



History and overview

United States established in 1949 Association of Inhalation Therapy, which later renamed as the American Society of Respiratory Care, so medical experts started paying attention to "inbreathing" and related research and legislation. According to the America Association of Respiratory Care definition, respiratory therapy is considered a medical profession in which doctor diagnosis, treat and hospitalize patient in term of cardio respiratory defects or abnormal. At present, the United States has over 50 schools set up with respiratory therapy departments. In the old time domestically, Republic of China Society of Respiratory Care has been training respiratory therapy professionals informally. In recent years, with the healthcare system professionalizing, home respiratory therapy is in the rapid development stage

Our country passed and implemented the respiratory therapy law in January 91th year of Republic Era, which stated that only public, licensed, independent colleges or foreign universities, foreign independent college's respiratory care, respiratory therapy department, groups,

departments in line with the provisions of the Ministry of education doctorate that completed practical training, reached satisfactory grade, and passed medical license exam can conduct respiratory therapy business. Hereafter, respiratory therapists are trained by a formal education system to enhance the quality of care. Our school gained permission from bureau of education in 90th year of Republic Era to establish two years In-service Respiratory Therapeutics Program under the Faculty of Medicine, founded the first Respiratory Therapeutics University Department in the country in 92th year of Republic Era, and passed University Department's evaluation in 96th year of Republic Era. Every year our students' passing rate for the license exam is as high as 90 per cent, and those who graduated have high employment rate. We sincerely hope to enhance respiratory therapists' professional status through the formal university education and comprehensive training program.

Goal of Education

Train severe respiratory therapist. Train long-term respiratory rehabilitation professionals. Train

respiratory therapist specialized in adult, children and infants. Train respiratory treatment equipment research & development personnel. Train clinical lung, respiratory and basic research personnel. Train marketing, sales and promotional personnel.

Distinctive Feature of Education

Curriculum

The course content, first systematically to lay the basic medical knowledge, and then strengthening professional courses, in turn, to participate in clinical practice to ensure that students will learn classroom theory and practice of mutual application. Key course content includes the core curriculum courses, basic medical course, respiratory therapy for specialist, thorax and academic programs, severe clinical hospital care programs, the actual clinical practice and cross - cutting of course, etc. University studies with a four year limit, must fulfill 135 credits to graduate with 86 obligatory credits, 28 core knowledge credits and 21 elective credits), graduates obtain a bachelor degree of science. In-service Continuing education studies with a three year limit, must fulfill 76 credits to graduate with 58 obligatory credits, 8 core knowledge credits and 10 elective credits, graduates obtain a bachelor degree of science

Teaching facilities

Laboratory teaching equipments for over 35 groups, furthermore, the Taipei Medical University Hospital and Wan-Fang Hospital have over 40 equipments at our disposal. Artificial lung simulation tester adult/children/new born; full function intensive respiratory new born, children and adult; oxygen, humidity, fog therapy and analysis equipment; software in clinical operation, simulation, testing and etc; artificial gas chambers, first aid teaching models; and various ventilators.

Employment and Continuing Education

Registration for specialized profession and technician qualification examination in order to obtain respiratory



therapist license. Respiratory therapists and pulmonary functional check technicians in all large private and public medical centers with thoracic recovering rooms, intensive care units for recurrence, long term care units, etc; promotion, sales and development of respiratory care and therapy equipment; application for life sciences related masters program abroad or within Taiwan in order to obtain masters or doctorate degree; and a career in the study and development of technical improvement.

Faculty

This group of faculty composes of various Chest Medicine and Pediatrics physicians as well as well experienced veteran respiratory therapists from famous medical institutions. Currently our school has ten Full Time Professors, which include 1 Professor, 3 Associate Professors, 6 Assistant Professor, 1 Lecturers. And eleven Part-time faculty, which include 3 Professors, 1 Associate Professor, 1 Assistant Professor, 6 Lecturers.

Distinctive Feature of Research

Currently, the results of our research have been published in numerous journals. Every faculty has thrived hard in publishing research articles in either Taiwan or international journals.

Prospect

Plannings of research focus with the research team as the base to improve the level of research. Research on the conformity between basic and clinical studies conducted in conjunction with the department of thoracic internal medicine in the Taipei Medical University Hospital and Wan-Fang Hospital. Promotion of international academic cooperation was progressed in order to strengthen international academic exchange.

