



Northeastern
UNIVERSITY

AARC 2015 and Beyond Conferences: Outcomes and Recommendations – A Wakeup Call

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Master of Sciences in Respiratory Care

Leadership Program

Northeastern University

Boston, Massachusetts

Objectives

- Compare and contrast the outcomes of the three AARC 2015 and Beyond Conferences
- Discuss the challenges that recommendations of the third AARC 2015 Conference present to respiratory therapy educators and practitioners.

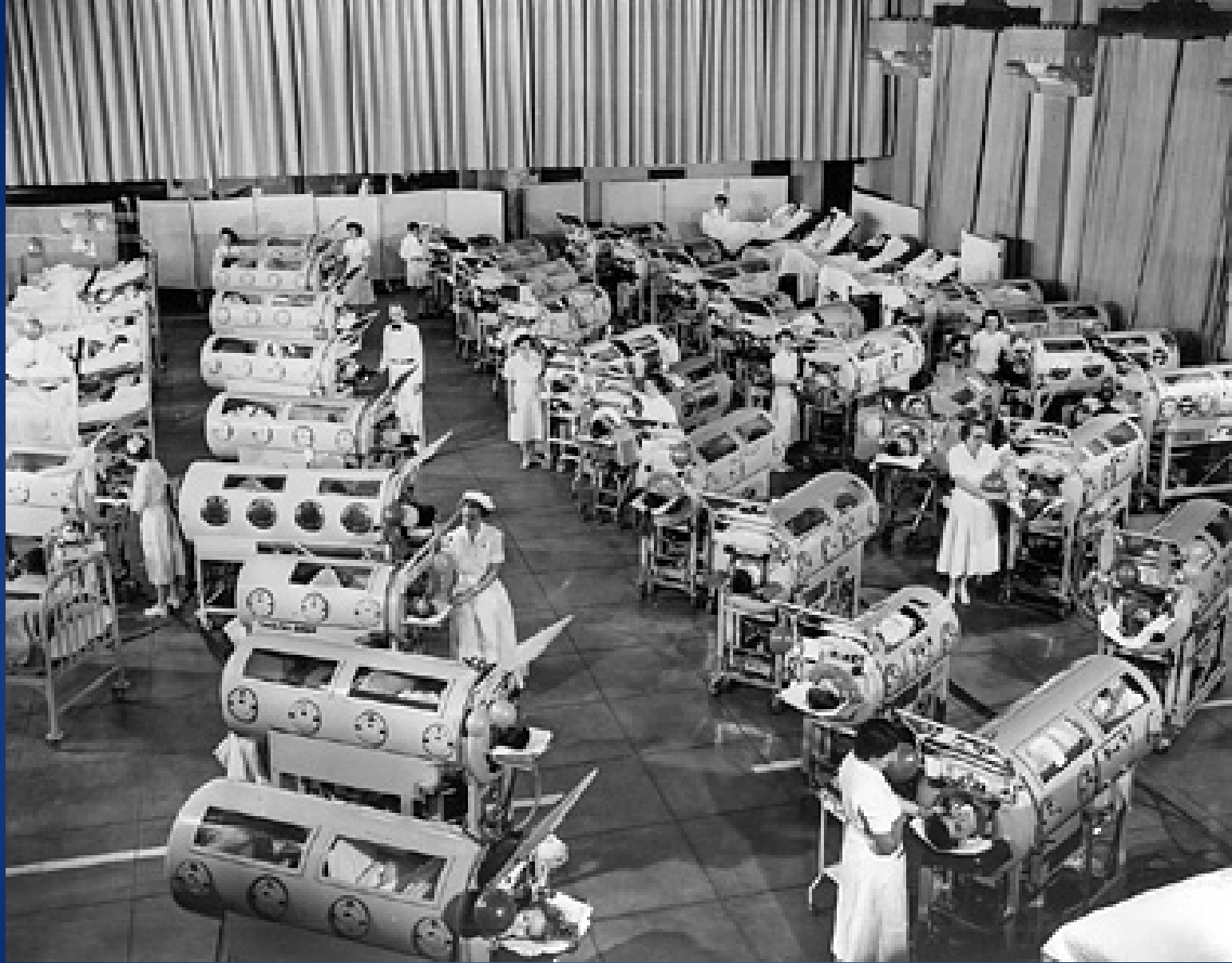
First Conference

Kacmarek, et al. Respir Care 2009;54(3):375–389

**Predicted Changes
in Health Care**

**Changes in the
Health Care
Workforce**

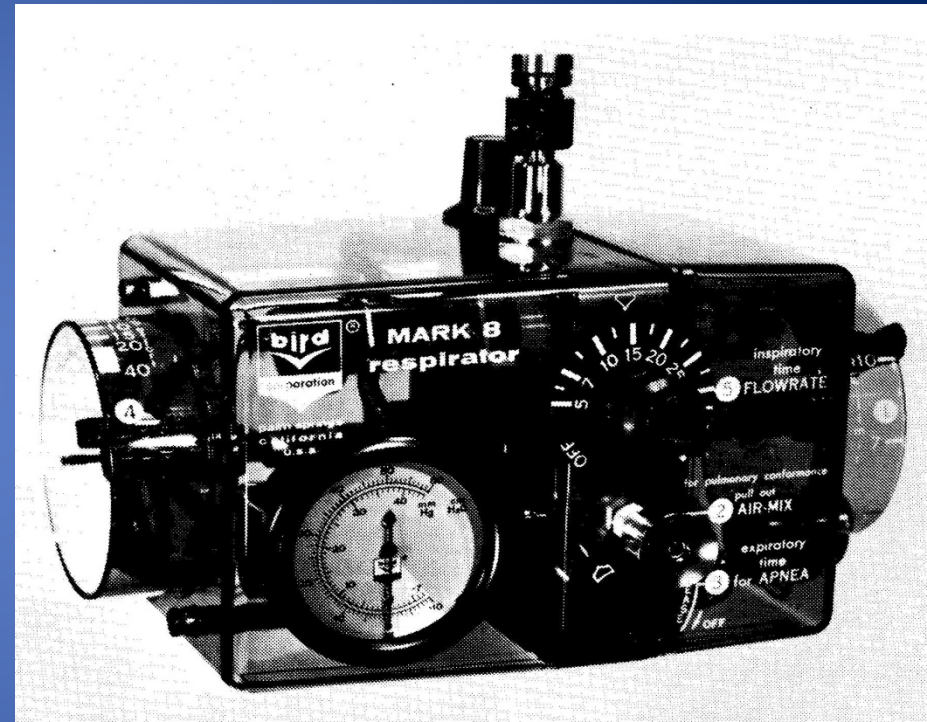
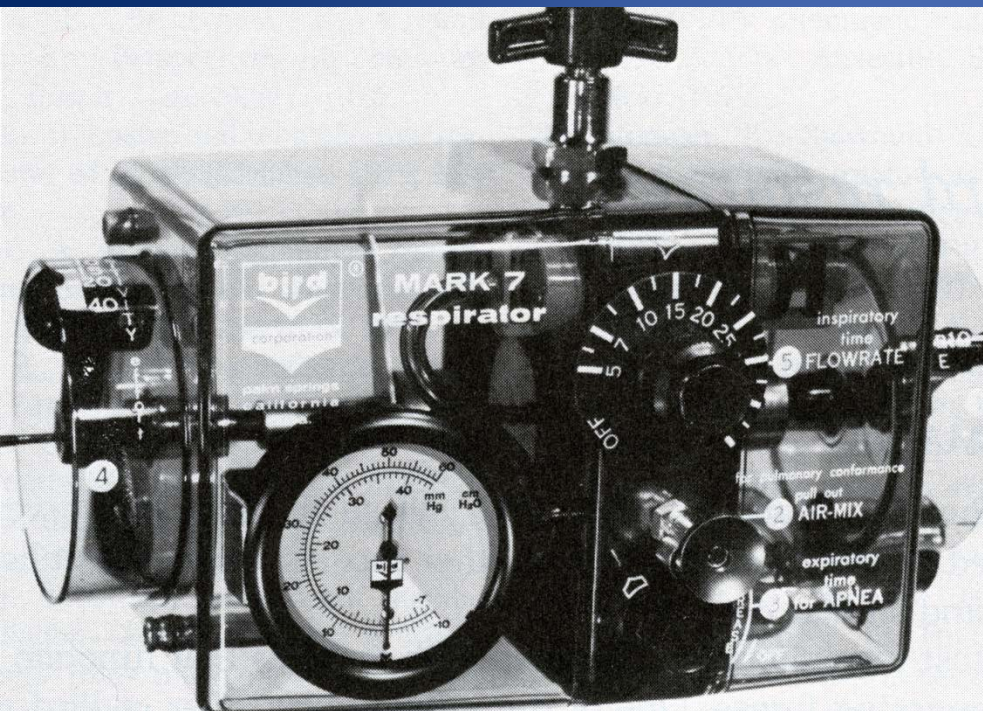
**Changes Expected
in Respiratory Care**



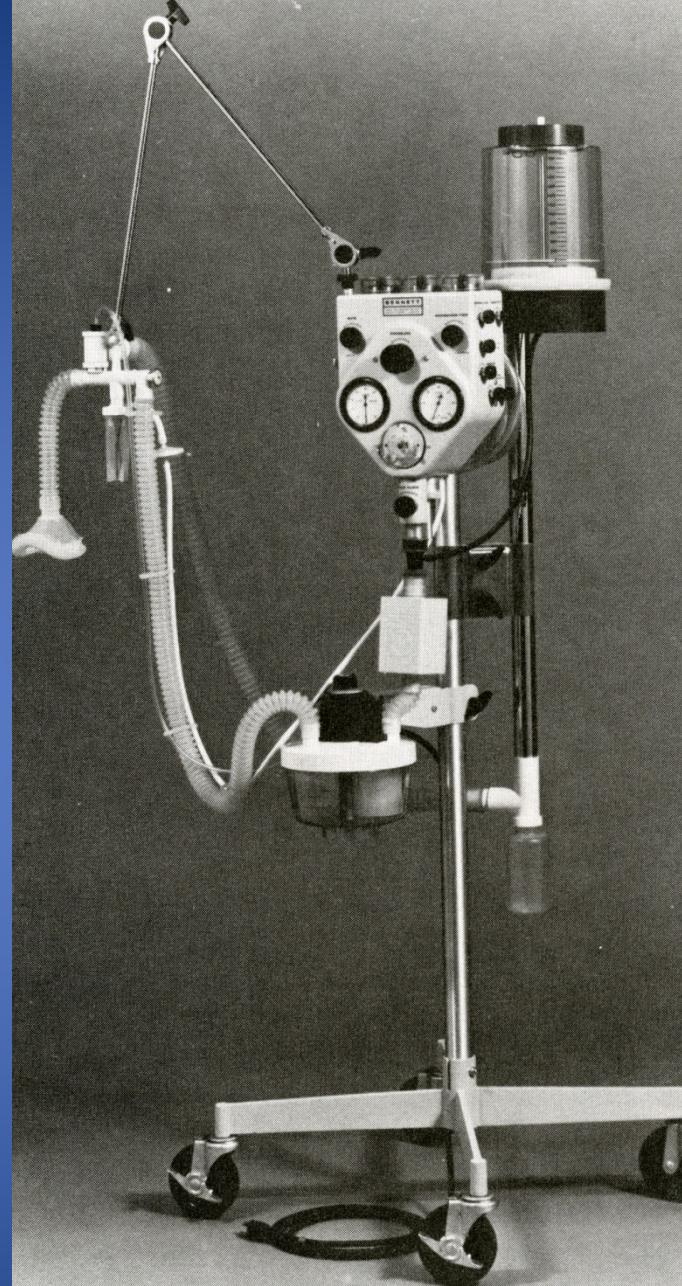
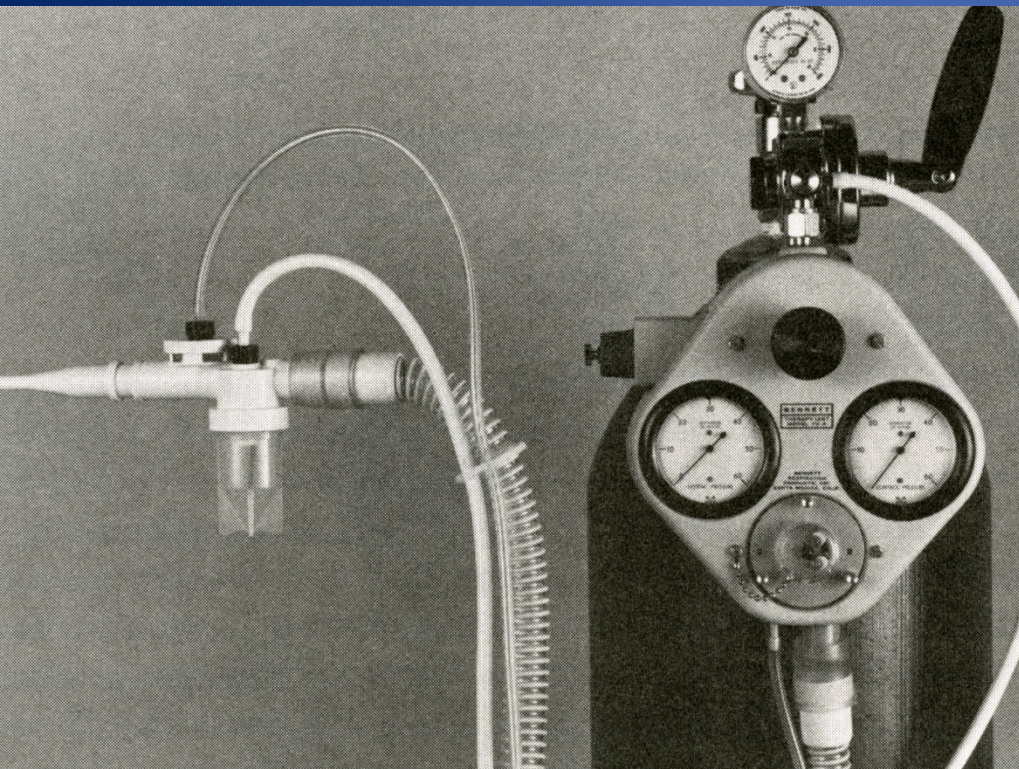
1953 Polio Epidemic Ranchos Los Amigos
Hospital California



Multiperson Negative Pressure Ventilator Boston Children's Hospital, 1950's



Bird Mark 7 and Mark 8



Puritan Bennett TV-2P and PR-2

The Role of the Respiratory Therapist in 1970!

- Technician (O₂ Technician)
- Setup and operation of basic equipment
- Delivery of aerosol therapy
- Provision of IPPB
- Assistance with ventilatory support
- Performance of diagnostic tests
- Resuscitation Code Calls

Role of the Respiratory Therapist Today

- Provider of basic respiratory care
- Ventilator management
- Delivery of aerosolized medication
- Transport of critically ill patients
- Extracorporeal life support
- Performance of diagnostic studies
- Patient education!
- Disease management!!
- Consultant on patient care!!!

Respiratory Care 2015 and Beyond!

- ICU - increased Technical and Clinical Sophistication, Expanded Monitoring
- Explosion of Aerosol Therapy Applications
- Genetic Based Aerosol Therapy
- Sleep, Transport, Extracorporeal Life Support
- Subacute Care, Physician Offices and at Home
- Disease Management, Patient and Staff Education, Team leadership

Clinical Application of Mechanical Ventilation

- Protocolized approaches to providing mechanical ventilation
- Modes of ventilation
- Integrated Monitoring Systems
- Diagnostic Algorithms

Protocolized Ventilation

- ARDSnet Protocol
- Recruitment Procedures
- Determination of Correct PEEP
- Ventilator management protocol for Asthma, COPD, Post-Op etc!

Closed Loop Ventilation-The Future

- Expect to see additional closed loop approaches!
- Approaches that manage both patients receiving assisted as well as controlled ventilation and during weaning!
- Ideal feedback should include:
 - Patient effort/ventilatory pattern
 - Hemodynamic response
 - Gas exchange
- The problem finding the correct algorithm!

Drivers of Change in Health Care

Cost of Care

Demographics

**Shift in Disease
Burden**

Technology

**Consumers of
Health Care**

Competencies Needed by Graduate Respiratory Therapists in 2015 and Beyond – Conference 2

- **How Healthcare Executive Decisions Impact the Workforce**
- **Graduate Respiratory Therapist Competencies Needed in 2015**
- **The Need for Delivery of Respiratory Therapy Via Protocol**
- **Respiratory Care Delivered to Critically Ill Patients by Respiratory Therapists**
- **Credentialing of Respiratory Therapists to Certify Competency**
- **Respiratory Therapy Accreditation to Assure Graduate Respiratory Therapist Competency**
- **The Transition From Graduate Therapist to Specialty Practice**

How Healthcare Executive Decisions Impact the Workforce

**The Perfect
Storm**

**Health Care
Financing
System Broken**

**Larger role as
adjuncts to
traditional
nursing functions**

**Case & Disease
Management**



Assume New Roles

**Rapid Response
Teams**

**Follow Patient
to Discharge**

**Improve Quality
and Lower Costs**

**Assume New
Responsibilities**

Eight Major Competency Areas

1. Diagnostics
2. Disease Management
3. Evidence-based Medicine and Respiratory Care Protocols
4. Patient Assessment
5. Leadership
6. Emergency Care
7. Critical Care
8. Therapeutics

Table 2. Competency Area I: Diagnostics*

Descriptor	Definition
A. Pulmonary Function Technology	<ol style="list-style-type: none"> 1. Perform basic spirometry, including adequate coaching, recognition of improperly performed maneuvers, corrective actions, and interpretation of test results. 2. Compare and evaluate indications and contraindications for advanced pulmonary function tests (plethysmography, diffusion capacity, esophageal pressure, metabolic testing, and diaphragm stimulation) and be able to recognize normal/abnormal results.
B. Sleep	<ol style="list-style-type: none"> 1. Compare and evaluate the indications and contraindications for sleep studies. 2. Understand results in relation to types of respiratory sleep disorders.
C. Invasive Diagnostic Procedures	<ol style="list-style-type: none"> 1. Explain the indications and contraindications, and general hazards and complications of bronchoscopy. 2. Describe the bronchoscopy procedure and describe the respiratory therapist's role in assisting the physician. 3. Monitor and evaluate the patient's clinical condition with pulse oximetry, electrocardiogram, exhaled gas analysis, and other related diagnostic devices. 4. Perform arterial puncture and sampling and blood analysis.

* Upon entry into the workforce, a graduate respiratory therapist must possess all of these competencies.

Chronic and Acute Disease Management

Table 3. Competency Area II: Disease Management*

Descriptor	Definition
A. Chronic Disease Management	<ol style="list-style-type: none"> 1. Understand the etiology, anatomy, pathophysiology, diagnosis, and treatment of cardiopulmonary diseases (eg, asthma, chronic obstructive pulmonary disease) and comorbidities. 2. Communicate and educate to empower and engage patients. 3. Develop, administer, and re-evaluate the care plan: <ol style="list-style-type: none"> a. Establish specific desired goals and objectives. b. Evaluate the patient. c. Apply a working knowledge of the pharmacology of all organ systems. d. Provide psychosocial, emotional, physical, and spiritual care. e. Education on nutrition, exercise, wellness. f. Environmental assessment and modification. g. Monitoring and follow-up evaluation. h. Development of action plans. i. Apply evidence-based medicine, protocols, and clinical practice guidelines. j. Monitor adherence through patient collaboration and empowerment, including proper and effective device and medication utilization. k. Implement and integrate appropriate patient-education materials and tools. <ol style="list-style-type: none"> l. Utilize appropriate diagnostic and monitoring tools. m. Document and monitor outcomes (economic, quality, safety, patient satisfaction). n. Communicate, collaborate, and coordinate with physicians, nurses, and other clinicians. o. Assess, implement, and enable patient resources support system (family, services, equipment, personnel). p. Ensure financial/economic support of plan/program and related documentation.
B. Acute Disease Management	<ol style="list-style-type: none"> 1. Develop, administer, evaluate, and modify respiratory care plans in the acute-care setting, using evidence-based medicine, protocols, and clinical practice guidelines. 2. Incorporate the patient/therapist participation principles listed in chronic disease management (see IIA.).

* Upon entry into the workforce, a graduate respiratory therapist must possess all of these competencies.

Table 4. Competency Area III: Evidence-Based Medicine and Respiratory Care Protocols*

Descriptor	Definition
A. Evidence-Based Medicine	<ol style="list-style-type: none"><li data-bbox="707 394 1611 439">1. Review and critique published research.<li data-bbox="707 465 1644 572">2. Explain the meaning of general statistical tests.<li data-bbox="707 598 1663 711">3. Apply evidence-based medicine to clinical practice.
B. Respiratory Care Protocols	<ol style="list-style-type: none"><li data-bbox="707 736 1696 915">1. Explain the use of evidence-based medicine in the development and application of hospital-based respiratory care protocols.<li data-bbox="707 941 1644 1106">2. Evaluate and treat patients in a variety of settings, using the appropriate respiratory care protocols.

* Upon entry into the workforce, a graduate respiratory therapist must possess all of these competencies.

Table 5. Competency Area IV: Patient Assessment*

Descriptor	Definition
A. Patient Assessment	<ol style="list-style-type: none"> 1. Complete the assessment through direct contact, chart review, and other means as appropriate, and share the information with healthcare team members. 2. Obtain medical, surgical, and family history. 3. Obtain social, behavioral, and occupational history, and other historical information incident to the purpose of the current complaint.
B. Diagnostic Data	<ol style="list-style-type: none"> 1. Review and interpret pulmonary function studies (spirometry). 2. Review and interpret lung volumes and diffusion studies. 3. Review and interpret arterial blood gases, electrolytes, complete blood cell count, and related laboratory tests.
C. Physical Examination	<ol style="list-style-type: none"> 1. Inspect the chest and extremities to detect deformation, cyanosis, edema, clubbing, and other anomalies. 2. Measure vital signs (blood pressure, heart rate, respiratory rate). 3. Evaluate patient breathing effort, ventilatory pattern, and use of accessory muscles. 4. Measure and document oxygen saturation with oximetry under all appropriate conditions (with or without oxygen at rest and during sleep, ambulation, and exercise).

* Upon entry into the workforce, a graduate respiratory therapist must possess all of these competencies.

Table 6. Competency Area V: Leadership*

Descriptor	Definition
A. Team Member	Understand the role of being a contributing member of organizational teams as it relates to planning, collaborative decision making, and other team functions.
B. Healthcare Regulatory Systems	Understand fundamental/basic organizational implications of regulatory requirements on the healthcare system.
C. Written and Verbal Communication	Demonstrate effective written and verbal communication with various members of the healthcare team, patients, families, and others (cultural competence and literacy).
D. Healthcare Finance	Demonstrate basic knowledge of health-care and financial reimbursement systems and the need to reduce the cost of delivering respiratory care.
E. Team Leader	Understand the role of team leader: specifically, how to lead groups in care planning, bedside decision making, and collaboration with other healthcare professionals.

* Upon entry into the workforce, a graduate respiratory therapist must possess all of these competencies.

Competency Area VI Emergency Care

1. Perform BLS, ACLS, PALS, NRP
2. Maintain Current AHA certificates in BLS and ACLS
3. Perform Endotracheal Intubation
4. Perform as a member of a RRT Team
5. Participate in mass-casualty staffing to provide airway management, manual and mechanical ventilatory life support, medical gas administration, aerosol delivery of bronchodilators and other agents in the resuscitation of respiratory and cardiovascular failure.
6. Provide intra-hospital Transport of critically and chronically ill Patients
7. Apply knowledge of emergency pharmacology and demonstrate ability to recommend use of pharmacotherapy.

Competency Area VI B Critical Care

1. Apply to practice knowledge, understanding, and analysis of invasive and noninvasive mechanical ventilators.
2. Apply to practice all ventilation modes currently available on all invasive and noninvasive mechanical ventilators.
3. Interpret ventilator data and hemodynamic monitoring data, and calibrate monitoring devices.
4. Manage airway devices and sophisticated monitoring systems.
5. Make treatment recommendations based on waveform graphics, pulmonary mechanics, and related imaging studies.

Competency Area VI B Critical Care

6. Apply knowledge, understanding, and analysis of use of therapeutic medical gases in the treatment of critically ill patients.
7. **Apply knowledge and understanding of circulatory gas exchange devices to respiratory therapy practice.**
8. Participate in collaborative care management based on evidence-based protocols.
9. Deliver therapeutic interventions based on protocol.
10. Integrate the delivery of basic and/or advanced therapies in conjunction with or without the mechanical ventilator in the care of critically ill patients.
11. Make recommendations and provide treatment to critically ill patients based on pathophysiology.
12. Recommend cardiovascular drugs based on knowledge and understanding of pharmacologic action.
13. Use electronic data systems in practice.

Table 8. Competency Area VII: Therapeutics*†

Descriptor	Definition
A. Assessment of Need for Therapy	<p>Assess the need for therapies in all patient settings (acute, non-acute):</p> <ol style="list-style-type: none"> 1. Medical gas therapy 2. Humidity therapy 3. Aerosol therapy 4. Hyperinflation therapy 5. Bronchial hygiene therapy 6. Airway management 7. Mechanical ventilation
B. Assessment Prior to Therapy	<ol style="list-style-type: none"> 1. Review order or implement protocol. 2. Review patient history, laboratory results, imaging data. 3. Determine indications for therapy. 4. Interview and conduct physical examination of patient. 5. Determine appropriateness of order. 6. Determine need for physician communication.
C. Administration of Therapy	<ol style="list-style-type: none"> 1. Select and assemble equipment. 2. Apply and administer therapy. 3. Educate and instruct patient. 4. Recognize and rectify equipment malfunction (troubleshooting). 5. Maintain infection control.
D. Evaluation of Therapy	<ol style="list-style-type: none"> 1. Recognize complications and adverse affects. 2. Respond to complications. 3. Recommend therapy modifications. 4. Assess therapy effectiveness. 5. Document therapy.

* Upon entry into the workforce, a graduate respiratory therapist must possess all of these competencies.

Survey of Respiratory Therapy Education Program Directors in the United States

Thomas A Barnes EdD RRT FAARC, Robert M Kacmarek PhD RRT FAARC,
and Charles G Durbin Jr MD FAARC

OBJECTIVE: As background for the American Association for Respiratory Care (AARC) third 2015 and Beyond conference, we sought information and opinions on the ability of the current respiratory therapy education infrastructure to make changes that would assure competent respiratory therapists in the envisioned healthcare future. **METHODS:** After pilot testing and refining the questions, we invited the directors of 435 respiratory therapy programs (based in 411 colleges) that were fully accredited or in the process of being accredited by the Commission on Accreditation for Respiratory Care as of May, 2010, to participate in the survey. **RESULTS:** Three-hundred forty-eight program directors (80%) provided valid survey responses. Three of the 5 competencies related to evidence-based medicine and respiratory care protocols were taught less often in the associate-degree programs than in the baccalaureate-degree programs. Eighty percent of the baccalaureate-degree programs, compared to 42% of the associate-degree programs, instruct students how to critique published research ($P < .001$). Only 34% of the associate-degree programs teach students the general meaning of statistical tests, compared to 78% of the baccalaureate-degree programs ($P < .001$). Ninety-four percent of the baccalaureate-degree programs, versus 81% of the associate-degree programs, teach the students to apply evidence-based medicine to clinical practice ($P = .01$). Teaching students how to describe healthcare and financial reimbursement systems and the need to reduce the cost of delivering respiratory care (a leadership competency identified by the second 2015 and Beyond conference) was significantly more common in the baccalaureate-degree programs (72%) than in the associate-degree programs (56%) ($P = .03$). Other competencies showed trends toward differences, and the baccalaureate-degree programs reported higher percentages of success than the associate-degree programs. **CONCLUSIONS:** There are important differences between the baccalaureate-degree and associate-degree programs. *Key words: respiratory care; respiratory therapist; survey; education; credentials; accreditation.* [Respir Care 2011;56(12): 1906–1915. © 2011 Daedalus Enterprises]

Institutional Control

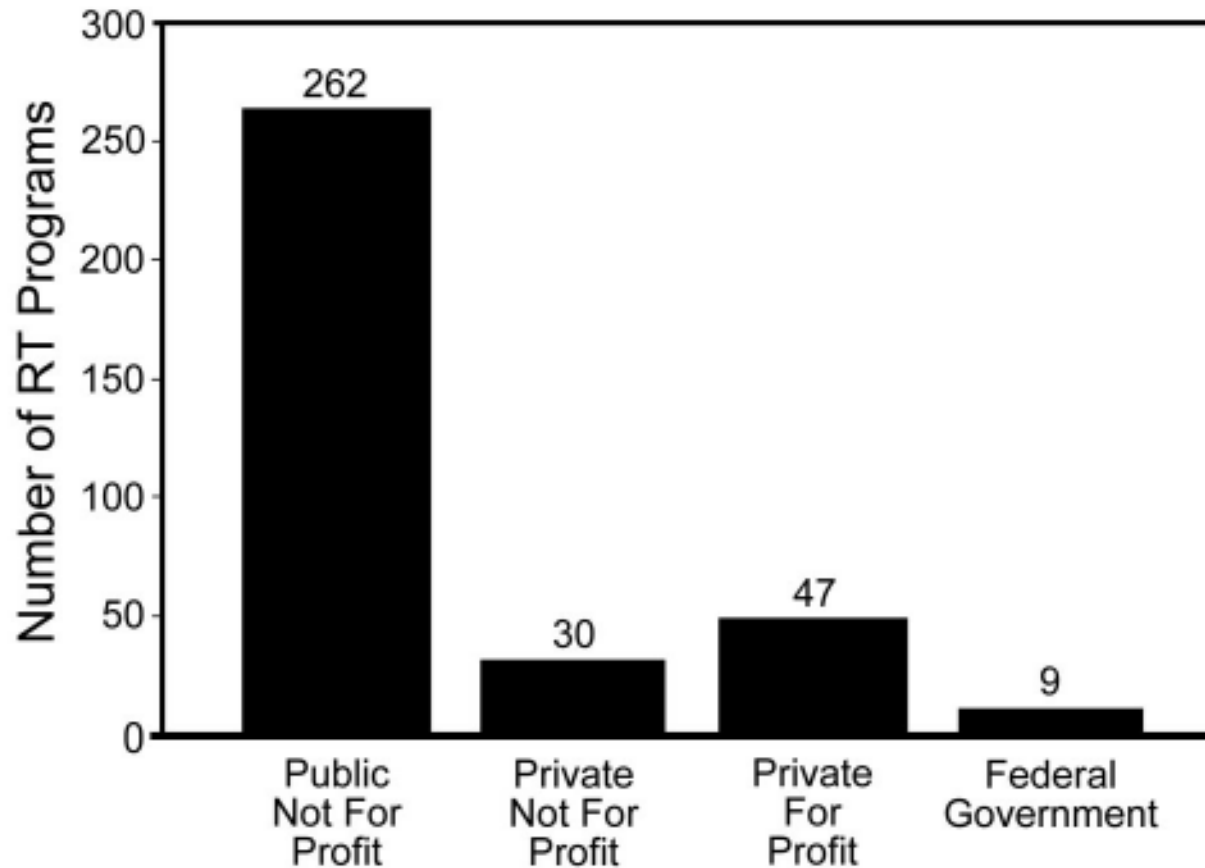


Fig. 1. Institutional control of 348 respiratory therapy education programs, according to the program directors.

Type of Institution

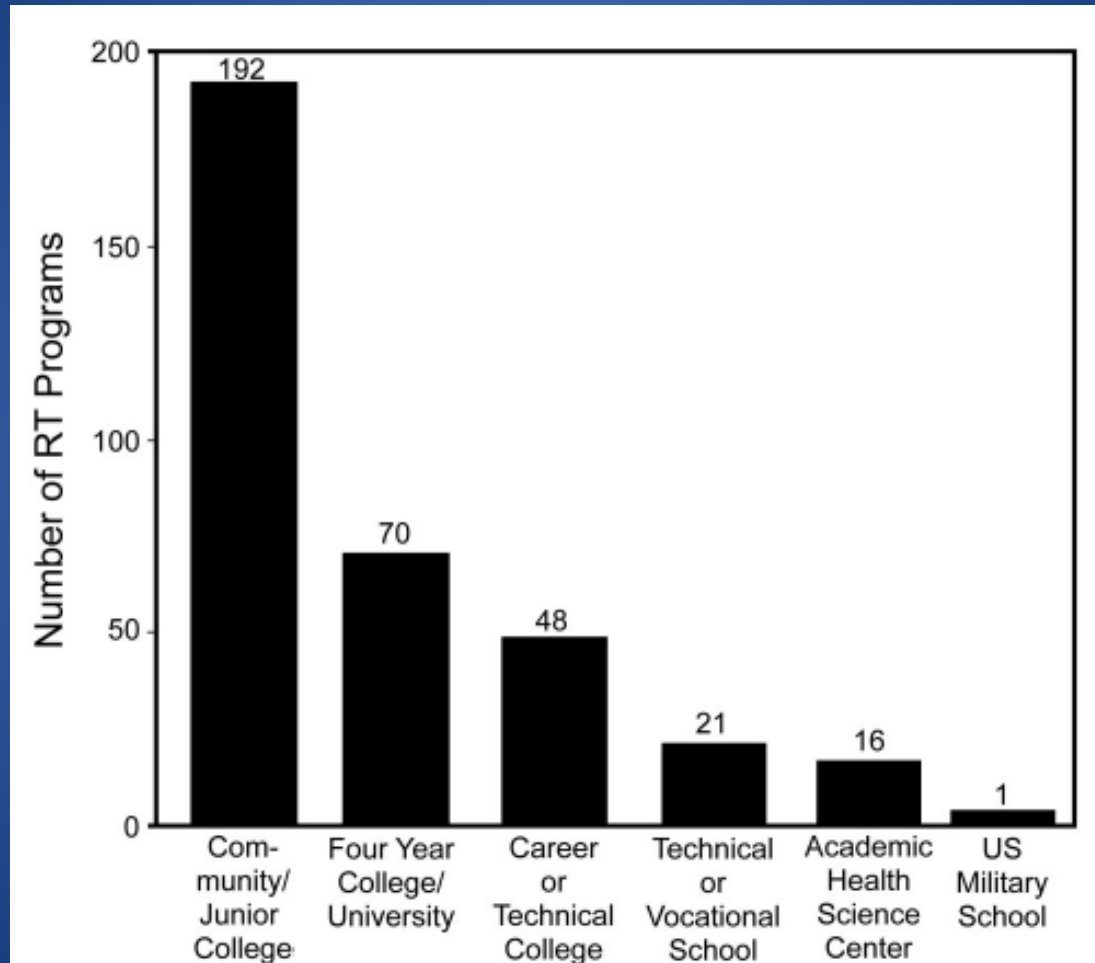


Fig. 2. Types of institutions of 348 respiratory therapy education programs, according to the program directors.

Table 1. Evidence-Based Medicine and Respiratory Care Protocol Competencies

	Respondents (%)*		<i>P</i>
	Baccalaureate Program	Associate Program	
Critique published research (no. = 165)	80	42	< .001
Explain the meaning of general statistical tests (no. = 142)	78	34	< .001
Apply evidence-based medicine to clinical practice (no. = 288)	94	81	.01
Explain the use of evidence-based medicine in the development and application of hospital-based respiratory care protocols (no. = 276)	83	79	.43
Treat patients in a variety of settings, using the appropriate respiratory care protocol (no. = 332)	96	95	.73

* *n* = 348 (total programs responding): 294 associate programs; 54 baccalaureate programs.

Table 2. Leadership Competencies

	Respondents (%)*		<i>P</i>
	Baccalaureate Program	Associate Program	
Contribute to organizational teams as related to planning, collaborative decision making, and other team functions (no. = 236)	78	66	.09†
Describe fundamental/basic organizational implications of regulatory requirements on the healthcare system (no. = 235)	76	66	.15†
Demonstrate effective written and verbal communications with various members of the healthcare team, patients, families, and others (cultural competence and literacy) (no. = 327)	94	94	.87
Describe healthcare financial reimbursement systems and the need to reduce the cost of delivering respiratory care (no. = 204)	72	56	.03
Lead groups in care planning, bedside decision making, and collaboration with other healthcare professionals (no. = 188)	63	52	.15†

* *n* = 348 (total programs responding): 294 associate programs; 54 baccalaureate programs.

† Difference > 6%.

Table 3. Diagnostic Competencies

	Respondents (%)*		<i>P</i>
	Baccalaureate Program	Associate Program	
Perform basic spirometry (no. = 343)	100	98	.33
Explain indications and contraindications for advanced pulmonary function tests (no. = 325)	100	92	.03
Explain indications and contraindications for sleep studies (no. = 296)	93	84	.09†
Relate results of sleep studies to types of sleep disorders (no. = 239)	76	67	.21†
Explain indications and contraindications, general hazards, and complications of bronchoscopy (no. = 329)	96	94	.54
Describe the bronchoscopy procedure and the respiratory therapist's role in assisting the physician (no. = 330)	100	94	.06†
Evaluate monitoring of a patient's clinical condition with pulse oximetry, electrocardiogram, exhaled-gas analysis, and other related devices (no. = 344)	100	99	.39
Perform arterial puncture and sampling, and blood analysis (no. = 343)	100	98	.33

* *n* = 348 (total programs responding): 294 associate programs; 54 baccalaureate programs.

† Difference > 6%.

Table 5. Emergency Care Competencies

	Respondents (%)*		<i>P</i>
	Baccalaureate Program	Associate Program	
Perform basic life support (no. = 336)	100	96	.13
Perform advanced cardiovascular life support (no. = 298)	89	85	.46
Perform pediatric advanced life support (no. = 180)	56	51	.54
Perform neonatal resuscitation program (no. = 211)	67	60	.32†
Perform endotracheal intubation (no. = 331)	98	95	.26
Maintain current American Heart Association certification in basic life support and advanced cardiovascular life support (no. = 275)	89	77	.053†
Perform as a member of the rapid response team (medical emergency team) (no. = 230)	72	65	.30†
Participate in mass-casualty staffing to provide airway management, manual and mechanical ventilatory life support, medical gas administration, aerosol delivery of bronchodilators and other agents in the resuscitation of respiratory and cardiovascular failure (no. = 169)	54	48	.41†
Provide intra-hospital transport of critically and chronically ill patients, provide cardiopulmonary life support and airway control during transport (no. = 282)	87	80	.22†
Recommend pharmacotherapy in clinical settings, including emergencies (no. = 321)	94	92	.51

* *n* = 348 (total programs responding): 294 associate programs; 54 baccalaureate programs.

† Difference > 6%.

Table 6. Critical Care Competencies

	Respondents (%)*		<i>P</i>
	Baccalaureate Program	Associate Program	
Apply invasive and noninvasive mechanical ventilation (no. = 341)	98	98	.93
Apply all ventilation modes currently available on all invasive and noninvasive mechanical ventilators, as well as adjunct to mechanical ventilation (no. = 335)	100	96	.12
Interpret ventilator data and hemodynamic monitoring data and calibrate monitoring devices (no. = 334)	100	95	.10
Manage airway devices and sophisticated monitoring systems (no. = 338)	100	97	.17
Make recommendations for treatment based on waveform graphics, pulmonary mechanics, and related imaging studies (no. = 328)	96	94	.48
Use therapeutic medical gases to treat critically ill patients (no. = 333)	94	96	.62
Apply circulatory gas-exchange systems in respiratory therapy practice (eg, ECMO) (no. = 154)	44	44	.98
Participate in collaborative care management based on evidence-based protocols (no. = 252)	82	71	.11†

Discussion Questions

- Six of the 8 major competency areas identified by the second 2015 and Beyond conference have several competencies that are taught in more of the baccalaureate degree programs than in the associate-degree programs.
- One quarter of the respondents have the capability to directly award a baccalaureate degree.
- Two thirds of the respondents favor requiring the RRT credential to practice in 2015 and beyond.
- There was broad support for future respiratory therapists obtaining a baccalaureate or graduate degree after they have begun practice.
- One-hundred respondents favored requiring a baccalaureate or graduate degree to qualify for a license to deliver respiratory care.

Education (63% Yes)

- That the AARC request the Commission on Accreditation for Respiratory Care to change, by July 1, 2012, accreditation standard 1.01 to read as follows:

1.01 The sponsoring institution must be a post-secondary academic institution accredited by a regional or national accrediting agency that is recognized by the United States Department of Education and must be authorized under applicable law or other acceptable authority to award graduates of the program a *baccalaureate or graduate degree* at the completion of the program. *Programs accredited prior to 2013 that do not currently offer a baccalaureate or graduate degree must transition to conferring a baccalaureate or graduate degree, which should be awarded by the sponsoring institution, upon all RT students who matriculate into the program after 2020.*

Credentials (76% Yes)

That the AARC recommends to the National Board for Respiratory Care (NBRC) on July 1, 2011, that the Certified Respiratory Therapist (CRT) examination be retired after 2014.

That the AARC recommends to the NBRC on July 1, 2011, that the multiple-choice examination components (CRT and Registered Respiratory Therapist [RRT] written) for the RRT examination should be combined after 2014.

Licensure (93% Yes)

That the AARC establish on July 1, 2011, a commission to assist state regulatory boards transition to the RRT requirement for licensure as an RT.

Ohio - 2015

Transition (90% Yes)

- That the AARC Executive Office request that the AARC Board of Directors ask the appropriate existing sections to develop standards to assess competency of RTs in the workforce relative to job assignments of the RT.
- Standards should address the variety of work sites that employ RTs.
- Standards should address RT knowledge, skills, and attributes relative to the tasks being evaluated.

Continuing Education (97% Yes)

The AARC encourages clinical department educators and state affiliates' continuing-education venues to use clinical simulation as a major tactic for increasing the competency of the current workforce.

Consortia (100% Yes)

That the AARC, in cooperation with the Commission on Accreditation for Respiratory Care, consider development of consortia and cooperative models for associate degree programs that wish to align with baccalaureate degree granting institutions for the award of the baccalaureate degree.

Budgetary Resources (96% Yes)

That the AARC provide budgetary resources to assist associate degree programs with the transition to baccalaureate level RT education.

Career Ladder (100% Yes)

That the AARC Board of Directors explores development and promotion of career ladder education options for the members of the existing workforce to obtain advanced competencies and the baccalaureate degree.

ARCF (96% Yes)

That the AARC request the American Respiratory Care Foundation to establish a restricted fund for donations to support the transition of associate degree programs to baccalaureate level RT education.

http://www.cps.neu.edu/degree-programs/graduate/masters-degrees/masters-respiratory-care-leadership.php

The screenshot shows the Northeastern University website for the Master of Science in Respiratory Care Leadership program. The header includes the university name, college name, and navigation links. A red navigation bar contains links for Academic Programs, Class Registration, Admissions, Tuition & Financial Aid, Student Resources, Our Faculty, and Discover CPS. The main content area features a breadcrumb trail, the program title, and a table with program details. A sidebar on the right contains a 'Request Information' button, an 'Apply now' button, 'Quick Links' for Graduate Admissions, Financial Aid & Scholarships, and Internships & Co-op Opportunities. Below this is a 'Talk to an Enrollment Coach' section with contact information. At the bottom, there are tabs for Overview, Curriculum, Admissions Requirements, Tuition, Student Profile, and Career Outlook, followed by a paragraph of introductory text and a section for 'Upcoming Academic Term Dates'.

Northeastern University
College of Professional Studies

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Master of Science in Respiratory Care Leadership

Campus Locations	Boston, Virtual
Also available 100% Online	Yes
Other Format(s)	
Credits Required for Graduation	43
Entry Terms	Fall Quarter, Winter Quarter, Spring Quarter, Summer Quarter
Meets International Visa Requirements	No

[Overview](#) | [Curriculum](#) | [Admissions Requirements](#) | [Tuition](#) | [Student Profile](#) | [Career Outlook](#)

Emerging environmental issues, recent technological advances, and a growing elderly population are escalating the need for skilled respiratory therapists. To be successful, today's respiratory care leaders must be skilled educators, practitioners, and case managers. In response, Northeastern University's College of Professional Studies has developed the Master of Science in Respiratory Care Leadership.

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Upcoming Academic Term Dates

t.barnes@neu.edu

www.cobgrte.org

Coalition for Baccalaureate and Graduate Respiratory Therapy Education

The logo for the Coalition for Baccalaureate and Graduate Respiratory Therapy Education (CoBGRTE) features the acronym "COBGRTE" in a bold, yellow, 3D-style font with a black outline, set against a white background.

Welcome to the CoBGRTE Web Site!

The Coalition for Baccalaureate and Graduate Respiratory Therapy Education (CoBGRTE) is organized to help students, faculty, and the general public learn about baccalaureate and graduate respiratory therapy education in the United States of America. A roster of baccalaureate and graduate respiratory therapy programs provides contact and basic information on: location, program director, medical director, curriculum design, entering class size, start dates, and provides a link to each program's web site. The CoBGRTE Roster also serves as a communication tool for faculty developing new baccalaureate and graduate respiratory therapy programs. Students and faculty are encouraged to visit program web sites and to contact each program directly for additional information.

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Thanks for your attention!