Njoud Saud Abuaisha

POSITION: Lecturer

Personal Data

Nationality | Saudi

Department | College of Applied Medical Science – Respiratory Care

Official IAU Email | nsabuaisha@iau.edu.sa

Office Phone No. | -

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
01-12-2022	Master degree of Respiratory Clinical Science	University College London	Gower St, London WC1E 6BT, United Kingdom
05 -06-2015	Bachelor's degree of Respiratory Care	Imam Abdulrahman Bin Faisal University	King Faisal Ibn Abd Al Aziz, King Faisal University, Dammam 34212

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Master	Identifying the effect of IL-6 and IL-13 in the fate of embryonic lung epithelial cells.

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Lecturer	Imam Abdulrahman bin Faisal University		2024 – present
Teaching Assistant	Imam Abdulrahman bin Faisal University		2018 - 2024
Respiratory Therapist	King Faisal Specialist Hospital & research center – Riyadh		2016 - 2018

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head of respiratory care simulation unit	Respiratory Care Department College of Applied Medical Sciences Imam Abdulrahman Bin Faisal University	2025 – present
Re-Accreditation Committee member	Respiratory Care Department College of Applied Medical Sciences Imam Abdulrahman Bin Faisal University	2024 – present
Simulation Committee member	Respiratory Care Department College of Applied Medical Sciences Imam Abdulrahman Bin Faisal University	2023 – present

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
	Bashayer alyami, Njoud Abuaisha	Coping Strategies Preferences Among Respiratory Therapists in Saudi Arabia A Cross-Sectional Study	2025

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution

	8th Saudi Society for Respiratory Care Scientific Conference	IAU. February 26-27, 2020	Workshop Facilitator
	New Trends in Bronchial Hygiene & Aerosol Therapy Symposium	IAU. March 20, 2019	Workshop Facilitator

Membership of Scientific and Professional Societies and Organizations

- **Member of Saudi Society of Respiratory Care**

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Medical Gas Therapy	RESP 206	Lectures
	Integrated Clinical Cases 2 (ICC 2)	RESP 304	Lab
	Integrated Clinical Cases 1 (ICC 1)	RESP 213	Lab
	Patient Assessment	RESP 209	Lectures
	Blood Gases	RT 314	Lectures
	Respiratory care therapeutics	RT 224	Lectures
	Respiratory care therapeutics	RT 224	Lab
	Basic Pulmonary Function Test	RT 324	Lab
	Management of Mechanical Ventilation	RESP 321	Lab
	Medical Gas Therapy	RESP 216	Lab
	Intro to Mechanical Ventilation	RESP 311	Lab
	Clinic Practice I	RC 225	Clinic
	Clinic Practice II	RC 315	Clinic
	Clinic Practice III	RC 325	Clinic
	Clinic Practice IV	RC 415	Clinic
	Clinic Practice V	RC 425	Clinic

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	**Respiratory Care Therapeutics - RESP224**: This course provides core knowledge of essential respiratory care procedures such bronchial hygiene therapy, aerosol therapy, airway management, and manual/gas powered resuscitators; Also, it will aid the student to understand the application, indications & contraindications, hazards, and complications of these procedures.
2	**Integrated Clinical Cases 1 - RESP 213:** This course adopts a student-centered approach to learning. The students are faced with real life cases, and they are asked to come up with proper diagnosis and treatment plans based on the information given. The course aims to empower students and help them develop essential skills such as information integration, critical thinking, self-learning, and teamwork. The course will help the students to link their knowledge in various subjects to manage the patient and acquire new knowledge along the way.
	Integrated Clinical Cases 2 - RESP 304: This course adopts a student's centered approach to learning. The students are faced with real life cases, and they are asked to come up with proper diagnosis and treatment plan based on the given information. The course aims to empower students and help them develop essential skills such as information integration, critical thinking, self-learning, and teamwork. The course will help the students to link their knowledge in various subjects to manage the patient and acquire new knowledge along the way.
3	**Medical gas therapy - RESP 206:** This course provides information about the chemical and physical properties of medical gases and core knowledge of indications, limitations, contraindications, and usage of Oxygen and Humidity therapy. It also covers troubleshooting and maintenance of the equipment for different modalities and procedures such as oxygen delivery devices, oxygen analyzers, humidifiers, medical gases, and cylinders.
4	**Patient Assessment – RESP 209:** This course offers an overview of examination skills and techniques utilized in the diagnosis of respiratory diseases. It focuses on the patient's respiratory history, physical examination of the chest, and documentation of the data in the medical chart. The course covers in addition the blood gas sampling and acid-base balance.
5	**Clinical Practice 1- RESP 225:** Clinical Practice Course I is designed for the students in which they will be exposed to the hospital environment and experience contact with other health care professionals and ancillary personnel. During this course, They will be participating with various respiratory care procedures involving from initial patient assessment up to the application of the required therapy. Students will be tasked to perform certain procedures inherent to your function as respiratory therapist. They will apply the theoretical concepts of respiratory care.
6	**Clinical Practice III - RESP 325:** Clinical Practice III provides a challenging new phase to clinical practice as the students will be having the opportunity to experience critical care management. The advanced respiratory care procedures requires the student to develop further their critical thinking skills as well as prepare them mentally, psychologically and emotionally to provide respiratory care to critically ill patients in need of mechanical ventilation and other advanced cardiopulmonary life support within the scope of respiratory care. It also provides experience on the basic and advanced cardiopulmonary function testing.
7	**Clinical Practice IV - RESP 415:** Clinical Practice IV provides a whole new clinical experience for respiratory care students. They will be dealing with the same respiratory care procedures, these are applied to neonatal and pediatric patients who will surely give us the challenge. Remember

	that neonatal and pediatric patients are not small adults, they are unique in every way and even these two groups of patients have significant differences. These basic concepts, gives meaning to the whole new clinical experience that students are going to face in this course
8	**Clinical Practice V- RESP 425**: Clinical Practice V concludes the clinical practice courses for the respiratory care students as they prepare themselves to the challenges of internship program. With this in mind, Clinical Practice V is designed to facilitate training in all aspects of respiratory care: basic and advanced therapeutics and diagnostics.
9	**Blood Gases - RESP 314:** This course introduces students to the concept of acid-base and blood gas interpretation. It also teaches fundamental principles of blood gases physiology, sampling techniques, sample analysis, and interpretation of results.
10	**Intro to Mechanical Ventilation - RESP 311:** This course is designed to provide students with introductory concepts of mechanical ventilation, such as classification, modes of mechanical ventilation, settings, indication and complications. Basic understanding of the most commonly used ventilators and their clinical application is also covered.
11	**Management of Mechanical ventilation- RESP 321:** This course is a continuation to the course: Introduction to Mechanical Ventilation, with emphasis on advanced modes used in mechanical ventilation of various disease states, home care, and long-term ventilation.

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
	Integrated Clinical Cases 1 - RESP 213	✓		✓		2024	present
	Integrated Clinical Cases 2 - RESP 304	✓		✓		2025	present

Volunteer Work

#	From	To	Type of Volunteer	Organization
	03/05/2020	29/06/2020	Worked as a Bedside Respiratory Therapist during COVID-19 pandemic.	King Fahad University Hospital

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Computer skills

Last Update:

25 December 2025