



**Future of Nursing Care in The Light of  
Sustainable Development**  
**FNC** 4<sup>th</sup> International Conference



**The 4<sup>th</sup> International Conference**

**FUTURE OF NURSING CARE IN THE LIGHT OF  
SUSTAINABLE DEVELOPMENT**

**2<sup>nd</sup> and 3<sup>rd</sup> May 2023**

Under the Auspices of

**Prof. Mohamed Ayman Ashour**

Minister of Higher Education and Scientific Research

**Prof. Essam El Din Sadeq Farhat**

President of Minia University

**Prof. Safaa Mohamed Abdel Rahman**

Dean of the Faculty of Nursing

Conference Head

**Prof. Hoda Abdel-Azim Mohammed**

Vice Dean of Post Graduate and Research Affairs

Conference Rapporteur

**Prof. Yosria El-Sayed Hossein**

Vice Dean of Environmental Affairs and Community Development

Conference Secretaries

**Assist. Prof. Jehan Abd El-Rahem Mohamed**

Coordinator of Internship Program

Conference Secretaries

**MISSION:**

The mission of the faculty of Nursing, in the preparation of a graduate is able to provide high-quality nursing care, present advanced scientific research and play an effective role in the field of community service.

Faculty of Nursing, Minia University - "Accredited Faculty" by the National Authority for Quality Assurance and Accreditation of Education 2019

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Welcomed to the Fourth International Conference of Nursing. We looking forward to spend a nice time and enjoy in Minia with scientific profits. The world pays an attention to improve the quality of nursing field because nursing is the base of community health and health is one of the vital life aspects. I hope to all a good scientific sessions and pleasant stay in Minia city and save arrival to back home.

*Thank you*



**Prof. Essam El Din Sadeq Farhat**

**President of Minia University**

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## Dean Welcome Message

**Dear Doctors, Colleagues, Guests, and  
Students**

This is the 4th International Conference “Future of Nursing Care in The Light of Sustainable Development” hosted by Faculty of Nursing, Minia University. It’s very exciting and perfect time to come together to share, learn, and improve the performance of nurses in the light of maintaining sustainable environment. On behalf of the faculty of nursing, I wishing you the very best over the next few days as you work to broaden your knowledge and share your experiences.

**With Dedication and Professionalism**

**Thank you**



**Conference Head**

**Professor. Safaa M. Abdel Rahman**

**Dean of Faculty of Nursing**

**Professor and Head of Nursing Administration Department**

**Faculty of Nursing, Minia University**

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### Dear Colleague

Welcome to 4th International Conference Faculty of Nursing- Minia University. The postgraduate studies and research aspires to find suitable postgraduate programs by following up on the requirements of the labour market. Also, undertook the process of developing scientific research in the faculty by creating an appropriate research environment. Because environmental issues, health and sustainable developments are vital for the international nursing community, it is also essential to determine how nursing research employs the concept of sustainability.



**Thanks**

**Conference Rapporteur**

**Professor. Hoda Abdel-Azim Mohammed**

Vice Dean for Post Graduates and Research Studies

Professor of Women Health and Obstetric Nursing

Faculty of Nursing, Minia University

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### Dear Colleague

In a great pleasure and privilege to welcome you to the 4th international conference of the Faculty of Nursing; Minia University. On behalf at the organizing committee; we hope that you enjoy your time and wish the conference be a beneficial one. Nurses working with environmental issues such as the effects of global warming on the healthcare sector may employ the definition of sustainability and its attributes.



Thanks,

**Conference Secretary**  
**Professor. Yosria El-Sayed Hossin**

Vice Dean of Environmental Affairs and Community Development  
Professor and Head of Community Health Nursing Department  
Faculty of Nursing, Minia University

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**Dear colleagues**

I honorably would like to express my sincere gratitude and welcome you to the 4th International Conference of the Faculty of Nursing; Minia University. Nursing is critical to achieving Sustainable Development Goals3 (Health and Welfare) and has a significant impact on each of the other 16 Sustainable Development Goals. The meaningful contribution of nurses and the wider nursing profession begins with an increased awareness through education, a commitment to research and participation in local and global decision making.



**Thank You,**

**Conference Secretary**

**Assistant Professor. Jehan Abd El-Rahem Mohamed**

**Coordinator of Internship Program**

**Executive Director of Alumni Unit**

**Assistant professor of Medical and Surgical Nursing**

**Faculty of Nursing - Minia University**

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## كلية التمريض – جامعة المنيا

كلية التمريض هي إحدى كليات جامعة المنيا وتقع داخل الحرم الجامعي. تأسست كلية التمريض بجامعة المنيا بالقرار الجمهوري رقم (١٨٤) لسنة (١٩٩٥) بأسم المعهد العالي للتمريض التابع لكلية الطب. ثم صدر القرار الجمهوري رقم (٢٠٠) لسنة (٢٠٠٠) بتحويلها إلى كلية التمريض. بدأت الدراسة بها في العام الجامعي ٩٨١٩٧. وقد صدر القرار رقم (٢١١) لسنة ١٩٩٧م. بتطبيق اللائحة الداخلية لكلية التمريض بجامعة الإسكندرية على المعهد العالي للتمريض بجامعة المنيا، ثم صدر القرار الوزاري رقم (١٠٥٣) بتاريخ ٢٠٠٨/٦/١٥ بشأن اصدار اللائحة الداخلية لكلية التمريض جامعة المنيا (في مرحلة البكالوريوس)، وكذلك تم اصدار القرار الوزاري رقم (٤٢٠) بتاريخ ٢٠١٤/٢/١١ بشأن تحديث اللائحة الداخلية لكلية التمريض جامعة المنيا (في مرحلة البكالوريوس).

وفي مرحلة الدراسات العليا صدر القرار الوزاري رقم (٢٠٠٦) بتاريخ ٢٠١٣/١١/٢٠ بشأن اصدار اللائحة الداخلية لكلية التمريض جامعة المنيا في مرحلة الدراسات العليا (نظام الساعات المعتمدة). و تقدم الكلية ٩ برامج ماجستير و ٩ برامج دكتوراة في التخصصات الاتية: تمريض الباطني والجراحي، تمريض المسنين، تمريض الحالات الحرجة والطوارئ، تمريض صحة الام وحديث الولادة، تمريض الأطفال، التمريض النفسي والصحة النفسية، إدارة التمريض، تمريض صحة المجتمع، و تعليم التمريض. كما تقدم الكلية العديد من برامج الدبلومة مثل (تمريض البالغين، التمريض النفسي والصحة النفسية، تمريض الصحة المهنية، تمريض المسنين، تمريض الحالات الحرجة والطوارئ، رعاية مرضي الحروق، تمريض مرضي الغسيل الكلوي، تمريض مرضي الأورام، تمريض الحالات الحرجة للأطفال والمبتسرين، تمريض صحة الأم، تمريض حديثي الولادة، تمريض العمليات الجراحية، تمريض الأطفال، تمريض المدمنين، تمريض صحة الأسرة، تمريض الصحة الدراسية، إدارة التمريض، تعليم التمريض)

**وتم اعتماد الكلية من الهيئة القومية لضمان الجودة والاعتماد بتاريخ ٢٥ / ١٩ / ٢٠١٩.**

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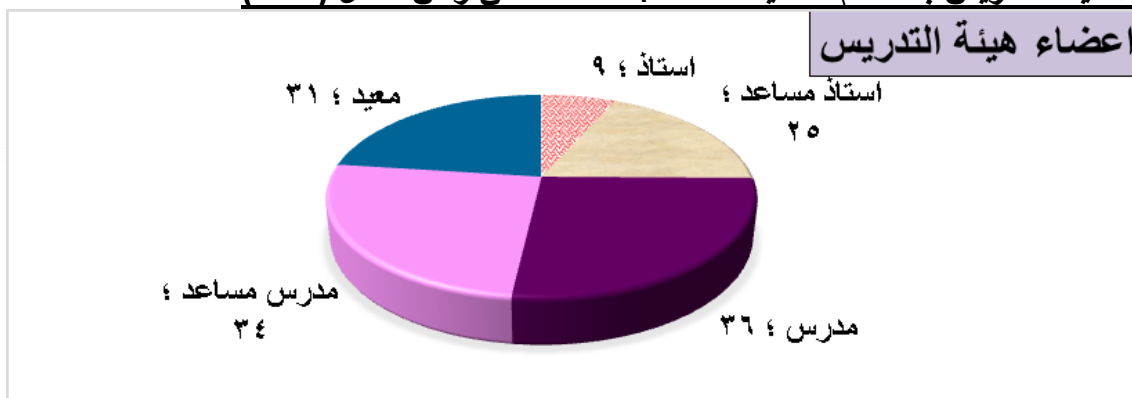
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#### VISION:

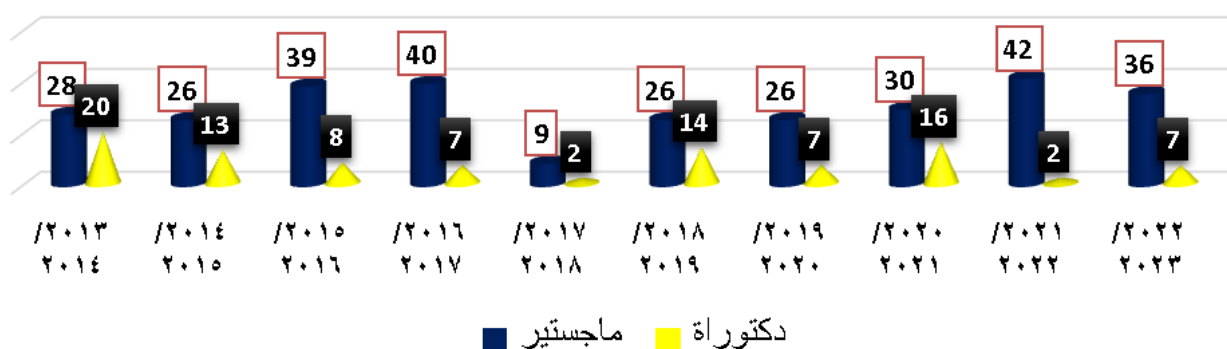
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وتشمل الأقسام العلمية بالكلية علي (٧) اقسام عملية كالاتي: تمريض الباطني والجراحي ، تمريض صحة المرأة والتوليد، تمريض الأطفال ، التمريض النفسي والصحة النفسية، إدارة التمريض ، صحة المجتمع وصحة الاسرة ، و تعليم التمريض

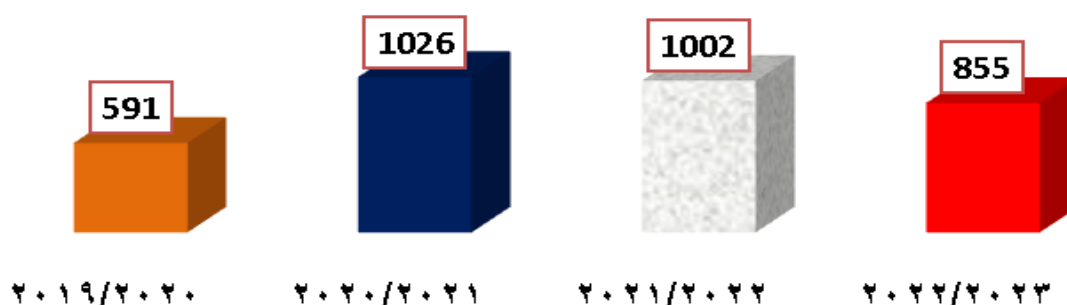
اعداد اعضاء هيئة التدريس بالاقسام العلمية ٢٠٢٢ | ٢٠٢٣ على رأس العمل (١٣٥)



اعداد طلاب الدراسات العليا من عام ٢٠١٣-٢٠١٤ حتى ٢٠٢٢-٢٠٢٣



اعداد طلاب الفرقة الاولى المقيدين



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# Future of Nursing Care in The Light of Sustainable Development

## FNC 4<sup>th</sup> International Conference



### Conference Committees

#### The Supreme Committee of the Conference

**Prof. Safaa Mohamed Abdelrahman**  
**Prof. Yosria El-sayed Hossein**

**Prof. Hoda Abdelazim Mohammed**  
**Prof. Jehan Sayyed Aly Sayyed**

#### Scientific Committee

**Prof. Safaa Mohamed Abdelrahman**  
**Prof. Hoda Abdelazim Mohammed**  
**Prof. Yosria El-sayed Hossein**  
**Prof. Jehan Sayyed Aly Sayyed**  
**Prof. Awatef Abdelrazek Mohamed**  
**Prof. Azza Mohammed Mohammed Hafez**  
**Prof. Joanne C. Jaramillo**  
**Prof. Anabelle Buran-Omar**  
**Prof. Nahed Fikry Hassan Khedr**  
**Prof. Shadia Abdel Kader Hassan**  
**Prof. Soheir M. Weheida**  
**Prof. Wafaa Abdelazeem El-Hosany**  
**Prof. Samah M. AbdAllah**  
**Prof. Entisar Mohamed Younis**  
**Prof. Eslam Ibrahim Ragab**  
**Prof. Kawther Gaber M. Tolba**  
**Prof. Ikram Ibraheem Mohamed**  
**Prof. Manal Farouk Mostafa**  
**Prof. Sahar Ahmed Abood**  
**Prof. Shalbia El-Sayed Abozeid**  
**Prof. Ghadah Abdelrahman Mahmoud**

**Prof. Mervat Ali Khamis**  
**Prof. Fatma Rushdy Mohammed**  
**Prof. Eman Sayed Ahmed**  
**Prof. Ekbal Abd Elraheem Emam**  
**Prof. Inshrah Roshdy Mohammed**  
**Prof. Eman Sayed Masoud Sayed**  
**Assist. Prof. Sanaa Mohamed Aref Mahmoud**  
**Assist. Prof. Sanaa Mahmoud Ahmed Hassane**  
**Assist. Prof. Fares A. Mahdi**  
**Assist. Prof. Amany Anter Mohamed**  
**Assist. Prof. Ola Mohamed Ebrahim**  
**Assist. Prof. Jehan Abd El-Rahem Mohamed**  
**Assist. Prof. Rasha Mohamed Nagib Ali**  
**Assist. Prof. Ebtsam Ahmed Mohamed Bashandy**  
**Assist. Prof. Mona Thabet Abdelbaset**  
**Dr. Adel Mohammed Aljwafi**  
**Dr. Kawther Mahmoud Mahmoud**  
**Dr. Zeinab Mohamed Hassan AbouZeid**  
**Dr. Safaa Ali Abdelnaem Ali**  
**Dr. Sherif Sayed Mohamed Nesnawy**  
**Dr. Yahia Mohamed Sayed Osman**

#### Financial Committee:

**Prof. Safaa Mohamed Abdelrahman**  
**Prof. Yosria El-sayed Hossein**  
**Prof. Jehan Sayyed Aly Sayyed**

**Prof. Hoda Abdelazim Mohammed**  
**Prof. Ekbal AbdElraheem Emam**

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## Future of Nursing Care in The Light of Sustainable Development

**FNC** 4<sup>th</sup> International Conference



### Residence, Reception and Purchases Committee:

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Dr\ Shereen Faiyez Gabra  
Dr\ Asmaa Farghaly Ali Mohamed  
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Al Hassan Mahmoud Shokry Mahmoud  
Mohamed Ali Mohamed Kamel  
Eman Nagy Abdelzاهر Mahfouz  
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Shimaa Gamal Mohammed  
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Dr\ Eman Ali Abdelhamied  
Dr\ Heba Dakrory Ali El-sayied  
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Hossam Hassan Abd-Elmougoud

### Organizing Committee:

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Assist. Prof. Nagat Farouk Abolwafa  
Assist. Prof. Amna Nagaty Aboelmagd  
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Dr\ Hanaa Abdel Elhady Soliman Ahmed  
Dr\ Heba Atef Osman Abd-Elmonem  
Dr\ Magda Fawzy Hasab Allah Youssef  
Dr\ Mona Ahmed Abd-Elhamed Ali  
Abeer Mostafa Abdelmoaty Khaled  
Eman Mohamed Ahmed  
Nesma Kamel Abdelhalim Hussin  
Hyam Mohamed baker Abdelhakeem  
Asmaa Mahmoud Abd elazeem Noah  
Mahmoud Waheed Mahmoud Ali  
Hasnaa Mahmoud Salah Shehata

Assist. Prof. Amal Ahmed Abdelhafez  
Assist. Prof. Amany Hassan  
Dr\ Shaima Shaban Mohamed Gad  
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Dr\ Yahia M. Sayed Osman  
Dr\ Naglaa Fathy Ahmed Mohammed  
Dr\ Hanan Abdelmonem Mohamed  
Rasha Abdelazim Abd Allah  
Mohamed Farouk Omar Abdelal  
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Dr\ Ola Nabil AbouZeid Hassan  
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Asmaa Mustafa Fawzy khalifa  
Naema Saied Mohammed Mohammed

Assist. Prof. Ekhlass M. Ibrahim  
Dr\ Manar Demein Mohammad  
Zeinab Mahmoud abdallah Ali  
Amina khamis Mohamed Seif  
Mr. George Beashara Samuel

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### Nutrition Committee

Assist. Prof. Amany Anter Mohamed  
Assist. Prof. Sabah Saleh Hassan  
Dr. Ebtsam Hanafy Saber Mohammed  
Reda Abdallah Abdel Aziz Abdel\_Gawad  
Ahmed Saad Mohamed Tamam  
Mina Samy Ageeb Botros  
Eman Makhoulf Abd Elaziz Ibrahim

Assist. Prof. Fatma Nagy Kotb  
Assist. Prof. Safaa Mohamed Zaki  
Dr. Tahany Shaaban Mohammed  
Hanan Salem Sanad Mohammed  
Azza Ahmed Fathy Ahmed  
Omima Gameel Mohamed  
Rahma Ahmed Hassan Ali



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## Conference Brief

### Conference Objectives:

- Exchange of information about challenges and new trends in the field of nursing
- Determine future visions for the advancement of the nursing profession
- Discuss the latest evidence-based nursing research
- Identify the impact of climate change on the quality of health care and patient safety
- Enhancing the role of scientific research in the development of nursing care
- Discussing the extent to which the nursing profession adapts to digital transformation.

### The Main Themes of the Conference:

- Challenges and new trends in nursing care
- The future vision for the advancement of the nursing profession
- Evidence-based nursing research
- Health care and patient safety
- Quality of nursing care and community service
- The role of scientific research in the development of nursing care
- Leadership and management skills in the field of nursing
- Health care in light of climate changes
- Digital transformation and the nursing profession

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## FNC 4<sup>th</sup> International Conference



### Conference Agenda

May 2<sup>nd</sup>-3<sup>rd</sup>, 2023

Future of Nursing Care in The Light of Sustainable Development 1 <sup>st</sup> Day: Tuesday 2 May 2023	
9:00 – 10:00 A.M	Registration
10:00 – 11:00 P.M	Opening Ceremony of Conference <b>Prof. Hoda Abdel-Azim Mohammed</b> Vice Dean for Post Graduate and Research Affairs, Conference rapporteur <b>Prof. Safaa M. Abdel Rahman</b> Dean of the Faculty of Nursing Conference Head <b>Prof. Essam El Din Sadeq Farhat</b> President of Minia University
11:00 AM - 12:00 PM	Honoring
12:00 – 1:30 PM	Session (1)
<b>Chairpersons: Prof. Nahed Fikry, Prof. Azza M.M. Hafez, Prof. Safaa M. Abdel-Rahman, Prof. Wafaa Abdelazeem, Prof. Hoda Abdel-Azim Mohammed</b>	
12:00 -12:10 P.M	منظومة التأمين الصحى الشامل ومستقبل التمريض والتعليم الفنى فى هيئة الرعاية الصحية <b>Dr. Kawther Mahmoud Mahmoud</b>
12:10 -12:20 P.M	Ergonomic Principles Application and Health - Related Outcomes. <b>Prof. Soheir M Weheida</b>
12:20 - 12:30 P.M	Student Nurses as Modern Digital Nomads: Developing Nursing Skills Competence and Confidence Through Video-Based Learning. <b>Assist. Prof. Joanne C. Jaramillo</b>
12:30 - 12:40 P.M	Application of Efforts to Improve the Quality of Life in Autoimmune Disorder: Reframing its definition. <b>Assist. Prof. Anabelle Buran-Omar</b>
12:40 – 12:50 P.M	Sustainable Development Awareness among Maternity Nursing Students <b>Prof. Aida Abd El Razek Abd El Rahman</b>

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### Future of Nursing Care in The Light of Sustainable Development

1<sup>st</sup> Day: Tuesday 2 May 2023

12:50 - 1:00 P.M	Nurses' Role in Achieving the Sustainable Development Goals <b>Prof. Eman Sayed Ahmed</b>
1:00 - 1:10 P.M	Environmental Factors Incriminated in Critical Care Diseases <b>Prof. Mohamed Omar Abdel Aziz</b>
1:10 – 1:30 P.M	Discussion
1:30 – 2:00 P.M	Break
2:00 – 3:30 P.M	Session (2)
<b>Chairpersons:</b> Prof. Soheir M.Weheida, Prof. Samah M. Abdalla, Prof. Yosria Elsayed, Prof. Jehan Sayyed, Prof. Entisar Youanis, Dr. Kawther Mahmoud	
2:00 - 2:10 P.M	Innovation and Future Vision for Promotion of Medical Surgical Nursing <b>Assist. Prof. Islam Ibrahim Ragab</b>
2:10 - 2:20 P.M	Pain Management and Digital Health Era <b>Prof. Mohamed Al Qahtani</b>
2:20 – 2:30 P.M	Nurses' Role in the Digital Health Era: Present and Future <b>Assist. Prof. Ola E. Mousa</b>
2:30 – 2:40 P.M	Patient Safety Improvement Strategies in Healthcare Setting <b>Prof. Fatma Rushdy M. Ali</b>
2:40 - 2:50 P.M	The Future Vision for the Advancement of the Nursing Profession <b>Prof. Nahed Shawkat Abo Elmagd</b>
2:50 – 3:00 P.M	Association of Bacterial Vaginosis with Adverse Pregnancy Outcomes <b>Prof. Ahmed R. Eladawy</b>
3:00 - 3:10 P.M	Role of Platelet Rich Plasma in Poor Responder and Premature Ovarian Failure <b>Prof. Abdel-Halim El-Sayed Amin</b>
3:10 – 3:30 P.M	Discussion
3:30 – 4:40 P.M	Session (3)
<b>Chairpersons:</b> Prof. Kawther G. Tolba, Prof. Sahar A. Abood, Prof. Ekbal A. Emam, Prof. Enshrah Roushdy, Assist. Prof. Sanaa M. Aref, Assist. Prof. Islam Ibrahim Ragab	
3:30 – 3:40 P.M	A Climate Change and its Impact on the Health of the Individual, Family and Community <b>Prof. Yosria EL-Sayed Hossein</b>

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1<sup>st</sup> Day: Tuesday 2 May 2023

3:40 – 3:50 P.M	Assessment of Risk Factors for Cholera Epidemic Transmission among Females Employees at Sana'a City, Yemen, Case Control Study. <b>Assist. Prof. Fares A. Mahdi</b>
3:50 - 4:00 P.M	Impact of Climate Change on Health in Yemen <b>Dr. Adel Mohammed Aljawfi</b>
4:00 - 4:10 P.M	Digital Health is Corner Stone for Public Health <b>Assist. Prof .Dr Naglaa Mohammed Amein Ghanem</b>
4:10 - 4:20 P.M	Egypt Strategies to Reduce Prematurity <b>Assist. Prof. Amna Nagaty Aboelmagd Ali</b>
4:20 - 4:30 P.M	Effect Education Program on Mother's Knowledge toward Breastfeeding in Al-Hodieadh Governorate-Yemen 2021 <b>Assist. Prof. Noman Ahmed Yahya Alhatemi</b>
4:30 - 4:40 P.M	<b>Discussion</b>
4:40 P.M	<b>Lunch</b>

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# Future of Nursing Care in The Light of Sustainable Development

## FNC 4<sup>th</sup> International Conference



### Future of Nursing Care in The Light of Sustainable Development

2<sup>nd</sup> Day: Wednesday 3 May 2023

10:00 – 11:00 A.M	Session (1)
<b>Chairpersons:</b> Prof. Awatef Abdelrazik, Prof. Ekram Ebrahim, Prof. Manal Farouk, Prof. Eman S. Masoud, Assist. Prof. Lobna M. Gamal, Assist. Prof. Sana M.A. Hassan	
10:00 – 10:10 A.M	The Future of Artificial Intelligence (AI) in Obstetrics & Gynecology Nursing Assist. Prof. Amal Ahmed Abdelhafez
10:10 – 10:20 A.M	Patient Safety and Quality of Care Assist. Prof. Eman Fadl Abd Elkhalik
10:20 – 10:30 A.M	Efficient Use of Martials in Nursing Practice: Sustainability in Health Care Dr. Bedour Adel Mohamed Ibrahim
10:30 - 10:40 A.M	The Business Model Canvas Dr. Essam Ahmed Abdelhakam
10:40– 10:50 A.M	The Effect of Implementing Evidence Based Practices Guidelines on Women's Knowledge and Practices Regarding Self-Care After Hysterectomy. Assist. Lect. Amany Shehata Ahmed
10:50 – 11:00 A.M	Discussion
11:00 A.M – 12.30 P.M	Session (2)
<b>Chairpersons:</b> Prof. Eman Sayed Ahmed, Prof. Shalabia Abuzeid, Prof. Fatma Roshdy, Assist. Prof. Gehan Ahmed, Assist. Prof. Amany Anter, Assist. Prof. Sahar A. Ali Alshamandy, Assist. Prof. Jehan A. Elrahem	
11:00 - 11:10 A.M	Effect of Proper Enteral Feeding Technique and Abdominal Massage on Selected Gastrointestinal Complications among Stroke Patients. Walaa Abd El Wahab Mohamed
11:10 - 11:20 A.M	Effect of Teaching Program on Adherence of Healthy Lifestyle Behaviors and Clearance of Small Lower Ureteric Stone. Mohamed Gamal Noaman Malek

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#### Future of Nursing Care in The Light of Sustainable Development

#### 2<sup>nd</sup> Day: Wednesday 3 May 2023

11:20 – 11:30 AM	Impact of Health Educational Program for Pregnant Women on Their Selected Postpartum and Newborn Care. <b>Rasha Abd Elazim Abd Allah</b>
11:30 - 11:40 A.M	Effect of Implementing Educational Program on Pregnant Women's Maternal and Neonatal Outcomes Regarding Cervical Cerclage. <b>C.I. Noha Mohamed Ali Abdalla</b>
11:40 - 11:50 A.M	Challenges and New Trends in Nursing <b>Abd El- Rahman Akapy</b>
11:50 A.M - 12:00 P.M	Discussion
12:00 - 1:00 P.M	Closing Sessions & Recommendations
1:00 – 1:30 P.M	Break

#### Work Shops

12:00 – 2:30 P.M	1 <sup>st</sup> Day: Tuesday 2 May 2023
12:00 – 1:15 P.M قاعة الحاسب الالى	Requirements and Challenges during Application of Evidence Based Nursing Practices Methodology to Improve Health Care <b>Medical Surgical Nursing Department</b>
1:15 -2:30 P.M قاعة الحاسب الالى	How to Estimate Sample Size <b>Assist. Prof .Dr. Ekhlass Mohamed Ibrahim</b>

12:00 – 4:00 P.M	2 <sup>nd</sup> Day: Wednesday 3 May 2023
12:00 - 2:00 P.M قاعة الحاسب الالى	The Rubric as a Method of Electronic Assessment <b>Prof. Aida Abd El Razek Abd El-Rahman</b>
١٢:00 – 4:00 PM قاعة تمرير صحة المجتمع بالكلية	Managerial Skills for Nurses Working in Clinical Areas <b>Administration Department</b>

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#### **(Speaker)**

Assistant Professor, University of Doha Science and Technology, Doha, Qatar



### **Assist. Prof. Anabelle Buran-Omar**

#### **(Speaker)**

RN, ND, MD, PhD, Assistant Professor, King Faisal University, Saudi Arabia



### **Dr. Kawther Mahmoud Mahmoud**

#### **(Speaker & Chairperson)**

Nursing Syndicate, Egypt  
Member of the Senate, Egypt



### **Prof. Shadia Abd-Elkader Hassan**

#### **(Chairperson)**

Chairman of the Nursing Sector Committee  
Professor of Maternity and New born Health Nursing, Cairo University



### **Prof. Mohamed Al Qahtani**

#### **(Speaker)**

Professor of Nursing, Faculty of Medical and Technical Science, King Faisal University, Saudi Arabia



### **Prof. Nahed Fikry Hassan Khedr**

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Professor of Obstetrics and Gynaecological Nursing



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Member of the Scientific Committee for Faculty Promotion- Supreme Present Council of Universities- Egypt

Professor of Medical Surgical Nursing, Faculty of Nursing, Alexandria University



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Professor of Nursing Administration



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Dean of Faculty of Nursing, Sphinx University

Professor of Obstetrics & Gynaecology Nursing, Faculty of Nursing, Assuit University



### **Prof. Fatma Rushdy Mohammed**

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Vice Dean for Student and Education Affairs, Faculty of Nursing, Assuit University

Professor of Nursing Administration



### **Assist. Prof. Islam Ibrahim Ragab**

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### **Prof. Nahed Shawkat Abo El-Magd**

**(Speaker)**

Manager of Quality Unit, Faculty of Nursing, Assuit University  
Professor of Nursing Administration



### **Prof. Noman Ahmed Yahya Alhatemi**

**(Speaker)**

Dean of Faculty Nursing, Jibal University for Medicine and Health Sciences, Yemen.  
Assistant Professor at Al-Nabras International College for Technological and Medicine -Zabid- Yemen.



### **Assist. Prof. Fares A. Mahdi**

**(Speaker)**

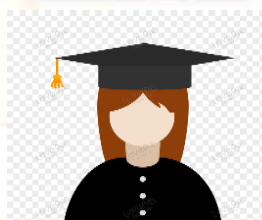
Assistant Professor in Faculty of Nursing - 21 September University, IBN Al-Nafis University, Sana'a, Yemen



### **Assist. Prof. Ola Mohamed Ebrahem Mousa**

**(Speaker)**

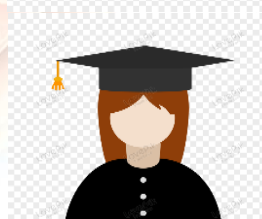
Associate Professor, King Faisal University, Saudi Arabia  
Assistant Professor of Women Health and Obstetric Nursing



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**(Chairperson)**

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Professor of Obstetrics and Gynaecology Nursing



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### **Prof. Ghada Abdelraman Mahmoud**

Vice Dean of Faculty of Nursing, Sphinx University

Professor of Obstetrics & Gynaecology Nursing, Faculty of Nursing, Assuit University



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Assistant Professor of Nursing Administration



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### **Prof. Eman Sayed Masoud Sayed**

**(Chairperson)**

Professor and Head of Paediatric Nursing Department, Faculty of Nursing, Minia University



### **Prof. Abdel-Halim El-Sayed Amin.**

**(Speaker)**

MD., Ph.D. Clinical Fellow of Infertility & Assisted Reproduction, USA.  
Professor of Obstetrics & Gynecology Medicine, Faculty of Medicine, Minia University



### **Prof. Mohamed Omar Abdel Aziz**

**(Speaker)**

President of Upper Egypt Critical Care  
Head of Critical Care Unit, Faculty of Medicine, Minia University  
Associate Prof of Internal Medicine and Critical Care



### **Prof. Aida Abd El-Razek Abd El-Rahman**

**(Speaker)**

Professor of Maternity and Newborn Health Nursing, Faculty of Nursing, Menoufia University



### **Prof. Eman Sayed Ahmed**

**(Speaker & Chairperson)**

Professor and Head of Paediatric Nursing Department, Faculty of Nursing, Assiut University



### **Prof. Ahmed Reda Eladawy**

**(Speaker)**

Professor of Obstetrics & Gynecology Medicine, Faculty of Medicine, Minia University



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### **Assist. Prof. Lobna Mohamed Gamal**

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Assistant Professor of Medical Surgical Nursing, Faculty of Nursing



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### **Assist. Prof. Jehan Abd El-Rahem Mohamed**

#### **(Conference Secretary)**

#### **(Chairperson)**

Coordinator of Internship Program, Faculty of Nursing, Minia University

Executive Director of Alumni Unit

Assistant Professor of Medical Surgical Nursing



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#### **(Speaker)**

Assistant Professor of Women Health and Obstetric Nursing, Faculty of Nursing, Minia University



### **Assist. Prof. Naglaa Mohammed Amein Ghanem**

#### **(Speaker)**

Assistant Professor of Community Health Nursing, Faculty of Nursing, Minia University



### **Assist. Prof. Eman Fadl Abd Elkhalik**

#### **(Speaker)**

Assistant Professor of Medical Surgical Nursing, Faculty of Nursing, Minia University



### **Assist. Prof. Rasha Mohamed Nagib Ali**

Assistant Professor of Nursing Administration, Faculty of Nursing, Minia University



### **Assist. Prof. Ebtsam Ahmed Mohamed Bashandy**

Assistant Professor of Nursing Administration, Faculty of Nursing, Minia University



### **Assist. Prof. Amna Nagaty Aboelmagd Ali**

#### **(Speaker)**

Assistant Professor of Paediatric Nursing, Faculty of Nursing, Minia University



### **Dr. Essam Ahmed Abdelhakam**

#### **(Speaker)**

Lecturer of Nursing Administration, Faculty of Nursing, Minia University



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**Dr. Bedour Adel Mohamed Ibrahim**

**(Speaker)**

Lecturer of Medical Surgical Nursing, Faculty of Nursing, Minia University



**Assist. Prof. Mona Thabet Abd-Elbaset**

Manager of Quality Unit, Faculty of Nursing, Minia University.

Assistant Professor and Head of Nursing Education Department.



**Dr. Sherif Sayed Mohamed Nesnawy**

Lecturer of Medical Surgical Nursing, Faculty of Nursing, Minia University



**Dr. Safaa Ali Abdelnaem Ali**

Lecturer of Women Health and Obstetric Nursing, Faculty of Nursing, Minia University



**Dr. Yahia Mohamed Sayed Osman**

Lecturer of Paediatric Nursing, Faculty of Nursing, Minia University



**Dr. Zeinab Mohamed Hassan Abou-Zeid**

Lecturer of Community Health Nursing, Faculty of Nursing, Minia University



**Dr. Adel Mohammed Ali**

**(Speaker)**

Assistant Lecturer of Community Health Nursing - Faculty of Medicine and Health Science, Tamar University



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### **Assist. Lect. Walaa Abd El Wahab Mohamed**

#### **(Speaker)**

Assistant lecture of Medical Surgical Nursing, Faculty of Nursing, Minia University



### **Assist. Lect. Amany Shehata Ahmed**

#### **(Speaker)**

Assistant Lecturer of Women Health and Obstetric Nursing, Faculty of Nursing, Damietta University



### **Assist. Lect. Rasha Abd Elazim Abd Allah**

#### **(Speaker)**

Assistant lecturer of Women Health and Obstetric Nursing, Faculty of Nursing, Minia University



### **Assist. Lect. Mohamed Gamal Noaman Malek**

#### **(Speaker)**

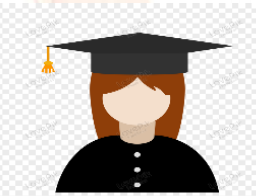
Assistant lecturer in Community Health Nursing, Faculty of Nursing, Minia University



### **C.I. Noha Mohamed Ali Abdalla**

#### **(Speaker)**

Clinical Instructor, Technical Institute of Nursing, Minia University  
Master Degree of Women Health and Obstetric Nursing



### **C.I. Shimaa Mahmoued Mohammed Mostafa**

#### **(Research)**

Clinical Instructor, Faculty of Nursing, Minia University  
Master Degree of Women Health and Obstetric Nursing



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# Abstracts

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### Student Nurses as Modern Digital Nomads: Developing Nursing Skills Competence and Confidence through Video-Based Learning

**Joanne C. Jaramillo, PhD in Nursing**

University of Doha Science and Technology, Doha Qatar

#### Abstract

The skill competency of the nursing staff relates to healthcare outcomes. Preparing graduates to provide safe, high-quality nursing care is the foundation of any nursing education. Indeed, the COVID-19 pandemic has changed nursing education with the implementation of new pedagogical techniques such as blended learning. **The purpose of this study** is to assess the efficacy of video-based training in determining students' performance and levels of confidence in selected nursing procedures. It also attempts to explore the elements that influence the performance and confidence of nursing students. This research utilized a quasi-experimental design. **This survey included** a total of 44 students enrolled in the nursing diploma program. Using quota selection, the researcher split the students into two groups. The control group received face-to-face instruction in the laboratory. For the study group, the students recorded and uploaded three films of the steps via the Blackboard platform. At various demonstration periods, the study group outperformed the control group significantly. Students in the study group performed better at hand washing in the first and second trials, as well as in the final evaluation, compared to those in the control group. The **conclusion** of this study was that student motivation and participation can improve learning results. This combination of web-based training with audio-visual material has many advantages. The mean self-confidence score of the study group is substantially greater than that of the control group. This example demonstrates how audiovisual materials can be used to teach various nursing topics

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However this is not without challenges. A number of challenges today hinder the patients suffering from cancer and chronic diseases to have access to palliative care. These include: limited availability of palliative care services, poor coordination among various specialties and disciplines, lack of communication about patient's goals and preferences, limited research evidence related to palliative care and so on. Moreover, this is not one-sided, it is definitely a challenge for the small number of healthcare professionals also to attend and provide the best possible palliative care to the huge and increasing number of patients suffering with cancer. Hence it is the need of the hour to have adequate and competent workforce esp. nurses in the field of palliative care in order to bring down the agony of such life-threatening diseases like cancer and chronic diseases



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## Impact of Climate Change On Health In Yemen

**Adel Mohammed Aljawfi**

Assistant Lecturer of Community Health Nursing - Faculty of Medicine and Health Sciences - Tamar University

### Abstract

The climate change has implications for human health and wellbeing. The adverse effects will arise on our most fundamental determinants of health: food, water, air and a safe environment. Health is already affected and the impacts are expected to increase as climate variability and change continue. The World Health Organization (WHO) predicts that between 2030 and 2050, climate change is expected to cause approximately 250,000 additional deaths per year from malnutrition, malaria, diarrhea and heat stress. The world's climate is changing and will continue to change into the coming century at rates projected to be unprecedented in recent human history. Climate change has made weather less predictable and has increased environmental degradation. Environmental degradation has historically influenced political stability. Variables like rapid population change, water and food scarcity, migration, energy and natural resources consumption are already causing problems and will continue to be impacted by climate change. Yemen is located in the Middle East, at the southern tip of the Arabian Peninsula. Climate change is one of the global inevitable challenges that face societies in our time. Due to climate change, various sectors are affected, and one of the sectors is healthcare. Climate change may affect the prevalence and morbidity and mortality rates of diseases.

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## Pain Management and Digital Health Era

**Prof. Mohamed Al Qahtani**

Ph.D. in nursing, King Faisal University, Saudi Arabia.

### Abstract

Pain is recognized as the body alarm system that reminds us of the environmental threat, muscle damage or the presence of some disease condition (1, 2). The pain is directly related to negative emotions. Depression, anxiety, sleeps problems, fatigue/lack of energy, and neurocognitive abnormalities are all common comorbidities of chronic pain. The burden of chronic pain is significant on the individual and society, and it is urgent that evidence-based pain management programs reach as many people as possible. The use of digital cognitive-behavioral self-management interventions has shown promise. There are several challenges involved with such interventions for chronic pain, however, and evidence is still scarce. Developing meaningful digital self-management interventions for chronic pain patients may require exploring patients' experiences and engagement with digital interventions. Digital therapeutics (DTx) is a new therapeutic modality being accepted as medical applications of software programs or digital devices. DTx is defined by the Digital Therapeutics Alliance as "evidence-based therapeutic interventions driven by high-quality software programs"

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### Ergonomic Principles Application and Health - Related Outcomes.

**Soheir M Weheida<sup>1</sup>, Yasmin M Ahmed<sup>2n</sup>, Rowida A. Niazy<sup>3th</sup>**

1, 2,3 Department of Medical Surgical Nursing, Faculty of Nursing, Alexandria University, Applied information system and quality management IT Lecturer

#### Abstract

The era of 21<sup>st</sup> century is often regarded as an era of technology. It is considered the mother of civilizations, of arts and of sciences. Technology today, plays a very important role in our life. The impact of new technologies can be felt in every possible field, one such field is Education. Recently, the emergence of new pathogens such as; the novel coronavirus of 2019 (COVID-19) has created a global health crisis. The outbreak of pandemic throughout the world has paralyzed all social activities and affects multiple systems including the education system. It also forced many organizations around the world including universities to make full use of a variety of emerging online communication platform technologies to ensure the education process remains uninterrupted. Utilization of online educational platforms were very useful for both professors and students during this critical time. Unfortunately, increases the dependency on digital education platforms has its negative impact on students mentally and physically. Its primarily triggers various mental problems like difficulties in concentration, social isolation, low emotional stability and greater risk for depression or anxiety.

It also creates various physical health issues like digital eye strain that characterized by dry eye, burning sensation, blurred vision, headache and several other problems. Musculoskeletal complaints and sleep disorders are also on the rise. In addition, digital platforms overuse had a role in turning teachers and students' life into sedentary lifestyle which can lead to various chronic diseases including obesity, heart diseases, type 2 diabetes and various types of cancer. However, students are often unaware of the negative consequences that can result from lack of ergonomic knowledge. The nurse as an educator has responsibility for teaching her students how to apply the basic ergonomic principles during their digital learning process. Ergonomic principles education that addresses correct posture, workstation design, and work habits has been shown to prevent injury, improve health outcomes and promote healthy lifestyle for nursing students during digital education platforms utilization. Therefore, Current and future health care professionals must be able to assess, teach and model proper ergonomics use in order to prevent digital education platforms health- related injuries.

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## Nurses' Role In The Digital Health Era: Present and Future

**Assist. Prof. Ola Mousa**

Ph. D in Nursing, King Faisal University, Saudi Arabia.

### Abstract

Nurses have many tasks to perform on a daily basis, including charting, collaborating with doctors and other healthcare team members, procuring medications or supplies, operating medical equipment, and analyzing diagnostic exam results. With the digital transformation in the health sector, nursing participates in this innovative process, as technological resources are already part of the routine of nursing professionals, expanding their field of action. It benefits everyone when nurses have more time to spend with patients. Nurses can benefit from technology by making their daily tasks faster and more efficient or, in some cases, by completing them fully. Several innovations are transforming healthcare for nurses, including robotics, analytics, mobile devices, and diagnostic devices. Including end users such as nurses in the conversation early can benefit healthcare organizations, clinicians, and patients. Digital health is not just a new way of working. It is a new way of thinking and doing. Incorporating information and communication technologies (ICTs) into healthcare has many benefits – both for patients and nurses.

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## Sustainable Development Awareness Among Maternity Nursing Students

**Prof. Aida Abd El Razek Abd El Rahman**

Professor of Maternity and Newborn Health Nursing Faculty of Nursing, Menoufia University

### Abstract

Sustainable development awareness has an important place in nursing education. While the Sustainable development awareness sets out the determinants of health, they also provide guidance to maternity nurses for their interventions. In this respect, it is important to determine the awareness of maternity nursing students and to address this issue in nursing education.



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## Nurses' Role In Achieving The Sustainable Development Goals

**Prof. Eman sayed Ahmed <sup>1</sup>**

Professor and head of pediatric Nursing, Faculty of Nursing, Assiut University

### Abstract

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity.

The 17 SDGs are integrated—they recognize that action in one area will affect outcomes in others, and that development must balance social, economic and environmental sustainability.

Nurses provide care to patients in all contexts and at all stages of their lives. Their contributions are crucial to meeting global goals like Universal Health Coverage (UHC) and the Sustainable Developmental Goals (SDG) which present challenges and opportunity to improve nursing services

Change and impact starts with every one of us!

Each and every nurse on this planet has a voice and can use that voice to make a difference. Leadership and political activism are key to making nurse's voice heard.

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### Environmental Factors Incriminated In Critical Care Diseases

**Prof. Mohamed Omar Abdel Aziz**

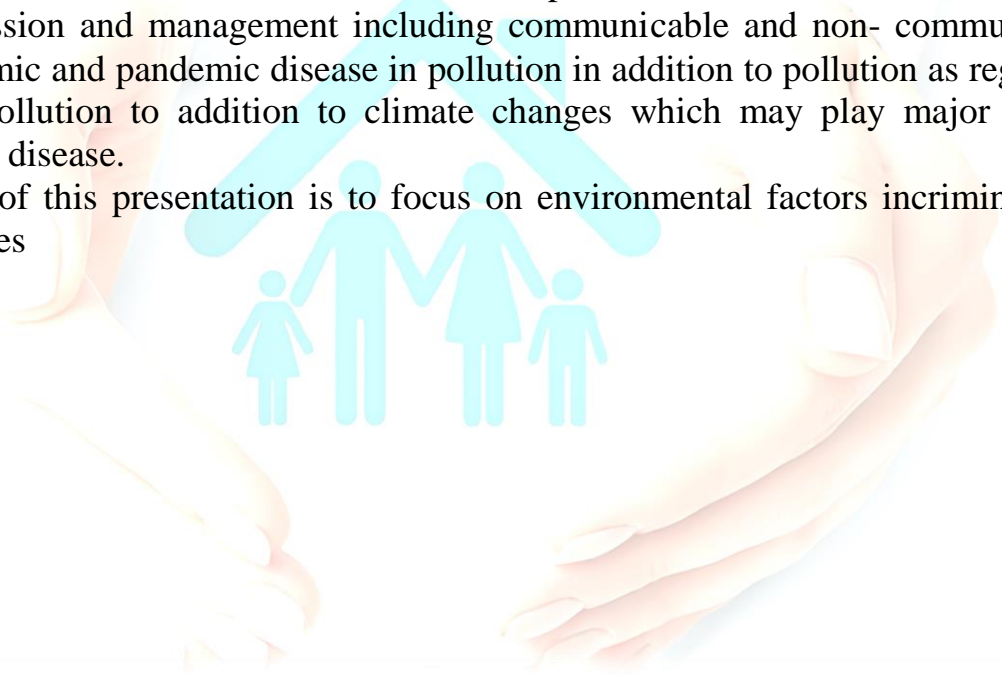
Associate Prof of internal medicine and critical care  
Head of critical care unit, Faculty of medicine, Minia University  
President of Upper Egypt critical care association

#### Abstract

Critical care diseases constitute major problem facing the government in general and the ministry of health selectively as the cost of treatment of critical care is very high and number of beds in comparison with the number of population

Multiple causes can lead to deterioration of the patient condition lead to the need for critical care admission and management including communicable and non- communicable diseases and endemic and pandemic disease in pollution in addition to pollution as regard air water food soil pollution to addition to climate changes which may play major role in appearance of new disease.

So the aim of this presentation is to focus on environmental factors incriminated in critical care diseases



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## Association of Bacterial Vaginosis with Adverse Pregnancy Outcome

**Prof. Ahmed Reda Eladawy**

Professor of Obstetrics & Gynecology Medicine, Faculty of Medicine, Minia University

### Abstract

**Objective:** To examine whether there is a relationship between bacterial Vaginosis, premature rupture of membranes (PROM) and preterm labor (PTL). **Study design:** Two hundred pregnant woman at less than 34 weeks gestation were screened for bacterial Vaginosis. The diagnosis of bacterial Vaginosis (B.V) was based on vaginal pH $\geq$ 4.5 and gram stain of vaginal smears. The occurrence of (PROM) and (PTL) was recorded for each case. **Setting:** El- Minia University Hospital. **Results:** The prevalence of (B.V) among healthy pregnant woman ,women with (PROM) and those delivering prematurely was (13/125= 10.4%),(7/23=30.43%) and (14/52=26.73%) respectively. Women with bacterial Vaginosis were found to be more likely to develop PROM and preterm labor when compared to healthy pregnant woman (p-value =0.0026 and 0.0030) respectively. **Conclusion:** Bacterial Vaginosis (B.V) occurs in a significantly higher proportion of women with adverse pregnancy outcome compared to those with healthy pregnancy. Bacterial Vaginosis should be thoughtfull of when dealing with a case of adverse pregnancy outcome especially if it is of unknown origin.

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## Assessment of Risk Factors for Cholera Epidemic Transmission among Females Employees at Sana'a City – Yemen – Case Control Study.

Fares A. Mahdi <sup>1</sup>, Safa A. Kutib <sup>2</sup>, Soad A. Sharkawy <sup>3</sup>, Fayza M. Mohammed <sup>4</sup>

1. Assistant professor in faculty of Nursing - 21 September University, IBN Al-Nafis University - Sana'a - Yemen.
2. Professor of Community Health Nursing, Faculty of Nursing, Assiut University, Egypt.
3. Assistant Professor of Community Health Nursing, Faculty of Nursing, Assiut University, Egypt.
4. Assistant Professor of Community Health Nursing, Faculty of Nursing, Assiut University, Egypt.

### Abstract

**Background:** Cholera causes an estimated 1.3–4.3 million illnesses and 30,000–140,000 deaths worldwide each year, Cholera is caused by toxigenic *Vibrio cholerae* serogroup O1 or O139 and is transmitted through the fecal–oral route. As such, infection is usually associated with drinking contaminated water and poor hygiene and sanitation (World Health Organization, 2017). **Aim of this study:** This study aimed to identify risk factors for cholera transmission in Sana'a city, Yemen. **Methodology:** We conducted an unmatched case–control study. Cases were identified from health unit records of Sana'a University, we interviewed 230 participants on socio-economic, household hygiene, food and water exposures practices using a semi-structured questionnaire. Data was analyzed using SPSS 22 versions,  $P < 0.05$  was considered to be statistically significant. **The results** The 230 participants included 45 (19.5 %) cholera cases and 185 (80.5%) controls. Ages ranged from 15 years to 65 years; with a mean of (20.0±47.0) years. The cholera attack rate was 0.16 % with no fatality according WHO. Report 2017. Most participants 206 (89.5 %) had heard of cholera. Poor hygienic practices 199 (85.5.2 %) and contaminated water sources 159 (69.1 %) were the main reported transmission routes of cholera. Good hygienic practices 211 (91.7 %) were the main preventive methods of cholera in both cases 45 (84.6 %) and controls 185 (89.0 %)]. Risk factors of cholera in the study population analysis showed most participants 186 (80.8 %) practiced good food preservation methods. Moreover, many 108 (46.9 %) ate outside their homes such as in restaurants. Those with cholera were 11.2 times more likely to practice poor food preservation methods than those without the disease ( $p < 0.0001$ ). **In conclusion:** The cholera transmission risk factors in Sana'a city were related to water and sanitation hygiene Moreover, it was demonstrated that not washing khat before chewing is a specific risk factor for cholera Therefore, increasing awareness of the population on the importance of water chlorination, and washing fruits, Khat and vegetables through a health education campaign is strongly recommended.

**Keywords:** Assessment, Cholera, epidemic Risk Factors.

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## Effect Education Program on Mother's Knowledge Toward Breastfeeding in Al-Hodieadh Governorate-Yemen 2021

**Noman Ahmed Yahya Alhatemi**

Assistant professor at Al-Nabras international college for Technological and Medicine-Zabid- Yemen. Dean of faculty Nursing Jibal University for Medicine and health sciences, Yemen.

### Abstract

**Background:** Breastfeeding is an essential and very important for public health and growth newborn. It is considered as the appropriate method feeding to provide necessary nutrition for newborn. The study aimed to: This study aimed to increase mothers' knowledge and practice about breastfeeding. Methods: The quasi-experimental research design was utilized in this study. Result: the finding this study reveal that effect of the education program on mothers' knowledge toward breastfeeding. The total score of mothers' knowledge about breastfeeding showed that; out of 135, (8.1%) of mothers had good knowledge in pretest and their knowledge improved after implemented to be 76.3% in posttest, and 56.3% in follow up test. Conclusion: The present study findings highlighted effect of education programme on mothers' knowledge toward breastfeeding. Also, this study discovered that there is relation between the characteristic and mothers' knowledge was observed after implemented education programme. Recommendation: Yemenis' mothers need to continue education program about breastfeeding, particular the mothers who lives in rural areas.

**Keyword:** knowledge, education, breastfeeding, mother

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## Effect of Teaching Program on Adherence of Healthy Lifestyle Behaviors and Clearance of Small Lower Ureteric Stone

Mohamed Gamal Noaman Malek<sup>1</sup>, Yosria El- Sayed Hussein<sup>2</sup>,  
Alayman Fathy Hussein<sup>3</sup>, Amal Hashem Mohammed<sup>4</sup>.

1. M.Sc.in Nursing, Minia University,
2. Professor of Community Health Nursing, Faculty of Nursing, Minia University;
3. Prof. of Urology, Faculty of Medicine - Minia University;
4. Assistant prof of Community Health Nursing, Faculty of Nursing, Minia University.

### Abstract

**Background:** Urinary stone affects about 12% of the world's population and has become a worldwide health problem. Lifestyle behaviors can contribute to the risk of urinary stone formation; addressing these behaviors adequately can provide a simple and more cost-effective measure for the prevention of urinary stones and the reduction of their recurrence among urinary stone patients. **The current study aimed to** evaluate the effect of the teaching program on adherence of healthy lifestyle behaviors and clearance of small lower ureteric stone. **Research design:** Quasi-experimental design (two groups pre-test, post-test) was used to achieve the aim of this study. **Sample:** A purposive sample of 60 patients was divided into two groups (30 patients in the study group and 30 patients in the control group). **Tool (I):** A structured interviewing questionnaire that includes part one: demographic characteristics of the patients, part two: included present medical history and previous medical history. **Tool (II):** Adherence of healthy lifestyle behaviors scale: it was divided into three subscales regarding consumption of restricted foods, consumption of fluids, and healthy usual self-activities. **Tool (III):** Patients' outcome sheet. **Results:** There are statistically significant differences between both groups post-teaching program regarding satisfactory adherence level of healthy lifestyle behaviors. The clearance of a small lower ureteric stone occurred in the study group more than in the control group and there was a statistically significant difference. **Conclusion:** The study concluded that the teaching program has a positive effect on adherence of healthy lifestyle behaviors to enhance stone clearance and prevent its recurrence. **Recommendations:** Creation of an educational unit for urinary tract stone patients in the nephrology and urology hospital. Conducting similar studies on a larger probability sample is recommended to achieve generalization of the findings

**Keywords:** Adherence, Clearance, Lifestyle, Program, Ureteric Stone

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### Impact of Health Educational Program for Pregnant Women on their Selected Postpartum and Newborn Care

Rasha Abd Elazim Abd Allah <sup>1</sup>, Hoda Abd-Elazim Mohamed <sup>2</sup>, Hany Hassan Kamel <sup>3</sup>

1. Assistant lecturer of Maternity & Newborn Health Nursing, Faculty of Nursing – Minia University.
2. Professor of Maternity & Newborn Health Nursing, Faculty of Nursing – Minia University.
3. Professor of obstetrics and Gynecological, Faculty of medicine –Minia University.

#### Abstract

**Background:** Mother and newborns are incredibly susceptible during the post-natal period, which is also characterized by high rates of sickness and mortality. Knowledge of post-natal care plays a crucial role in preventing these problems. **Aim of the study:** to evaluate the impact of health educational program for pregnant women on their selected post-partum and newborn care. **Research design:** quasi-experimental research design (one group pre-test, post-test) was used to fulfill the aim of this study. **Sample:** A purposive sample composed of 70 pregnant women was used in this research. **Tool of data collection:** three tools were used: Tool (I): an interviewing questionnaire. **Tool (II):** pregnant women's knowledge about post-partum and newborn care, **Tool (III)** observational checklist regarding post-partum and newborn care. **Results:** The findings of this study revealed that (75.70%) of the studied sample had poor knowledge level before the implementation of the educational program, while (90.00 %) of the study sample had good knowledge immediately after the implementation of the educational program and slightly decreased to (85.70%) in the first day post-partum with highly statistically significant differences which P-value  $\leq 0.0001^{**}$ , in addition, the results illustrated a significant improvement in total practice regarding post-partum and newborn care among pregnant women in post-test as compared to pre-test (P-value  $\leq 0.0001$ ). **Conclusion:** This study concluded that implementing the health education program effectively improved pregnant women's overall knowledge and practice towards post-partum and newborn care. **Recommendation:** Regular training programs to educate pregnant women, especially primigravida, to improve their knowledge and practice about post-partum and newborn care, which can reduce maternal and newborn morbidity and mortality.

**Keywords:** health educational program, post-partum care, newborn care.

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## The Effect of Implementing Evidence Based Practices Guidelines on Women's Knowledge and Practices Regarding Self-Care after Hysterectomy

Amany Shehata Ahmed <sup>1</sup>, Azza Mohamed Mohamed Hafez <sup>2</sup>, Manal Farouk Mustafa <sup>3</sup>,  
Entisar Mohamed Youness <sup>4</sup>, and Momen Mohamed Hassan <sup>5</sup>

1. Assistant Lecturer at Maternity & Newborn Health Nursing, Faculty of Nursing, Damietta University, Egypt.
2. Professor of Woman's Health & Obstetrical Nursing, Faculty of Nursing, Minia University, Egypt.
3. Professor and head of the department of Obstetrics & Gynaecological Nursing, Faculty of Nursing, Assuit University, Egypt.
4. Professor of Obstetrics & Gynaecological Nursing, Dean of Faculty of Nursing, Sphinx University, Egypt.
5. Professor of obstetrics & Gynaecology, Faculty of Medicine, Minia University, Egypt.

### Abstract

**Introduction:** Evidence-based practices guidelines for women undergoing hysterectomy are considered a strategy for promoting their health and wellbeing. Self-care is the ability of individuals, families, and communities to promote health, prevent disease, maintain health, and to cope with illness and disability with or without the support of a healthcare provider. **Aim:** This study aimed to evaluate the effect of implementing evidence-based practices guidelines on women's knowledge and practices regarding self-care after hysterectomy. **Subjects and Methods:** A Quasi-experimental (one group pre & post-test) design was utilized in this study. A purposive sample of 60 women was recruited in this study that was conducted at gynaecological departments of Minia university hospital, Egypt. The study utilized four tools, (I) Structured interview questionnaire, (II) Structured questionnaire on women's knowledge, (III) Women's self-reported practices, & (IV) Follow up questionnaire. **Results:** The study's main findings revealed that (88.30%) of women had inadequate knowledge and (98.30 %) of them had unsatisfactory practices regarding self-care after hysterectomy in the pre-test. While, after application of evidence-based practices guidelines, it was observed that there was a highly statistically significant improvement ( $P \leq 0.001$ ) in women's total knowledge and practices. The most common health problems experienced within 6 weeks after hysterectomy was night sweats & hot flashes (86.6 %). **Conclusion:** Implementing evidence-based practices guidelines was effective and significantly improved women's knowledge and practices regarding self-care after hysterectomy. **Recommendations:** Discharge planning regimen for self-care practices after hysterectomy should be developed and implemented pre-and post-operatively to prevent complications

**Keywords:** Hysterectomy, knowledge, Practices, & self-care

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### Effect of implementing Triage Training Program on obstetric Nurses' Performance

**Shimaa Mahmoued Mohammed Mostafa<sup>1</sup>, Ekbal Abdel Raheem Emam<sup>2</sup>,  
Entisar Mohammed Youness<sup>3</sup>**

1. Master degree, Faculty of Nursing, Minia University, Egypt.
2. Professor of women's health & obstetrical Nursing, Faculty of Nursing, Minia University, Egypt.
3. Professor of obstetrics & gynecological Nursing, dean of nursing faculty sphinx University Assuit, Egypt.

#### Abstract

**Background:** The obstetric triage nurse is often a patient's first point of contact with the birth unit. The triage unit nurse is instrumental in identifying the patient who presents with urgent or emergent conditions and preventing denial and delay in appropriate care. So the Obstetric Triage Education course is the first course addressing obstetric triage unit nursing care and is an essential component in a triage unit nurse's orientation. The aim is to assess the effect of implementing triage training on obstetric nurses' performance. **Research Design:** quasi-experimental pre/post-test design **Setting:** Conducted at Maternity and Child Minia University Hospital's delivery, labor, filter clinic, and highly dependent unit on. **Sample:** A convenient sample of all nurses (63 nurses). **Tools:** Two tools: the **first tool** consisted of two parts: (1) a self-administered questionnaire; the second part (2) assessed the obstetric nurses' knowledge regarding obstetric triage; **the second tool** (3) was an observational checklist to assess the nurses' practice. **Results:** findings of actually study this demonstrates that no nurses had adequate knowledge pre-triage training program compared to 64.40 % of nurses had adequate knowledge post-triage training program. Additionally, 83.10 % of nurses had satisfactory level of total practice post - triage training program compared to 0% pre-triage training program. **Conclusion:** The level of knowledge and practice had increased after the implementation of the triage training program (p 0.001). **Recommendation:** Regular educational programs are needed for nurses to maintain and refresh their knowledge and practice regarding obstetric triage.

**Keywords:** Obstetric Nurses' Performance, Triage , Training Program.

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## Effect of Proper Enteral Feeding Technique and Abdominal Massage on Selected Gastrointestinal Complications among Stroke Patients

Walaa Abd El Wahab Mohamed <sup>1</sup>, Jehan Sayyd Ali <sup>2</sup>, Jehan Ahmed Gamal El-Deen <sup>3</sup>, Sherif Nesnawy <sup>4</sup>

1. Assistant lecture of Medical-Surgical Nursing, Faculty of Nursing - Minia University.
2. Professor of Medical Surgical Nursing, Faculty of Nursing – Minia University.
3. Assistant Professor of Medical-Surgical Nursing, Faculty of Nursing - Minia University
4. Lecturer of Medical-Surgical Nursing, Faculty of Nursing - Minia University.

### Abstract

**Background:** Despite utilization of enteral feeding is an important determinant for stroke patients' recovery, gastrointestinal complications still may occur. The basic goals of nursing care are to prevent complications. Therefore, utilizing techniques such as abdominal massage with proper enteral feeding has been proved to improve various digestive functions. **The aim of the study:** To evaluate the effect of proper enteral feeding technique and abdominal massage on selected gastrointestinal complications among stroke patients. **Research design:** Quasi-experimental research design was utilized. **Subjects:** A purposive sample including (60) adult stroke patients classified equally into two equal groups study and control group (n = 30). **Setting:** Conducted at the Minia University Hospital's Stroke department in the Minia governorate. **Tools:** Four tools were utilized to collect data, the first tool is a structured interview assessment sheet that includes two parts (socio-demographic characteristics and medical data) the second tool includes three parts for assessing selected gastrointestinal complications. The third and fourth tools for abdominal massage and proper enteral feeding techniques. **Results:** The gastric residual volume difference between the study and control group subjects was statistically significant ( $P < 0.0001$ ) on the third-day post-intervention. The difference between the two groups regard to the distension and vomiting occurrence was statistically significant relation on the third day ( $P < 0.01$ ,  $P < 0.013$ ) respectively. **Conclusion:** The study findings concluded that the study group has reduced mean average of gastric residual volume, the distention, and vomiting episodes occurrence than the control group with significance on the third day. **Recommendations:** The in-service educational training program for nurses that emphasizes the purposes and benefits of proper enteral feeding technique and abdominal massage is very important.

**Keywords:** Abdominal massage, Enteral feeding, Gastrointestinal complications, Stroke

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## Effect of Implementing Educational Program on Pregnant Women's Maternal and Neonatal Outcomes Regarding Cervical Cerclage

Noha Mohamed Ali Abdalla<sup>1</sup>, Hoda Abd-Elazim Mohamed<sup>2</sup>, Ghada Abdelrahman Mahmoud<sup>3</sup>

1. Clinical instructor- Technical Institute of Nursing - Faculty of Nursing - Minia University.
2. Professor of Women Health and Obstetrics Nursing- Faculty of Nursing - Minia University.
3. Professor of obstetrics and gynecological Nursing Faculty of Nursing –Assuit University.

### Abstract

**Background:** Cervical cerclage, as well named a cervical stitch, is a therapy for cervical ineffectiveness or deficiency, when the cervix begins to reduce and open too early throughout a gestation resulting in either late abortion or pre-term delivery. **Aim of the study:** to evaluate the effect of implementing educational program on pregnant women's maternal and neonatal outcomes regarding cervical cerclage. **Research design:** Quasi experimental research design was used. **Setting:** The study was conducted in outpatient departments at Minia university hospital for maternity and child health. **Subjects:** A purposive sample of (100) pregnant women under taken cervical cerclage were recruited for the current study and divided equally by using a simple random sample into intervention or study group (n=50cases) & control group (n=50cases). **Tools of data collection:** Four tools were used as follows: 1- A structured Interviewing Questionnaire, 2- knowledge Assessment tool, 3- Assessment tool for practices, 4- Assessment tool for Maternal and Neonatal outcomes. **Results** The current study reveals; that (94.0%) of the study and control groups respectively had poor knowledge regarding cervical cerclage pre-program decreased post-program, and (2%) of study and control groups had a satisfactory level of practice regarding cervical cerclage procedure preprogram, compared to (92% & 6%) of study and control groups had a satisfactory level of practice regarding cervical cerclage procedure post program. **Conclusion & Recommendations:** Implementing the educational program effectively and significantly improved pregnant women's knowledge and practice regarding cervical cerclage, Should use the educational program as one of the routine hospital cares for women undergoing cervical cerclage.

**Keywords:** Cervical Cerclage, Educational Program, Maternal and Neonatal Outcomes, Pregnant Women

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## Knowledge and Attitude of Pregnant Women Regarding Danger Clinical Features of Pregnancy

Nesma Kamel Abdelhalim<sup>1</sup>, Amal Ahmed Abdelhafez<sup>2</sup>, Saad El Gelany<sup>3</sup>,  
Heba Atef Osman<sup>4</sup>

1. Demonstrator of Women Health and Obstetrics Nursing- Faculty of Nursing - Minia University
2. Assistant prof. of Obstetrics and Woman Health Nursing - Faculty of Nursing - Minia University
3. Professor of Obstetrics and Gynecology - Faculty of Medicine - Minia University
4. Lecturer of Obstetrics and Woman Health Nursing - Faculty of Nursing - Minia University

### Abstract

**Background:** Women who are pregnant experience warning signs and symptoms known as danger clinical features. **Aim:** To assess knowledge and attitude of pregnant women regarding danger clinical features of pregnancy. **Design of the research:** the research was conducted using descriptive research design. **Setting:** The research was carried out at Minia maternity and children university hospital, Minia governorate, Egypt. **Subjects:** A representative sample from the total number of pregnant women who visit Antenatal care clinics in maternity and children university hospital monthly which constituted (306) case. **Tool:** Tool I: A structured interview questionnaire (Socio Demographic Data), Tool II: Structured questionnaire on women's knowledge regarding danger clinical features of pregnancy, Tool III: Structured questionnaire on women's attitude toward danger clinical features during pregnancy (Likert scale). **Results:** pregnant women had low level of knowledge regarding danger clinical features with (56.5%). The highest percentage regarding pregnant women knowledge about danger clinical features was for items "sudden gush of fluid before labor, loss of fetal movement, vaginal bleeding, oliguria/anuria, premature onset of contraction & severe headache" with ( 62.7%, 42.5%, 40.5%, 38.6%, 34.6%, &32.7% consequently). Pregnant women had positive attitude toward danger clinical features with (89.5%). **Conclusion:** There was highly statistical significant relationship between pregnant women's knowledge level and their attitude toward danger clinical features of pregnancy. **Recommendations:** Establishing antenatal programs to educate all expectant mothers about the clinical dangers of pregnancy and when it is best to see a doctor.

**Key words:** Attitude, Danger clinical features, Knowledge, Pregnant women

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# Future of Nursing Care in The Light of Sustainable Development

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### The Relation Between Job Attitude and Organizational Citizenship Behavior among Staff Nurses in Health Insurance Hospital

Eman Hagage Desokey <sup>1</sup>, Safaa M. Abdelrahman <sup>2</sup>, Ebtsam Ahmed Mohamed <sup>3</sup>,  
Asmaa Farghaly Ali <sup>4</sup>

1. B.Sc. Nursing.
2. Professor of Nursing Administration, Faculty of Nursing - Minia University.
3. Assistant Professor of Nursing Administration, Faculty of Nursing –Minia University.
4. Lecturer of Nursing Administration, Faculty of Nursing –Minia University.

#### Abstract

**Background:** Enhancing nurses' job attitude in the organization could be achieved through Organizational Citizenship Behavior, better the performance of employees, job satisfaction and organizational productivity. **The study aimed to:** assess the relation between job attitude and organizational citizenship behavior among staff nurses in Health Insurance Hospital. **Research design:** A descriptive correlational research design. **Sample:** consisted of all available staff nurses (196 nurses) working in Health Insurance Hospital during data collection. **Setting:** conducted at Health Insurance Hospital, Minia City. **Tools of data collection:** two tools were used, tool I: job attitude scale and tool II: organizational citizenship scale were used. **Results:** the findings of the current study reveals that (68.4%) of staff nurses have positive job attitude while (31.6%) of them have negative job attitudes. Also (60.7%) of staff nurses have moderate level, followed by (39.3%) from them have high level of the total organizational citizenship behavior. **Conclusion:** there were a positive correlation between job attitude and organizational citizenship behavior. **Recommendations:** Conduct an educational program for all levels of nurses about the organizational citizenship behavior to spread this behavior among them.

**Keywords:** Job Attitude, Organizational Citizenship Behavior, Staff Nurses.

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### Impact of Using Social Networking as Learning Aid on Nursing Students Academic Engagement and Achievement

Enas A. Mohamed<sup>1</sup>, Safaa M. Abd El Rahman<sup>2</sup>, Mona Thabet<sup>3</sup>,  
Essam A. Abd Elhakam<sup>4</sup>

1. Bsc. in Nursing, Faculty of Nursing, Minia University,
2. Professor of Nursing Administration, Faculty of Nursing – Minia University,
3. Assistant Professor of Nursing Administration, Faculty of Nursing – Minia University,
4. Lecturer of Nursing Administration, Faculty of Nursing – Minia University

#### Abstract

**Background:** Social networking sites are an integrated component of the lives of many students, these sites have various effects on their lifestyles, especially in their academic engagement and achievement; and it encourages students to actively engage with group work. **The aim** of the study is to assess the impact of using social networking as learning aid on nursing students' academic engagement and achievement. **Research design:** a descriptive cross-sectional research design was utilized. **Subjects:** consisted of a representative sample (30%) of the total number of undergraduate nursing students from the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> academic years (no. =840). **Setting:** The study was conducted at the faculty of nursing at Minia University, Egypt. **Data collection:** two tools included as following: "Social networking questionnaire", and "Student academic engagement questionnaire". **Results:** showed that the majority (91.50%) of nursing students had a moderate level regarding social networking sites usage, more than two-thirds (67%) of them had a moderate level of student academic engagement, and more than half (51.80%) of them had very good degrees regarding student's academic achievement. **Conclusion:** there was a highly statistically significant correlation between SNSs usage and students' academic engagement, while there was no statistically significant correlation between students' academic achievement with SNSs usage and students' academic engagement. **Recommendation:** Encourage students to use social networking sites appropriately to help them improve their academic engagement and achievement.

**Keywords:** Social Networking, Learning Aid, Nursing Students, Academic Engagement, Achievement.

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### Nursing Staff' Knowledge, Attitudes, and Selected Psychological Response Regarding COVID-19 Outbreak

Nesma Hamdy Ahmed Hassen<sup>1</sup>, Safaa M. Abd El Rahman<sup>2</sup>, Mona Thabet<sup>3</sup>

1. Bsc. in Nursing, Faculty of Nursing, Minia University,
2. Professor of Nursing Administration, Faculty of Nursing – Minia University,
3. Assistant Professor of Nursing Administration, Faculty of Nursing – Minia University,

#### Abstract

**Background:** COVID-19 is an ongoing pandemic, for which appropriate infection prevention and control measures need to be adopted. Healthcare workers' adherence to prevention and control measures is affected by their knowledge, attitudes, and anxiety or fear level towards COVID-19. **Aim of the study:** is to assess nursing staff knowledge, attitude, and psychological response of COVID-19 during COVID-19 outbreak. **Research design:** a descriptive correlational research design. **Setting:** conducted at the Minia Health Insurance Hospital. **Subjects:** all nursing staff at the time of data collection (no=280). **Data collection tools:** data was collected by using four tools. **Results:** the study showed that majority (97.1%) of nursing staff had satisfied total knowledge about COVID-19; the majority (87.5%) of nursing staff had a favorable attitude toward COVID-19; more than half that (53.6%) of nursing staff had a moderate level of fear from COVID-19 and finally, more than half (51.8%) of nursing staff had a moderate level of total anxiety from COVID-19. **Conclusion:** it was observed that there was a weak positive association between total nursing staff knowledge about COVID-19 and their total attitude toward COVID-19. While, there was a weak negative association between nursing staff knowledge about COVID-19 and their total fear score; and there was a negative but not significant association between knowledge about COVID-19 and their total anxiety score. **Recommendation:** All nurses should have access to personal protective equipment at all times, especially those working in isolation hospitals, and there should be training sessions provided on COVID-19 protection

**Keywords:** Nursing Staff, Knowledge, Practices, Attitudes, Psychological Response, COVID-19 Outbreak

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### Problem-Based Learning and Nurse Education: A review of the evidence

Salwa A. Mohammed<sup>1</sup> and Amal Sarhan Eldesokey Genedy<sup>2</sup>

1. Prof. of Medical Surgical Nursing, Faculty of Nursing, Fayoum University
2. Assist Prof. of Maternal and Neonatal Health Nursing,, Faculty of Nursing, Fayoum University

#### Abstract

**Background:** Problem-Based Learning (PBL) is a teaching method in which complex real-world problems are used as the vehicle to promote student learning of concepts and principles as opposed to direct presentation of facts and concepts. In addition to course content, PBL can promote the development of critical thinking skills, problem-solving abilities, and communication skills. It can also provide opportunities for working in groups.

**Objective:** Our objective of this report was to critically review and summarize the published literature on PBL, with the main focus on studies to expand the knowledge base and debate surrounding PBL, and to highlight the significant contribution that nurse's student can make to improving patient outcomes in practice and define strategies for disseminating evidence.

**Methods:** A systematic review of the national and international literature on EBP and strategies disseminating and Several barriers to implementing evidence-based practice.

**Conclusion and recommendation:** PBL are a student-centered approach to curriculum, where clinical case presentations are the stimulus for acquiring the basic science knowledge needed to understand underlying mechanisms, as well as means of developing clinical reasoning skills. Also help students actively participate in tutorials. Equally important as utilizing evidence as the foundation of quality patient care is the conduct of research to fill the gaps in existing nursing literature for improving clinical practice. Therefore, conducting research can provide the necessary evidence on which to base nursing practice within the healthcare facility and routine PBL educational and skills building sessions must be incorporated into curriculum and continuing education offerings.

**Key words:** Problem based learning, patient outcome, nursing education

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## **Climate Change and its Impact on the Health of the Individual, Family and Community**

**Prof. Yosria EL-Sayed Hossein**

1. Vice Dean for Community Services and Environmental Affairs
2. Head of Community Health Nursing

Climate change may affect our health and wellbeing through the impacts of extreme events, worsening air quality, changes in the spread of infectious diseases, threats to food and water quality and quantity and effects on our mental health. So, we can all do now to build our resilience to the effects of climate change.



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