

University : Northern Technical University  
Country : Iraq  
Web Address : <https://www.ntu.edu.iq>

### 3.3 Collaborations and health services

#### 3.3.4 - Does your university as a body provide students access to sexual and reproductive health-care services including information and education services?

**Yes, the university provides many health and medical facilities as well as for pregnant women, including the use of free health facilities and periodic examinations. The university also organizes many seminars on sexual health for males and females.**

- ❖ Under the generous patronage of the President of the Northern Technical University, the Department of Anesthesia Techniques and the Department of Pathological Analysis at the Medical Institute organized an awareness campaign titled “Pregnant Women and Anemia.” This campaign aims to raise awareness about the heightened risks of anemia that pregnant women face, which can adversely affect the health of both the mother and the child.

The initiative provides vital information to pregnant women about various centers that specialize in maternal care. Anemia, often caused by iron deficiency, is one of the most common health issues during pregnancy. Iron is a crucial component of hemoglobin, the protein responsible for transporting oxygen to the body's cells and the brain. Adequate iron levels are essential for the body to conduct its vital functions effectively.

Anemia, particularly during pregnancy, poses significant health risks to both the mother and the fetus. As pregnancy progresses, a woman's body produces additional blood, potentially increasing by up to 4 liters, making immediate medical consultation essential to explore treatment options and mitigate symptoms and complications. Furthermore, the fetus requires substantial amounts of iron for growth and must store enough for up to six months after birth.



❖ Northern Technical University organizes an awareness seminar on breast cancer...

Under the patronage and attendance of the President of the Northern Technical University, Prof. Dr. Alia Abbas Ali Al-Attar, the Women's Empowerment Unit and the Department of Media and Public Relations at the University Presidency, in cooperation with the College of Medicine - University of Mosul and Al-Hadbaa University College, organized an awareness seminar entitled Breast Cancer Early Detection is Better than Cure. Present at the seminar:

- Assistant Professor Dr. Alia Abdul Aziz Najm, a lecturer at the College of Medicine, University of Mosul

- Lecturer Dr. Susan Hassan Hamoudi, a department rapporteur at Al-Hadbaa University College

The seminar covered:

- The concept of breast cancer

- Its types

- Methods of prevention

- Means of avoiding the occurrence of the disease

- Its symptoms

- Methods and examination devices for early detection of the disease

The seminar was attended by a large number of university members. At the end of the seminar, the President of the University honored the ladies who lectured at the seminar to enrich the seminar with valuable information.







❖ Mosul Technical Institute A scientific course on breast cancer.

Under the patronage of Prof. Dr. Alia Abbas Ali Al-Attar, President of the Northern Technical University, the Department of Anesthesia Techniques organized a scientific course on breast cancer, and the lectures were given alternately by:-

1. Dr. Dalia Muzaffar Abdul Rahman, Head of the Gynecology Department at the College of Medicine, Nineveh
2. Dr. Nada Khalil Ibrahim, Ministerial Contract, Department of Anesthesia Techniques
3. Dr. Zeina Ahmed Mohammed  
Department of Anesthesia Techniques

The course covered:- A detailed explanation of the breast anatomically and methods of diagnosing breast cancer in the laboratory and radiologically and how to treat the disease in detail

Objective:-

Identifying early breast cancer and methods of examination, prevention and home care for women



❖ Northern Technical University organizes a symposium on the cervix.

The Technical Research Center, in cooperation with the Women Empowerment Division at the university, organized a scientific symposium entitled (Cervical Cancer Causes and Prevention).

Given by Dr. Tahani Ali Aziz Al-Obaidi

The symposium aimed to:-

- Identify cervical cancer as one of the most common malignant tumors in women.
- Warning symptoms that require medical review and consultation
- Understand the risk factors and causes of the tumor.
- Raise awareness of preventive measures and early detection of pre-infection and early infection stages of cervical cancer.

The symposium came out with several recommendations:

- Intensify research on the severity and spread of infection with the human papillomavirus.
- Start a preventive program that includes vaccination against the virus and routine screening through routine cervical smears.
- In addition to periodic screening that starts from the age of 20-64 years for the purpose of diagnosis and treatment.





❖ Northern Technical University organizes a scientific workshop on the role of scientific research and modern technologies in improving the chances of survival from breast cancer. Under the patronage of the President of the Northern Technical University, Prof. Dr. Alia Abbas Ali Al-Attar, the Women's Affairs Unit at the Technical Research Center organized a scientific awareness workshop under the slogan (Because you are life...your awareness is your health) entitled (The role of scientific research and modern technologies in improving the chances of survival from breast cancer) with the participation of a number of female members and students of the university.

The workshop, which was lectured by:

- Asst. Prof. Dr. Alia Abdul Aziz Najm, Oncologist and Radiotherapy / College of Medicine / University of Mosul.

- Asst. Prof. Dr. Younis Jassim Abdullah

Immunology Specialist / Northern Technical University

- Asst. Dr. Tahani Ali Aziz, Gynecologist / College of Medicine / University of Nineveh.

Definition of breast cancer, incidence rate, risk factors, statistics on incidence rates, prevention methods, early diagnosis through self-examination, ultrasound, mammography, radiotherapy and hormonal therapy.

The workshop also addressed: - Definition of the mechanism of the immune system to combat cancer, immunotherapy and the problems facing the development of cancer treatments. The workshop recommended the formation of joint research teams with the College of Medicine at the University of Mosul and the University of Nineveh to study the anti-tumor properties of some natural products and develop cancer research. It is noteworthy that the Women's Affairs Department at the Ministry of Higher Education and Scientific Research has directed the need to raise awareness of breast cancer.



In addition to many other courses, seminars and awareness campaigns on campus for staff and students, and available to the community in general.



- ❖ A **health center** is available at the Northern Technical University to provide many distinguished health services in addition to comprehensive health care services for students, faculty members and staff, and to promote a healthy campus community.