techniques (e.g., SIMV, PEEP, PS, PCV, IRV, inspiratory hold) [CRT = R, An; RRT = An] III.D.2.e on CRT and RRT																

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
3. Select ventilator graphics (e.g., waveforms, scales) [CRT = R; RRT = Ap, An] III.D.3 on CRT and RRT																
4. Administer																
Aerosolized drugs (e.g., bronchodilators, corticosteroids, mucolytics) [CRT = R, Ap; RRT = An] III.D.4.a on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An)	Reinforce (Testing: K, U, Ap, An, S)	Reinforce (Testing: K, U, Ap, An, S)	Reinforce (Testing: K, U, Ap, An, S)
Oxygen - on or off a ventilator [CRT = R, Ap; RRT = An] III.D.4.b on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Initiate and modify weaning procedures [CRT = R, Ap, An; Not included on RRT] III.D.5 on CRT only																
Position patient to minimize hypoxemia [CRT = R; RRT = Ap, An] III.D.6 on CRT; III.D.5 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Prevent procedure-associated hypoxemia (e.g., oxygenate before and after suctioning and equipment changes) [CRT = R, Ap; RRT = An] III.D.7 on CRT; III.D.6 on RRT																
Adhere to infection control policies and procedures (e.g, Standard Precautions) [CRT = R; RRT = Ap] III.D.8 on CRT; III.D.7 on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
E. Evaluate and monitor patient's objective and subjective responses to respiratory care	NBRC Exams: CRT Items = 9; RRT Items = 9. CRT Recall = 4; Application = 5; Analysis = 0 / RRT Recall = 1; Application = 1; Analysis = 7															
Recommend and review radiograph [CRT = R, Ap; RRT = An] III.E.1 on CRT and RRT																
Obtain a blood gas sample																
By puncture [CRT = R, Ap; RT = An] III.E.2.a on CRT and RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
From an arterial or pulmonary artery catheter [CRT = R, Ap; RRT = An] III.E.2.b on CRT and RRT											Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)				

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
From arterialized capillary blood [Not included on CRT; RRT = R, Ap, An] III.E.2.c on RRT only											Introduce (Testing: K, U, Ap, An)					
Perform																
Pulse oximetry [CRT = R, Ap; RRT = An] III.E.3.a on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Blood gas and co-oximetry analyses [CRT = R, Ap; RRT = An] III.E.3.b on CRT and RRT																
Capnography [CRT = R, Ap; RRT = An] III.E.3.c on CRT and RRT																
Interpret blood gas and co-oximetry results [CRT = R, Ap; RRT = An] III.E.4 on CRT and RRT	Introduce ABG only (Testing: K, U, Ap)															
Observe changes in sputum characteristics [CRT = R, Ap; RRT = An] III.E.5 on CRT and RRT				Introduce, Reinforce (Testing: K, U, Ap)												
Observe for signs of patient-ventilator dysynchrony [CRT = R, Ap; RRT = An] III.E.6 on CRT and RRT																
Measure and record vital signs, monitor cardiac rhythm, evaluate fluid balance - intake and output [Not included on CRT; RRT = R, Ap, An] III.E.7 on RRT only			Introduce VS only (Testing: K, U, Ap)	Reinforce VS only (Testing: K, U, Ap)												
Perform spirometry, determine vital capacity, measure pulmonary compliance and airways resistance, interpret airway graphics, measure peak flow [CRT = R, Ap; RRT = Analysis] III.E.7 on CRT; III.E.8 on RRT																

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Monitor mean airway pressure, adjust and check alarm systems, measure tidal volume, respiratory rate, airway pressures, I:E, and maximum inspiratory pressure [CRT = R, Ap; RRT = An] III.E.8 on CRT; III.E.9 on RRT																
Measure FIO2 and/or liter flow [CRT = R; RRT = Ap, An] III.E.9 on CRT; III.E.10 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Monitor endotracheal or tracheostomy tube cuff pressure [CRT = R, Ap; RRT = An] III.E.10 on CRT; III.E.11 on RRT								Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Auscultate chest and interpret changes in breath sounds [CRT = R, Ap; RRT = An] III.E.11 on CRT; III.E.12 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
F. Independently modify therapeutic procedures based on the patient's response / Independently modify treatment techniques based on the patient's response	NBRC Exams: CRT = 24; RRT = 11. CRT Recall = 2; Application = 4; Analysis = 19 / RRT Recall = 1; Application = 1; Analysis = 11															
Terminate treatment based on patient's response to therapy [CRT = R, Ap, An; Not included in RRT] III.F.1 on CRT only		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Modify treatment techniques including																
IPPB (e.g., volume, flow, pressure, FIO2, mouthpiece/mask) [CRT = R, Ap; RRT = An] III.F.2.a on CRT; III.F.1 on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Incentive breathing devices [CRT = R, Ap; RRT = An] III.F.2.b on CRT; III.F.2 on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Aerosol therapy																
Modify patient breathing patterns {CRT = R, Ap; RRT = An} III.F.2.c.1 on CRT; III.F.3.a on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Change type of equipment, change aerosol output [CRT = R, Ap; RRT = An] III.F.2.c.2 on CRT; III.F.3.b on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Change dilution of medication, adjust temperature of the aerosol [CRT = R, Ap; RRT = An] III.F.2.c.3 for CRT; III.F.3.c for RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)		Reinforce Change in med dilution (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)								
Oxygen therapy																
Change mode of administration, adjust flow, and F _I O ₂ [CRT = R, Ap; RRT = An] III.F.3.d.1 on CRT; III.F.4.a on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Set up or change an O ₂ blender [CRT = R, Ap; RRT = An] III.F.2.d.2 on CRT; III.F.4.b on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Set up an O ₂ concentrator or liquid O ₂ system [Not included on CRT; RRT = R, Ap, An] III.F.4.c on RRT only																
Specialty gas (e.g., He/O ₂ , NO) therapy (e.g., change mode of administration, adjust flow, adjust gas concentration [Not included on CRT; RRT = R, Ap, An] III.F.5 on RRT only																
Bronchial hygiene therapy (e.g., alter patient position and duration of treatment and techniques; coordinate sequence of therapies such as chest percussion, postural drainage, and PEP therapy) [CRT = R, Ap; RRT = An] III.F.2.e on CRT; III.F.6 on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Management of artificial airways																
Reposition or change endotracheal or tracheostomy tube [CRT = R, Ap, An; Not included on RRT] III.F.2.f.1 on CRT only					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Change type of humidification equipment [CRT = R, Ap; RRT = An] III.F.2.f.2 on CRT; III.F.7.a on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Initiate suctioning [CRT = R, Ap; RRT = An] III.F.2.f.3 on CRT; III.F.7.b on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Inflate and/or deflate the cuff [CRT = R, Ap; RRT = An] III.F.2.f.4 on CRT; III.F.7.c on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Perform tracheostomy care [CRT = R, Ap; RRT = An] III.F.2.f.5 on CRT; III.F.7.d on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Suctioning																
Alter frequency and duration of suctioning [CRT = R, Ap; RRT = An] III.F.2.g.1 on CRT; III.F.8.a on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Change size and type of catheter [CRT = R, Ap; RRT = An] III.F.2.g.2 on CRT; III.F.8.b on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Alter negative pressure [CRT = R; RRT = Ap, An] III.F.2.g.3 on CRT; III.F.8.c on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Instill irrigating solutions [CRT = R, Ap; RRT = An] III.F.2.g.4 on CRT; III.F.8.d on RRT					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Mechanical ventilation																
Improve patient synchrony (e.g., sensitivity, mode) [CRT = R, Ap, An; Not included on RRT] III.F.2.h.1 on CRT only					Introduce (Testing: K, U, Ap)			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)							
Enhance oxygenation (e.g., F _I O ₂ , PEEP/CPAP level, inspiratory time) [CRT = R, Ap, An; Not included on RRT] III.F.2.h.2 on CRT only																
Improve alveolar ventilation (e.g., tidal volume, rate) [CRT = R, Ap, An; Not included on RRT] III.F.2.h.3 on CRT only																
Adjust I:E settings [CRT = R, Ap, An; Not included on RRT] III.F.2.h.4 on CRT only																
Modify ventilator techniques (e.g., pressure support, pressure control) [CRT = R, Ap, An; Not included on RRT] III.F.2.h.5 on CRT only																

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Adjust noninvasive positive pressure ventilation [CRT = R, Ap, An; Not included on RRT] III.F.2.h.6 on CRT only																
Monitor and adjust alarm settings [CRT = R, Ap; RRT = An] III.F.2.h.7 on CRT; III.F.9.a on RRT																
Change mechanical dead space [Not included on CRT; RRT = R, Ap, An] III.F.9.b on RRT only																
Adjust ventilator settings based on ventilator graphics [CRT = R, Ap, An; Not included on RRT] III.F.2.h.8 on CRT only																
Change type of ventilator, change patient breathing circuitry [CRT = R, Ap, An; Not included on RRT] III.F.2.h.9 on CRT only																
Procedures for weaning from mechanical ventilation [CRT = R, Ap, An; Not included on RRT] III.F.2.i on CRT only																
G. Recommend modifications in the respiratory care plan based on the patient's response	NBRC Exams: CRT Items = 12; RRT Items = 12. CRT Recall = 1; Application = 9; Analysis = 2 / RRT Recall = 1; Application = 1; Analysis = 10															
Recommend																
Institution of bronchopulmonary hygiene procedures [CRT = R, Ap; RRT = An] III.G.1.a on CRT and RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Sedation and/or use of muscle relaxant(s) [CRT = R, Ap; RRT = An] III.G.1.b on CRT and RRT																
Insertion or change of artificial airway (e.g., endotracheal tube, LMA, tracheostomy) [CRT = R, Ap; RRT = An] III.G.1.c on CRT and RRT																
Procedures for weaning from mechanical ventilation [CRT = R, Ap; RRT = An] III.G.1.d on CRT and RRT																
Extubation [CRT = R, Ap, An; Not included on RRT] III.G.1.e on CRT only																

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Discontinuing treatment based on patient response [CRT = R, Ap; RRT = An] III.G.1.f on CRT; III.G.1.e on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Recommend changes in																
Patient position [CRT = R, Ap; RRT = An] III.G.2.a on CRT and RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Aerosol drug dosage or concentration [CRT = R, Ap; RRT = An] III.G.2.b on CRT and RRT																
F _I O ₂ and oxygen flow [CRT = R, Ap; RRT = An] III.G.2.c on CRT and RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Recommend changes in mechanical ventilation to																
Improve patient synchrony (e.g., sensitivity, mode) [CRT = R, Ap; RRT = An] III.G.3.a on CRT and RRT																
Enhance oxygenation (e.g., FIO ₂ , PEEP/CPAP level, inspiratory time) [CRT = R, Ap; RRT = An] III.G.3.b on CRT and RRT																
Improve alveolar ventilation (e.g., tidal volume, rate) [CRT = R, Ap; RRT = An] III.G.3.c on CRT and RRT																
Adjust I:E settings [CRT = R, Ap; RRT = An] III.G.3.d on CRT and RRT																
Modify ventilator techniques (e.g., pressure support, pressure control) [CRT = R, Ap; RRT = An] III.G.3.e on CRT and RRT																
Adjust noninvasive positive pressure ventilation [CRT = R, Ap; RRT = An] III.G.3.f on CRT and RRT																
Monitor and adjust alarm settings [CRT = R; RRT = Ap,An] III.G.3.g on CRT and RRT																

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Adjust ventilator settings based on ventilator graphics [CRT = R; RRT = Ap, An] III.G.3.h on CRT and RRT																
Change type of ventilator, change patient breathing circuitry [CRT = R, Ap; RRT = An] III.G.3.i on CRT and RRT																
Alter mechanical deadspace [CRT = R; RRT = Ap, An] III.G.3.j on CRT and RRT																
Modify ventilator settings to																
Eliminate auto-PEEP [CRT = R, Ap; RRT = An] III.G.3.k.1 on CRT and RRT																
Reduce plateau pressure [CRT = R, Ap; RRT = An] III.G.3.k.2 on CRT and RRT																
Recommend use of pharmacologic interventions including																
Bronchodilators (e.g., adrenergics, anticholinergics, theophyllines) [CRT = R, Ap; RRT = An] III.G.4.a on CRT and RRT																
Antiinflammatory drugs (e.g., leukotriene modifiers, corticosteroids, NSAID, cromolyn sodium) [CRT = R, Ap; RRT = An] III.G.4.b on CRT and RRT																
Mucolytics/proteolytics (e.g., acetylcysteine, RhDNase) [CRT = R, Ap; RRT = An] III.G.4.c on CRT and RRT																
Sedatives [CRT = R, Ap; RRT = An] III.G.4.d on CRT and RRT																
Analgesics [Not included on CRT; RRT = R, Ap, An] III.G.4.e on RRT only																
Diuretics [CRT = R, Ap; RRT = An] III.G.4.e on CRT; III.G.4.f on RRT																
Surfactants [Not included on CRT; RRT = R, Ap, An] III.G.4.g on RRT only																

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
H. Determine the appropriateness of the prescribed respiratory care plan and recommend modifications when indicated	NBRC Exams: CRT = 9; RRT = 5. CRT Recall = 1; Application = 3; Analysis = 5 / RRT Recall = 0; Application = 1; Analysis = 4															
Analyze available data to determine pathophysiological state [CRT = R, Ap, An; Not included on RRT] III.H.1 on CRT only																
Review																
Planned therapy to establish therapeutic plan [CRT = R, Ap; RRT = An] III.H.2.a on CRT; III.H.1.a on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Interdisciplinary patient and family plan [CRT = R, Ap; RRT = An] III.H.2.b on CRT; III.H.1.b on RRT		Introduce (Testing: K, U, Ap)	Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Determine appropriateness of prescribed therapy and goals for identified pathophysiological state [CRT = R, Ap, An; Not included on RRT] III.H.3 on CRT only																
Recommend changes in therapeutic plan when indicated based on data [CRT = R, Ap; RRT = An] III.H.4 on CRT; III.H.3 on RRT																
Perform respiratory care quality assurance [CRT = R; RRT = Ap] III.H.5 on CRT; III.H.3 on RRT																
Develop outcomes of																
Quality improvement programs [CRT = R, Ap; RRT = An] III.H.6.a on CRT; III.H.4.a on RRT																
Respiratory care protocols [CRT = R, Ap; RRT = An] III.H.6.b on CRT; III.H.4.b on RRT																
Monitor outcomes of																
Quality improvement programs [CRT = R, Ap; Not included on RRT] III.H.7.a on CRT only																
Respiratory care protocols [CRT = R, Ap; RRT = An] III.H.7.b on CRT; III.H.5 on RRT																

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	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Apply respiratory care protocols [CRT = R; RRT = Ap, An] III.H.8 on CRT; III.H.6 on RRT																
Conduct disease management education [Not included on CRT; RRT = Ap, An] III.H.7 on RRT only																
I. Initiate, conduct, or modify respiratory care techniques in an emergency setting	NBRC Exams: CRT Items = 4; RRT Items = 4. CRT Recall = 1; Application = 3; Analysis = 0 / RRT Recall = 0; Application = 1; Analysis = 3															
Treat cardiopulmonary collapse according to																
BCLS [CRT = R, Ap; RRT = An] III.I.1.a on CRT and RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
ACLS [CRT = R, Ap; RRT = An] III.I.1.b on CRT and RRT																
Pediatric Advanced Life Support (PALS) [CRT = R, Ap; RRT = An] III.I.1.c on CRT and RRT																
Neonatal Resuscitation Program (NRP) [CRT = R, Ap; RRT = An] III.I.1.d on CRT and RRT																
Treat tension pneumothorax [Not included on CRT; RRT = Ap, An] III.I.2 on RRT only																
Participate in																
Intra-hospital patient transport [CRT = R, Ap; RRT = An] III.I.2.a on CRT; III.I.3.b on RRT			Introduce (Testing: K, U, Ap)	Reinforce (Testing: K, U, Ap)												
Land/air patient transport outside the hospital [Not included on CRT; RRT = Ap, R] III.I.3.a on RRT only																
Disaster management [CRT = R, Ap; Not included on RRT] III.I.2.b on CRT only																
J. Act as an assistant to the physician performing special procedures including	NBRC Exams: CRT Items = 2; RRT Items = 2. CRT Recall = 1; Application = 1; Analysis = 0 / RRT Recall = 0; Application = 0; Analysis = 2															
Bronchoscopy [CRT = R, Ap; RRT = An] III.J.1 on CRT and RRT																
Cardioversion [CRT = R, Ap; Not included on RRT] III.J.2 on CRT only																
Intubation [CRT = R, Ap; RRT = An] III.J.3 on CRT and RRT																

CONTENT AREA (NBRC EXAMS) and Supporting Content not included on NBRC Exams	NECC RESPIRATORY CARE PROGRAM COURSE															
	RSC100 Cardio Phys	RSC101 Fund RC I	RSC111 Resp Mod I	RSC191 Clinical I	RSC102 Fund RC II	RSC103 Pharm	RSC104 Intro to Resp Disease	RSC112 Resp Mod II	RSC192 Clinical II	RSC201 Resp Crit Care I	RSC203 Neo/Pedi Resp Care	RSC211 Resp Mod III	RSC292 Clinical III	RSC202 Resp Crit Care II	RSC212 Resp Mod IV	RSC293 Clinical IV
Tracheostomy [Not included on CRT; RRT = An] III.J.2 on RRT only																
K. Initiate and conduct pulmonary rehabilitation and home care within the prescription	NBRC Exams: CRT Items = 2; RRT Items = 2. CRT Recall = 1; Application = 1; Analysis = 0 / RRT Recall = 0; Application = 0; Analysis = 2															
Explain planned therapy and goals to patient in understandable terms to achieve optimal therapeutic outcome [CRT = R, Ap; RRT = An] III.K.1 on CRT and RRT																
Educate patient and family in disease management [CRT = R, Ap; RRT = An] III.K.2 on CRT and RRT																
Counsel patient and family concerning smoking cessation [CRT = R, Ap; RRT = An] III.K.3 on CRT and RRT																
Instruct patient and family to assure safety and infection control [CRT - R, Ap; Not included on RRT] III.K.4 on CRT only																