

Gender equality

2023-2024

Alexandria University implements a wide range of initiatives that promote gender equality and empower **women** across academic, professional, and community spheres. Research centers and academic departments frequently examine **female** participation in education and the workforce, exploring patterns of **behaviour** that influence access to opportunities. The university provides dedicated support services, legal awareness programs, and counselling units to address **violence** against women and to promote safe campus environments. Through its colleges of Medicine, Nursing, and Arts, the university also supports projects focusing on maternal health, including studies on **pregnancy** outcomes and women's access to quality healthcare. Gender-inclusive policies ensure that both **male** and female students receive equal opportunities, while institutional committees work to mainstream gender equity into governance, training, and community outreach



women's access schemes including training, . mentoring, scholarships, and capacity building

Alexandria University is very keen to provide training programs on different issues as below:

1. Training on Evacuation Scenarios for Buildings in Case of Emergencies. Evacuation Drill at the Library Building of the College of Physical Education for Girls.



2. Training On First Aid



3. Lab Training and safety



4. Training at ALEX Herbarium of the Faculty of Science, Alexandria University



5. ICT Training



6. Training on waste Treatment



7. Cleanup Campaign



8. Summer training on waste water treatments



9. Master of Medicine in Manchester University



10. Training on Acupuncture therapy in sports



11. Socila solidrity workshop



12. Workshop on Violence Against Women: Challenges and Solutions



13. Center of Excellence for Research in Regenerative Medicine and Applications



Maternity care at Alexandria University

The Women's Health Center, located at the Medical Research Institute (MRI) of Alexandria University, specializes in the early detection of breast diseases using the latest mammography equipment. This project is part of a national plan to examine the most common diseases among women over the age of forty in Alexandria and nearby governorates, aiming at the early detection of breast tumors and osteoporosis for prevention and treatment.

- **Mammogram screening.**
- Ultrasound examination of the breast.
- **Measurement of osteoporosis.**
- Medical analysis and tumor markers.
- **Health education and self-examination of the breast.**

<https://mri.alexu.edu.eg/index.php/en/mtc/services/women-s-health-center>

Women's Health Center



The Women's Health Center, located at the Medical Research Institute (MRI) of Alexandria University, specializes in the early detection of breast diseases using the latest mammography equipment.

- As part of the "New Beginning" initiative for human development, a visit was organized to Dar Al-Hena for elderly women on Saturday, September 7, 2024, in collaboration with the Elderly Nursing Department at the college. The awareness lectures covered various essential topics for women's health after menopause, focusing on healthcare strategies to address physical and psychological changes, prevention of osteoporosis and heart disease, and the management of chronic conditions such as diabetes and hypertension. They also emphasized mental health for elderly women, discussing the prevention of depression and dementia, the importance of engaging in cognitive activities to enhance memory, and effective coping strategies for aging. Additionally, the lectures addressed healthy nutrition, highlighting specific dietary needs for this age group, strategies to combat malnutrition and anemia, and the critical role of nutrition in preventing chronic diseases. Finally, maintaining mobility and physical activity was a key focus, with discussions on suitable exercises to improve strength and balance, as well as methods for preventing falls and injuries.





Forum on Violence Against Women: Challenges and Solutions" on Sunday, September 8, 2024.

- The Anti-Violence Against Women Unit conducted workshops on micro- industries, psychological counseling, and legal consultations. Civil society participation included the Rotary Club Harbor and Rotary Club West Alexandria. Additionally, educational sessions for children were provided, along with the distribution of gifts and school supplies.



6. Educational Center for Childhood – Faculty of Education for Early Childhood Objectives:

- Providing distinguished educational services for willing and participating children.
- Providing educational services that qualify families to deal with their children.
- Paying attention to the psychological, health and prevention aspects of children.
- Diagnosing cases of learning difficulty and developing appropriate treatment for them.
- Providing distinguished educational services to the Alexandrian community.
- The most important capabilities and achievements through the center's activities:
- First: The typical kindergarten for ordinary children, which includes halls:
- The PLAYSCHOOL hosting hall includes children from three to four years old.
- First level KG1 halls, which include children aged from four to five.
- The second level halls, KG2, includes children from five to six years old

Attention is paid to choosing the name, form and organization of the halls from an educational standpoint based on modern theories in the fields of child education and child psychology in order to achieve the goals. Emphasis is placed on the principle of integration of experience, starting from the connection of the hall and its organization in a form that is appropriate to this name, to the selection of children's identification cards in a way that is appropriate for each hall. It is expressed and work begins inside the halls with the corner system, and this is confirmed by modern educational trends by the necessity of dividing the children's hall into corners, in which the children are distributed according to their choice to work in it, and when it is finished, it moves to another corner, which is: -

o Science, nature or exploration corner:

It is one of the important pillars of the child's educational environment, as it contains objects and tools that help the child

develop some scientific, mathematical concepts, linguistic and social skills through natural objects in order to create a wealth of information and answers to children's questions related to the environment surrounding them, which stimulates the child's desire to explore.

- o Construction, Demolition and Cubes Corner:

The processes of construction, demolition, and assembly are of educational importance in training and educating the child on the cognitive, mathematical, scientific, and linguistic aspects at this stage, as it is possible to develop the child's abilities to match, sequence, arrange, and size, and their understanding of some scientific concepts, including balance and stability, and the development of the ability to visual discrimination and the ability to visual motor coordination, which It supports readiness skills for reading and writing, as it helps the child develop himself positively.

- o Bridal Corner, Home Corner, or Family Coexistence Corner:

It is a corner where children practice imaginative play and play various social roles. It is a mini corner of the child's home where he does his favorite activities and the children perform the roles of family members and express many inner feelings that require linguistic communication, which makes them feel psychologically comfortable.

- o Technical Corner:

It means the activities of expressive art, which are considered essential. It helps the child discover different colors and helps him express his feelings through training him to control the use of materials and tools. Through the child's ability to accomplish his tasks, his self-confidence increases.

- o Music Corner:

With the musical instruments, the child repeats the songs that he listens to carefully, then sings them with the teacher, recording them and listening to his voice so that he can modify the song until he masters it and participates with his classmates in singing and playing, which gives the child the desired social skills and develops his sense of music.

o Library or reading corner:

It aimed to respond to the requirements, inclinations, and needs of children to read, read, practice listening skills, and follow proper office behaviors, and this is done through books and magazines through which children practice office activities.

o Kitchen corner:

It is one of the corners in which the child participates with his teacher in preparing some simple meals and foods, such as making a cake, preparing a food item, or raising the food item. Through these practices, the child learns many manners, behaviors, and scientific and social concepts. In this corner, the child has the opportunity to directly experience things, know them, and interact directly. With it, self-activity and involving all the

child's senses in learning everything inside the kitchen, as the kitchen environment is considered a field of extensive experience in foods.

Second: The model kindergarten for children with special needs:

This kindergarten accepts children with special needs and provides them with various educational and rehabilitative programs that contribute to the child's readjustment and integration into normal life within the limits of his abilities and readiness.

Third: - Child health and psychological clinic:

Faculty members specialized in the health and psychological fields at the college take care of children, whether in the Childhood Educational Center or for children who wish to participate in the environment in general, through:

- Early detection of cases of physical and mental disability and referring some of them to the relevant authorities.
- Health treatment for kindergarten-age children.
- Early detection of behavioral and psychological disorders.
- Training college students to recognize medical conditions.

Recording cases in records to extract rates and patterns of growth and development of children in the surrounding environment (Alexandria Governorate) while preparing the required awareness programs for parents. The psychological and health clinic also works to provide many activities, including: -

- Division for measuring intelligence tests for children.
- Diagnosing and treating cases of learning difficulties.
- Diagnosing and treating behavioral and psychological problems.
- Conducting communication sessions to improve communication ability.

Faculty of Specific Education

- **Awareness seminars for women**
- **Workshops on sewing, crafts, and crochet**
- **Workshops on drawing and coloring for children**
- **Ceramics workshops and sculpting with porcelain clay**

Entertainment segment for children, including distributing sweets to them



Center of Excellence for Research in Regenerative Medicine and Applications

مشاركة عشيرة جواله الكلية بمهرجان الأسمار الثاني لجوالي وجالات جامعة الإسكندرية

**Women Participation of the
College Scouts group in the
Second Asmar Festival for
Alexandria University Scouts**

شاركت طالبات عشيرة جواله كلية التربية للطفولة المبكرة بمهرجان الأسمار الثاني لجوالي وجولات جامعة الإسكندرية في يوم الاول من اغسطس 2024 والمقام بمبنى الاداره العامة لرعاية شباب الجامعة تحت اشراف قسم رعاية الشباب.



The students of the Scout Group of the Faculty of Early Childhood Education participated in the second Asmar Festival for Scouts and Rovers of Alexandria University on August 1, 2024, which was held in the General Administration Building for Youth Care at the University under the supervision of the Youth Care .Department

Team program for occupational health and safety

- To complement the role of the Safety Unit at the Faculty of Science in raising awareness of the concept of occupational safety and health.
- To apply the requirements of occupational safety and health in the Faculty of Science in all its buildings and departments.
- To achieve the practical application of the students for the occupational safety and health course 040306225 which has become a course that meets the needs of the labor market for our country's promising youth.
- To complement the unit's summer activity, which began in spring 2021 until now.

The program includes Five main activities:

- 1- **Lectures** from specialists in the field of occupational safety and health.
- 2- **Workshops** that serve the field of occupational safety and health such as first aid and fire fighting....etc.
- 3- **Field visits** to different and diverse companies to learn how to apply occupational safety and health requirements in various installations.
- 2- **Field training in the faculty:** The training is carried out under the supervision of a coordinator from each department of the faculty. It includes how to apply occupational safety and health requirements in the faculty and its various departments to avoid various work risks, by applying different activities. For example: arrangement, organization and indexing of chemicals (soft and hard copies) in the various laboratories of the faculty. Preparation of the material safety data sheet of Hazardous Chemicals (MSDS).
 - An inventory of occupational safety and health equipment located in the different departments of the faculty (fire extinguishers of all kinds, sand buckets, first aid boxes, emergency signs... etc).

3- E-Activity

The electronic activities include performing the following topics:

- ❖ Preparing a guide for the application of safety requirements with the use of local and international

references.

- ❖ How to prepare an emergency, evacuation and working group plan.
- ❖ How to dispose of waste and its types - mechanisms used (references).
- ❖ How to prevent and respond to fires (different causes).
- ❖ Designing an opinion poll on the extent of awareness of the general requirements for safety among college students with its circulation and analysis.
- ❖ Safety guidelines in laboratories (during experiments and after completion) according to disciplines - chemistry - physics - computer - geology and biology.
- ❖ Preparation and design of awareness videos ((Infograph).
- ❖ First Aid Guide

Statement of Activities of the Safety and Health Committee starting July 2023

1. **Training of Committee Members at the Labor Cultural Institution:** A total of seven committee members received basic safety and health training at the Labor Cultural Institution from September 17 to September 28, 2023, and obtained their training certificates.
2. **Fire Extinguisher Maintenance:** The condition of fire extinguishers was monitored, and they were refilled and serviced annually. Maintenance was carried out in August 2023 and September 2024.

3. **First Aid Kit Inventory:** The contents of first aid kits, including medical supplies and medications, were replenished in all college buildings and departments at the beginning of the academic year, specifically from October 2023 to February 2024 (follow-up) and again in October 2024. The committee assigned the safety officer at the Moharram Bey building to report biweekly on the usage of first aid kit contents.
4. **Chemical Inventory Management:** The safety of chemicals was monitored, and a special location was prepared for storing expired chemicals and fluorescent bulbs until their safe disposal by the Nalaria landfill on August 29, 2023.
5. **Building Roof Monitoring:** The condition of building roofs regarding rainwater drainage was monitored by building supervisors and safety officials before the onset of winter in September 2023 and September 2024.
6. **Compliance During Restoration:** Compliance with safety and health regulations was ensured during restoration work at the college building in Shatby.
7. **Elevator Monitoring:** The status of elevators was checked, with maintenance performed on December 5, 2023. Monitoring continued during restoration work in Shatby. The Safety and Health Committee decided on October 2, 2024, to suspend the use of elevators in Buildings A and B until their maintenance was completed, starting from October 2, 2024.
8. **Water Tank Cleaning:** Regular cleaning and disinfection of water tanks were carried out.
9. **Biannual Statistics:** Biannual statistics were compiled for the periods from June 30, 2023, to December 31, 2023, and from January 1, 2024, to June 30, 2024.
10. **Fire Extinguisher Training:** Laboratory technicians, storekeepers, and supporting service workers were trained on the use of fire extinguishers on April 30, 2024, at the college playground in Moharram Bey.
11. **Emergency Evacuation Training:** A training session on safe evacuation in emergencies was organized for firefighting and evacuation teams on May 9, 2024.
12. **Firefighting Training:** Five committee members received fire prevention training from the Alexandria Civil Defense at the university city.
13. **Attendance at Workshops:** Two committee members attended workshops on:
 - Mental Health on April 23, 2024.
 - Crisis Management and Problem-Solving on April 24, 2024. This was part of a skills development program organized by the African Center for Women's Health Services in Alexandria.
14. **Safety Compliance Monitoring:** Safety and health regulations were monitored and enforced in the college workshops and storage facilities in Moharram Bey.
15. **Emergency Plan Approval:** The emergency plan for college buildings (Shatby, Moharram Bey, Marine Sciences) was approved by the Occupational Safety and Health Office of the Ministry of Manpower in April 2024.
16. **Waste Disposal Contracting:** Procedures are being undertaken to contract with Nahdet Misr for the safe disposal of solid waste. The Safety and Health Committee recommended in its meeting on December 6, 2023, the inclusion of a clause for the safe disposal of biological waste.
17. **Student Safety and Health Team Program Report:** A report was prepared on the student safety and health team program at the Faculty of Science, which was conducted between July 13, 2023, and August 31, 2023.



Radiation in Workplaces and How to Prevent It

The lecture covered the definition and types of radiation, and how to protect workers from different types of radiation, such as alpha, beta, and gamma rays, which are used in medical and engineering fields. It also discussed how to measure radiation using various devices.

First Aid Training in cooperation with the Red Crescent society



A first aid trainer at the Red Crescent



Field training at the Faculty

Health infrastructure facilities and services for students, academics and administrative staffs' wellbeing

1. The Faculty of medicine, Alexandria university is built on 225867 square meter surface area with all its different campuses including Main University Medical Complex, ELshatby, Elhadara, Smouha, Elmoassat and Borg Elarab campus.
2. Students teaching rooms compromise 12443.36 square meter from the faculty total surface area.
3. Alexandria University Medical Complex compromise seven buildings including Academic building, internal medicine building, Surgery building, conference center, Training center, Outpatient clinics, New university hospital building with total surface area 77154.
4. EL-shatby hospital compromise one building for obstetrics and gynecology department with total surface area 33288 square meter.
5. El Hadra Hospital compromise two buildings for orthopedics and neuropsychiatry with total surface area 21975 square meter.
6. Smouha hospital compromise two buildings for Emergency and pediatrics with total surface area 23691 square meter.
7. El-Mosaat hospital compromise eighteen teaching rooms with total surface area 23104 square meter.
8. The University Hospital contains 22 clinic as therapeutic units in all Faculties.



El-Mosaat hospital (Faculty of Medicine, Alexandria University)

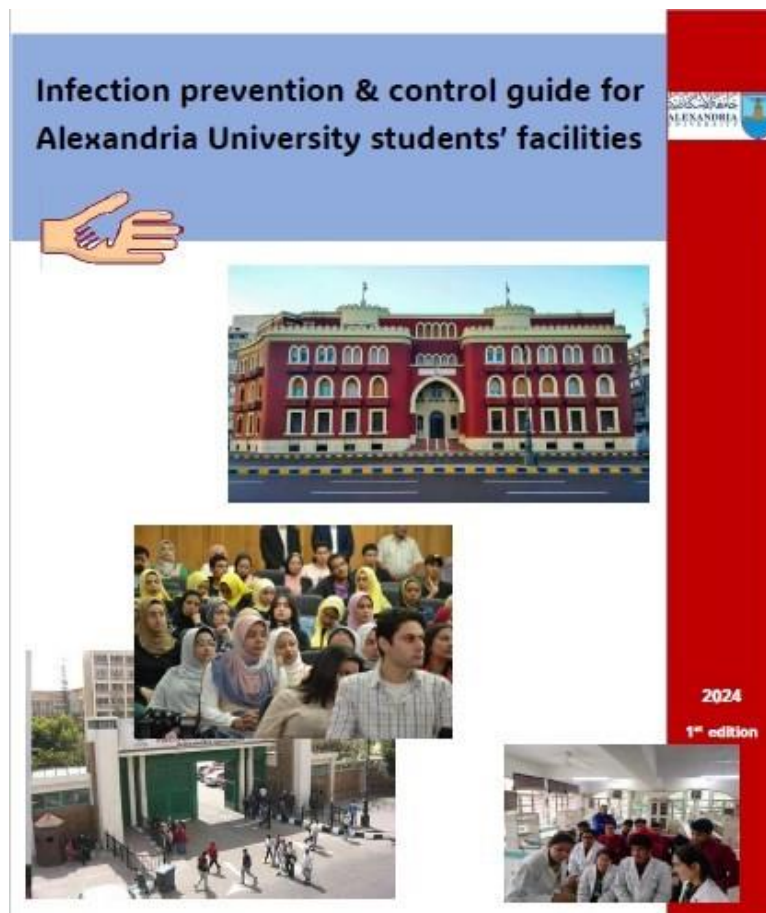
Alexandria University hosts several hospitals that provide a variety of medical services. Here's a list of the primary hospitals along with the services they offer:

1. **Main University Hospital (El Meery):** This hospital serves as a comprehensive medical center offering a wide range of services including emergency care, surgeries, and specialized treatments.
2. **El Shatby Hospital for Obstetrics and Gynecology:** Specializes in women's health, particularly in pregnancy, childbirth, and postpartum care. It also includes a pediatric department catering to newborns and children.
3. **El Shatby Pediatric Hospital:** Focused on pediatric care, this hospital provides services for children, including general health check-ups, treatments for acute illnesses, and emergency care.
4. **Al Mowasat University Hospital:** Offers a wide array of medical services, including surgery, internal medicine, and specialty consultations.
5. **Smouha University Specialized Hospital:** Known for advanced treatments, including pediatric cardiac care and various surgical specialties, such as gynecological oncology and heart surgery.
6. **El Hadara Hospital (Queen Nariman Hospital):** Focuses on orthopedics and neuropsychiatry, offering specialized services for musculoskeletal conditions and mental health.
7. **New University Hospital:** Equipped with modern facilities, it provides general medical services and specialized care across various fields.
8. **One-Day Medical Services Center:** Offers outpatient services and minor procedures that do not require overnight hospitalization.

These hospitals have seen significant development recently, enhancing their capacity and service offerings to better meet the healthcare needs of Alexandria and surrounding areas.



**Guideline for Infection Control in Student Facilities and Teaching Buildings at
Alexandria University**



As part of its commitment to sustainable development for improving environmental affairs and serving the community, Alexandria University has taken a pioneering role, being the first among Egyptian universities to adopt the idea of creating a comprehensive guide for correct procedures and practices that meet infection control recommendations within its facilities that serve students. This extends not only to the clinics in the colleges and institutes of the university but also to student residences, lecture halls, classrooms, laboratories, sports fields, and various other facilities frequented by students at Alexandria University.

The vision behind the university's initiative to develop this guide is to establish a framework for practices, behaviors, and requirements for all students and staff at Alexandria University, based on the principles and guidelines of infection control. This guide will serve as a reference for safeguarding the health and safety of students and staff, ensuring sustainability, and positively impacting the community in Alexandria. It will also serve as a model in this regard, with the guide being made easily accessible to the target audience both in printed format and electronically for ease of use and review when needed by all students and staff.

The goal of making this guide available to those interacting with Alexandria University, regardless of their roles, is to promote proper health practices among students and staff to ensure infection control and reduce its risks. This will improve working conditions, reduce the spread of contagious diseases, and raise health awareness within the university's facilities. It also encourages the adoption of proper procedures for environmental cleanliness and personal hygiene within the university's campuses, faculties, and institutes.

This initiative was accomplished through a team formed to represent all academics specializing in infection control at Alexandria University, including faculty members from the Faculty of Medicine, the Medical Research Institute, the High Institute of Public Health, and the Faculty of Nursing. This guide highlights the university's supportive role in all pioneering and innovative ideas that have a positive impact in various fields: socially, by enhancing individual daily practices; health-wise, by promoting sustainable health culture; and economically, by reducing infection rates among students and staff, thus relieving the economic burden on the university and the state in terms of medical treatment costs.

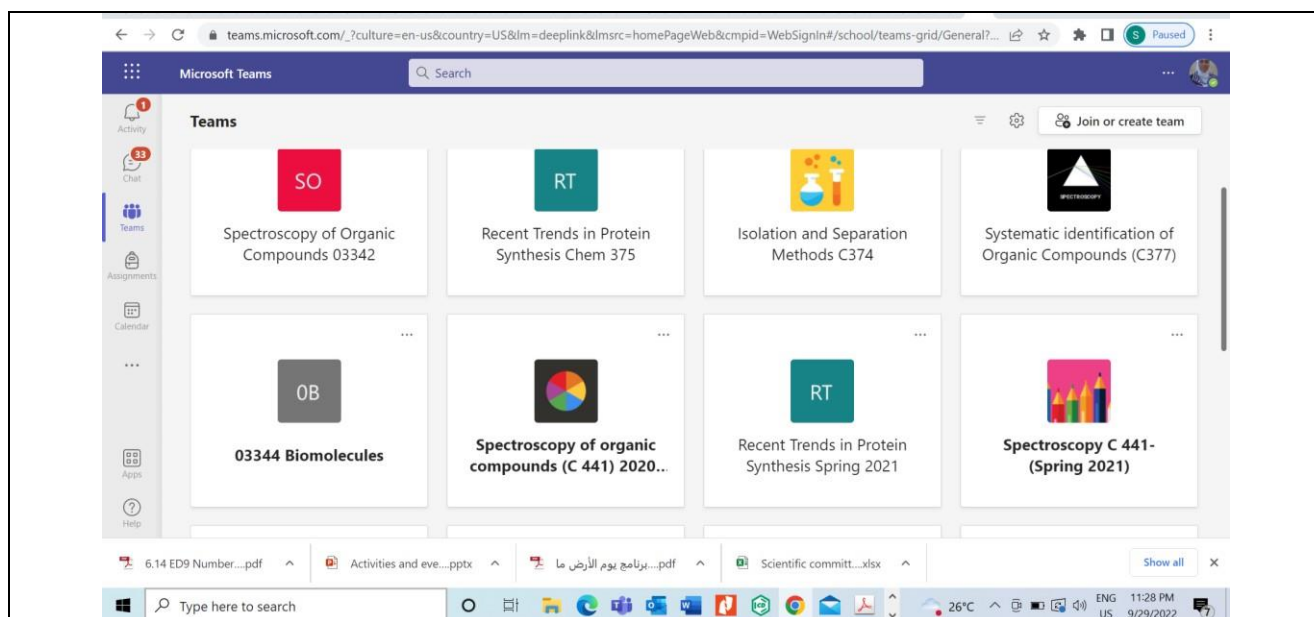
The guide presents, in a simplified yet scientifically accurate manner, the essential recommendations that must be followed and the correct procedures to minimize the risk of exposure to infections in various university facilities. It also includes instructions on dealing with incidents such as spills (vomit, bleeding, etc.) and primary guidelines for unexpected situations like bites or injuries. The team behind the guide hopes that its dissemination will lead to maximum benefit, earn the approval of its readers, and contribute effectively to the development of our beloved country. We also hope that we have fulfilled the mission entrusted to us by the university leadership, achieving their satisfaction and meeting their expectations in supporting this pioneering initiative.

Medical and health care courses

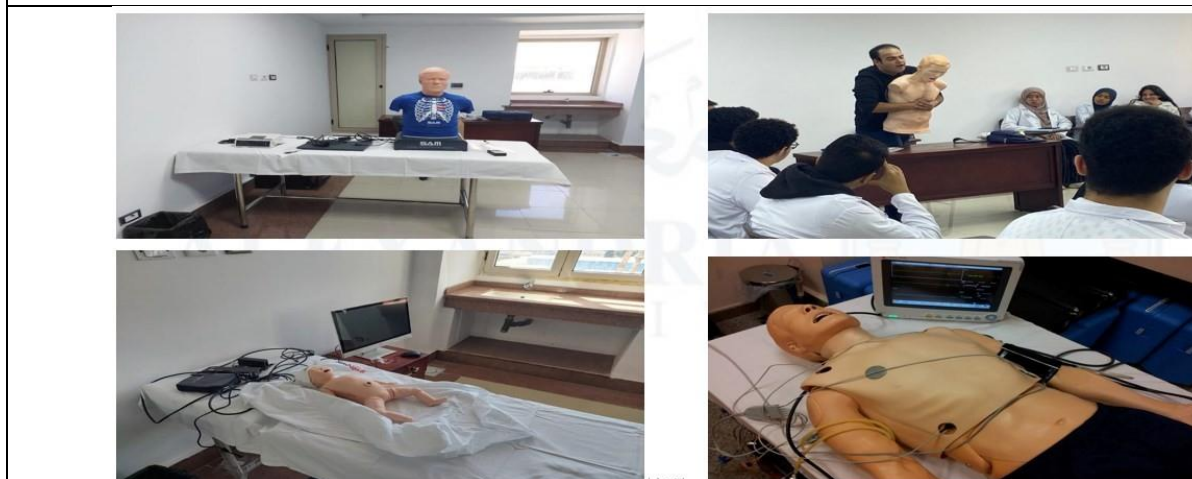
The total number of courses at the new Alexandria National University in the academic year 2022/2023 are 531 courses.

College	Program	Total number of courses
College of Medicine	Medicine and Surgery Program	49
College of Dentistry	Oral and Dental Medicine and Surgery Program	75
College of Pharmacy	Pharm de Clinical Program	66

Online Courses



Using Microsoft Teams (Alexandria University, EGYPT)



Skill labs at the Faculty of Medicine – Alexandria University

3.3.2.Outreach programmes and projects in the local community

1. Medical and community services convoy

Project name	Participants	Project duration	Project area	Number of beneficiaries
Medical and community services convoy	33	One Day 28/10/2020	Dar el tahl mahny El sauf	445
Medical and community services convoy	37	One Day 9/12/2020	King Mariut (kiswt el shataa)	500
Medical and community services convoy	66	One Day 9/7/2021	Dar El hadia El sauf	168
Medical and community services convoy	66	One Day 5/8/2021	Baheg Village	417
Medical and community services convoy	57	One Day 6/8/2021	Abo Homos	345

Medical and community services convoy	81	One Day 22/9/2021	Baheg Village 2	650
Medical and community services convoy	61	28/9 – 1/10/2021	Matroh	727
Medical and community services convoy	55	One Day 14/10/2021	Alex stadium	217
Medical and community services convoy	57	One Day 5/11/2021	Ganauty Area	467
Medical and community services convoy	104	8 – 12/11/2021	Siwa	2613
Medical and community services convoy	62	One Day 19/11/2021	Zawiya Abdel Qader	651
Medical and community services convoy	65	One Day 9/2/2022	El Nahda – Borg El Arab	761
Educational, and sports convoy	Faculty of Education, Sport Education	12/02/2022	Village “15” Borg AL-Arab	70

A veterinary agricultural educational convoy	Faculty of Veterinary Medicine, Agriculture, & Education	13/02/2022	The village of Al-Ula in Borg El Arab City	85
Medical and community services convoy	56	One Day 4/3/2022	Ard El Bangar	753
Medical and community services convoy	69	One Day 12/3/2022	Abes 8	818
Medical and community services convoy	47	14/3 – 18/3/2022	Matroh - Siwa	1690
Community services convoy (Ramadan ConvoY)	Faculty of Medicine	2-5/4/2022	King Mariout	1850
Medical and community services convoy	52	One Day 19/5/2022	King Mariout	73
Medical and community services convoy	58	One Day 20/5/2022	El Delengat Area	683
Medical and community services convoy	Faculty of Medicine and dentistry and nursing, the Higher Institute of Health Faculty of Science	21-28/05/2022	Abis 7	250
Medical and community services convoy		One Day 4/8/2022	Al-Akreisha in Beheira Governorate	2377
Medical and community services convoy		One Day 2/9/2022	King Mariout	775
Medical and community services convoy		One Day 17/9/2022	Abes 7	603
Medical and community services convoy	50	One Day 15/10/2022	Abes 8	648
Medical and community services convoy	46	One Day 28/10/2022	Janayoti area	598
Medical and community services convoy		30 Days 1-30/11/2022	Bashaier El Kheir area	30,211
Medical and community services convoy	Members of Faculty of medicine	10-20/8/2022	Al-Tabiya- Abu Qir	1093
Medical and community services convoy	Members of Faculty of medicine	7-17/2022	Orphaned Children and Individuals with Disabilities	217
Community services convoy (Ramadan ConvoY)	Members of Faculty of medicine	5-15/6/2024	King Mariout	1500
Medical and community services convoy	60	One Day 27/1/2023	Abu Al-Matamir	804
Medical and community services convoy	66	One Day 17/2/2023	King Mariout	737
Medical and community services convoy		One Day 20-24/2/2023	Siwa	6311
Literacy ConvoY	Faculty of Education	28/02/2023	El-Amriyah	90
Medical and community services convoy	35	One Day 18/5/2023	Administrative Prosecution Complex in New Smouha	307
Medical and community services convoy	59	One Day 13/7/2023	Kom Hamada (Beheira)	390
Veterinary convoy	Faculty of Veterinary Medicine	05-15/07/2023	Abis 8	666

Medical and community services convoy	19 doctors and dentists & 60 students from various faculties including Medicine, Dentistry, and Pharmacy	2/08/2024	Bahij area of Borg El Arab	79
Medical and community services convoy	Faculty of nursing	7/09/2024	Dar Al-Hena for elderly women	200
Medical and community services convoy	Faculty of Medicine, Faculty of Pharmacy, Faculty of Dentistry, Faculty of Nursing, High Institute of Public Health, Research Institute, Faculty of Veterinary Medicine, Faculty of Agriculture, Faculty of Specific Education, The Anti-Violence Against Women Unit, Rotary Club Harbor, and Rotary Club West Alexandria.	13/09/2024	Abis7	422
Medical and community services convoy	Colleges of Medicine, Dentistry, Pharmacy, Nursing, the Medical Research Institute, and the Higher Institute of Health.	18/09/2024	Borg AL-Arab	974
Medical and community services convoy	Faculty of Medicine, Dentistry, and Pharmacy, Faculty of Education, The Faculty of Early Childhood Education & the Anti-Violence Against Women Unit	12/10/2024	Abis 8	619
Veterinary convoy	Faculty of Veterinary Medicine,	12/10/2024	Abis 8	246

- The **convoy in the Abis 7 area** was part of the broader initiative “New Beginning Initiative for Human Development” to **provide medical and community services**, on Friday, September 13, 2024.
- Alexandria University colleges and institutes participated in the medical and community convoy, providing a range of services including medical care from the Faculty of Medicine, Faculty of Pharmacy, Faculty of Dentistry, Faculty of Nursing, High Institute of Public Health, and Research Institute; veterinary services from the Faculty of Veterinary Medicine; agricultural guidance from the Faculty of Agriculture; and contributions from the Faculty of Specific Education. The Anti-Violence Against Women Unit conducted workshops on micro-industries, psychological counseling, and legal consultations. Civil society participation included the Rotary Club Harbor and Rotary Club West Alexandria. Additionally, educational sessions for children were provided, along with the distribution of gifts and school supplies.
- A total of 422 cases were examined across various specialties: Dermatology (53 cases), Pediatrics (78 cases), Obstetrics and Gynecology (24 cases), Ophthalmology (41 cases), Orthopedics (70 cases), Internal Medicine (76 cases), and Dentistry (80 cases). Additionally, medications were provided free of charge to patients in all specialties. Some cases requiring

surgical intervention or further examinations in various specialties were referred to Alexandria University Hospitals.





"Decent Life" Caravan in the Bahij area of Borg El Arab

On Friday, August 2, 2024, Alexandria University organized a comprehensive medical and community convoy under the "Decent Life" initiative to the Bahig area in Borg El Arab. The event took place at Dr. General Mohamed Abdel Wahab School, Borg El Arab Educational Administration.

Participants:

16 medical doctors and 3 dentists & 60 students from various faculties including Medicine, Dentistry, and Pharmacy. A total of 200 participants from different faculties, including faculty members, students, and administrative staff.

2. Medical Convoy: Participating faculties: Medicine, Pharmacy, Dentistry, Research Institute, High Institute of Public Health, and Faculty of Nursing.

3. Community Convoy: Participating faculties: Veterinary Medicine, Education, Specific Education, Physical Education, and the Anti-Violence Against Women Unit at Alexandria University.

4.Civil Society: National Council for Women, Rotary Clubs of Alexandria Capital and Alexandria Harbor, and the Drug Bank Foundation.

5. "Doctor for You" Family: Participants from the faculties of Medicine, Dentistry, and Pharmacy.

Faculty of education

- Eradicating illiteracy through immediate exams for illiterate individuals
 - Psychological and mental health counseling with the participation of faculty members from the Faculty of Education
 - Faculty of Veterinary Medicine
- In Ismail Buraig, the caravan is in the village of "Abdel Baset," affiliated with the Mostafa Al-Arab unit.
 - The caravan offers medical, guidance, and service support to the residents of the area, as well as training for fourth-year students from the college.
- Diagnosis and treatment of diseases and surgeries for small and large animals, and poultry, free of charge.

Faculty of Physical Education for Boys and Girls

- A sports day at the Bahij Youth Center, featuring images of various matches and competitions.

Unit for Combating Violence Against Women

- A party for children with sweets distribution, psychological support, and legal consultations.

Rotary Harbor

- Distribution of sweets, school bags, and stationery.





A workshop on patient safety in collaboration between the Faculty of Nursing and the Vascular and Diabetic Foot Hospital on Tuesday, August 13, 2024, with the participation of 52 trainees from many hospitals.



- A training course held by the Faculty of Nursing on cardiopulmonary resuscitation (CPR) on Wednesday, August 14, 2024, in collaboration with the African Center for Women's Health Services.



- A training course held by **the Faculty of Nursing** on "Nursing Tips and Tricks for Preterm on CPAP" on Tuesday, August 27, 2024, in collaboration with the African Center for Women's Health Services.

7. The Scientific Center for Pharmaceutical Research Center, headquartered in the College of Pharmacy

Objectives:

- Conducting scientific studies and research aimed at solving community problems related to production activities and service delivery, with a focus on the pharmaceutical sector.
- Conducting scientific and applied research to produce new medicines, including natural products.
- Contributing to developing professional performance and developing the skills of workers in the pharmaceutical industry sector and related fields.
- Strengthening the ability of Egyptian medicine to enter global markets.
- Strengthening scientific and cultural ties between the university's colleges and institutes and between Alexandria University and other universities and scientific bodies at the national, Arab and international levels.
- Carrying out scientific studies and production work on behalf of others.

8. Medical analysis, examinations and diagnosis of occupational diseases center – Faculty of Medicine

Objectives:

- Evaluating the work environment and its impact on employees.
- Providing health services to factory workers and those exposed to occupational hazards.
- Providing the necessary consultations in occupational safety and health to factory doctors and industrial security officials in various companies.
- Conducting advanced research in the field of industrial medicine and occupational diseases.

9. Pharmaceutical and General Services Center – Faculty of Pharmacy

Objectives:

- Providing all pharmaceutical services to various productive sectors in the field of pharmacy and industries and holding conferences and scientific seminars to serve the pharmacists sector.
- Conducting pharmaceutical studies and research aimed at solving community problems, whether related to production activity or providing services.
- Strengthening scientific and cultural ties with other universities and scientific bodies at the Arab and international levels.
- Assisting the university in improving the college's general educational service.
- Conducting training courses in various pharmaceutical fields, providing expertise and advice to the pharmaceutical production sectors, and contributing to linking the university with society and industry.
- Holding training courses for graduates of colleges of pharmacy to raise the level of performance in community

service.

- Implementing university projects and carrying out maintenance and repairs needed by the college.
- Conducting sample analysis for some pharmaceutical companies and providing research results to serve the pharmaceutical industry.
- Serving researchers and graduate students in preparing their research.

10. Education and Public Service Center – Faculty of Dentistry

Objectives:

- Assisting the university in performing its mission in the fields of education, training and research.
- Preparing training courses in scientific departments to raise their scientific competencies.
- Preparing booklets that include continuing medical education and training programs and disseminating them at the university level.
- Improving the educational service and providing the center with modern equipment to raise the level of the center to keep pace with scientific progress.
- Addressing Egyptian and Arab universities to announce the possibility of scientific training at the highest level to acquire scientific and technical skills to raise the level of dentist's competence to keep pace with scientific progress.
- Strengthening cultural and scientific ties with other universities and scientific bodies at the Arab and international levels.

Link: <https://www.facebook.com/Dent.AlexU.Edu.Eg.Ar?mibextid=LQJ4d>

11. Specialized Medical Treatment Center - Faculty of Dentistry

Objectives:

- Contributing to the treatment of community members using the latest scientific and environmental methods for nominal fees
- Providing a distinguished medical and therapeutic service through an elite group of professors in various dental specialties.
- Providing advanced treatment for children with special needs under general anesthesia.

- Receiving doctors coming from Arab countries to learn about the latest scientific techniques in the field of dentistry.
- Providing the opportunity for faculty members to provide distinguished treatment to community members at reasonable prices.
- Activating the college's own resources to develop the educational and research process.
- Providing research, scientific and medical services and contributions at the highest level in the field of dentistry.
- Reducing treatment expenses for university employees (professors - students - employees).
- Contributing to maintenance and repairs within the college.

Link: <https://www.facebook.com/Dent.AlexU.Edu.Eg.Ar?mibextid=LQQJ4d>

12. Occupational Health and Air Pollution Research and Studies Center – High Institute of PublicHealth

Objectives:

- Training specialists in occupational safety and health from Egypt, the Middle East and Africa.
- Feasibility studies regarding the locations of industrial facilities and their environmental impact.
- Study of health problems in industrial societies and their relationship to the work environment and the external environment of the factory.
- Study air pollution problems and determine their sources and health and economic impacts.
- Studying the economics of methods of controlling environmental factors and their relationship to industrial changes, as well as designing appropriate control systems for each case and following up on their implementation, then evaluating their efficiency and effectiveness.
- Conducting advanced research in the field of occupational health, especially creating and developing methods for detecting and evaluating pollutants inside and outside the work environment and early detection of health changes that accompany these changes, as well as methods for evaluating physical exposures and detecting their impact.
- Providing research facilities for scholars and researchers in the fields of public health, especially in occupational health.
- Providing various medical services in the field of occupational medicine and early detection of occupational diseases.

Link: <https://hiph.alexu.edu.eg/index.php/ar/>

<https://hiph.alexu.edu.eg/index.php/en/>

13. Environmental health research, analysis and studies Unit (EHRAS Unit) – High Institute of PublicHealth

Objectives:

- Study and evaluate environmental problems, provide appropriate solutions to them, and help the university carry out its mission in the field of the environment.
- Providing services and high-tech laboratory analyzes to faculty members and graduate students at the Institute, other colleges and institutes at Alexandria University, other universities and various bodies.
- Training technical personnel working in the field of chemical and biological analyzes in ministries and various production and service sectors in Egypt and Arab countries.
- Cooperating with various companies in Alexandria Governorate to monitor the quality of production to ensure the quality of the Egyptian product and its compliance with Egyptian standard specifications.
- Finding solutions to environmental problems facing society, such as water pollution, industrial wastewater, and nutrition problems, to comply with environmental specifications, and providing technical consultations in the field of industry.
- Monitoring industrial facilities and natural resources from an environmental standpoint.
- Analysis of water samples from natural and treated sources.

- Cooperating with universities, research centers, and international and local laboratories in research projects and quality control programs to ensure the accuracy of the results.

Link: <https://www.facebook.com/profile.php?id=100076271716744&mibextid=ZbWKwL>

14. Training center – High Institute of Public Health Objectives:

- Training those working in the field of public health at the Arab and international levels to raise their efficiency and develop their capabilities.
- Providing statistical analysis services for the research of faculty members and graduate students at the Institute, other colleges and institutes at the University of Alexandria and other universities, as well as for research projects that contribute to serving society and the environment.
- Providing services for writing academic theses and making graphs.
- Providing scientific consultations regarding the research plan, the size of the research sample, and different sample selection methods.
- Organizing training courses on the use of computers.
- Organizing courses to implement and operate e-learning programs.

Link: https://alexu.edu.eg/index.php/?option=com_content&view=article&id=5909&catid=21&lang=ar-AA

15. Central Laboratory Center for Advanced Environmental and Biological Analysis - High Institute of Public Health

Objectives:

- Providing laboratory analysis services with modern technology to faculty members and graduate students at the Institute and other colleges at Alexandria University.
- Providing laboratory analysis services and technical consultations to governmental bodies and institutions and public and private sector bodies and institutions with the aim of improving their products and maintaining their quality.
- Cooperation between universities, research centers and local and international laboratories in research projects and quality control programs to ensure the accuracy of the results.
- Accurate diagnosis of viral diseases and some bacterial and fungal diseases.
- Direct and accurate microscopic examination of microbes.
- Analysis of the basic components of foodstuffs (protein, fat, carbohydrate, ash and moisture content).
- Estimation of vitamins and preservatives in foodstuffs and estimation of hormones, enzymes, etc. in biological samples.
- Estimation of heavy metal residues in food, water, air and soil samples.
- Determination of mycotoxin residues in food materials and biological samples.

Link: <https://hiph.alexu.edu.eg/index.php/en/>

16. Veterinary Services Center – Faculty of Veterinary Medicine Objectives:

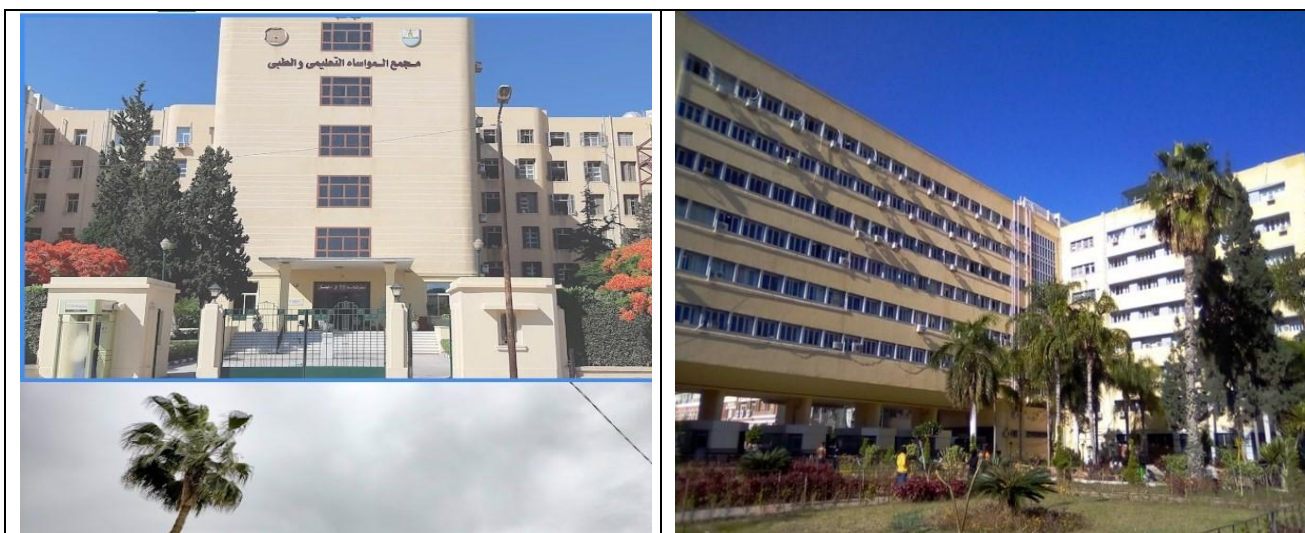
- Producing and improving breeds of poultry, rabbits, quail, cattle and sheep, carrying out fish farming projects, developing other traditional products, manufacturing food products of animal origin, as well as producing non-traditional plants.
- Conducting a medical examination on farm animals as well as pets, providing veterinary care, and carrying out therapeutic medical convoys, providing treatment for a nominal fee in the governorates of Alexandria and Beheira and some neighboring governorates.
- Conducting veterinary examinations and analyses, bacterial, viral, parasitic, and histopathological tests, allergy tests, feed analysis, detection of poultry diseases, and examination of foods of animal origin, in order to serve breeders, farms, companies, agencies, and individuals.
- Conducting research aimed at increasing and improving productivity and treating diseases using the latest scientific methods.
- Holding training courses for newly graduated veterinarians and those working in this field to raise the scientific level and practical application, while training administrative cadres to manage production and service projects.

Medical Technology Center for Research and Services – Medical Research Center Objectives:

- Assisting the university in performing its mission, whether in the field of training in the latest scientific techniques or research.
- Conducting scientific studies and research aimed at solving the problems of society and the surrounding environment.
- Contribute to training doctors and specialists to use the latest modern scientific technologies in the medical and research fields, with the aim of raising their scientific competence and preparing researchers and technicians in various scientific and medical fields.
- Providing research and laboratory facilities to faculty members at Alexandria University in implementing research projects for the university and its colleges and institutes by providing the latest advanced laboratories.
- Strengthening cultural and scientific ties with other universities and scientific bodies at the Arab and international levels and exchanging scientific experiences.
- Holding conferences or seminars that address topics that fall within the jurisdiction and objectives of the center that serves the surrounding environment.
- Expanding the areas of medical services that serve the residents of the region.
- Assisting production activity with scientific methods that lead to the development and creation of new methods that result in abundant, multiplied, and improved production.
- Providing diagnostic medical services and effectively assisting doctors in diagnosing diseases using the latest diagnostic devices.



Center of Excellence for Research in Regenerative Medicine and Applications



Alexandria University has 12 Hospitals which provides services for the Faculty Members, students and the community



Safety and occupational health unit and Crisis and Disaster Unit at each faculty at Alexandria University

Description: Program Objectives

- To continue the role of the Safety Unit at the Faculties in raising awareness about occupational safety and health (OSH).
- To implement OSH requirements across all buildings and departments of the Faculties.

- To provide students with hands-on application of the OSH course, which now meets the needs of the job market for our promising youth.
- To continue the summer activities of the unit.

Specialized Medical Treatment Center - Faculty of Dentistry

Description:

- Contributing to the treatment of community members using the latest scientific and environmental methods for nominal fees
- Providing a distinguished medical and therapeutic service through an elite group of professors in various dental specialties.
- Providing advanced treatment for children with special needs under general anesthesia.
- Receiving doctors coming from Arab countries to learn about the latest scientific techniques in the field of dentistry.
- Providing the opportunity for faculty members to provide distinguished treatment to community members at reasonable prices.
- Activating the college's own resources to develop the educational and research process.
- Providing research, scientific and medical services and contributions at the highest level in the field of dentistry.
- Reducing treatment expenses for university employees (professors - students - employees).

- Contributing to maintenance and repairs within the college.

Link: <https://www.facebook.com/Dent.AlexU.Edu.Eg.Ar?mibextid=LQQJ4d>

Research Projects 2019-2024				
Project Title	Start Year	End Year	Funding Authorities	SDGs
Comparative study of the microbial community in colorectal cancer among Egyptian patients	2019	2021	National	Good health and well-being
targeting Toll like receptors in oral squamous cell carcinoma as a promising gene cancer therapy	2019	2023	National	Good health and well-being
Short-term and long-term trans-generational side effects of Sofosbuvir: Experimental study on female rats	2019	2022	National	
Establishment of familial high risk breast cancer screening program	2019	2021	National	Good health and well-being
Evaluation of the performance of an innovative microbial fuel cell and its applications in Water and industrial Waste Water desalination	2019	2020	National	Clean water and sanitation
The use of real Time PCR (qPCR) for the identification of Potato Viruses, PVY genotypes identification and PVY/host interaction in different Potato Varieties	2019	2021	National	
A pre-clinical study for safe sterilization of male stray dogs and field rats using gossypol	2019	2023	National	
Relationship between PGPR and plant metal homeostasis in west of Alexandria :A potential role to mop up the heavy metals contaminated sites	2019	2021	National	
Neurophysiological, biological and behavioral assessment of efficacy of shields behavioral intervention program in adolescents with ADHD	2019	2022	National	Good health and well-being