



# EDA Pharmacy Practice Initiative (100 Projects)



## We are proud to celebrate the closing of Pharmacy Practice Initiative (EDA initiative- 100 Projects)

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Egyptian Drug Authority believes that providing pharmaceutical care is an essential mission and represents a cornerstone in the pharmacy profession.

Based on the vision of the EDA and its important role in achieving the application of best practice in the pharmacy community, promoting the profession of pharmacy, raising the professional competencies of the Egyptian pharmacists and developing the pharmacy services provided to the patient, the Pharmaceutical Care Central Administration of EDA lead the *Pharmacy Practice Initiative (EDA initiative- 100 Projects) 2021– 2022*.

As means to; ensure the highest levels of pharmaceutical care and patient safety, and achieve the optimal use of drugs that is evidence-based. The Pharmacy Practice Initiative (EDA initiative- 100 Projects) was held under the patronage of Prof. Tamer Essam, Chairman of the Egyptian Drug Authority.

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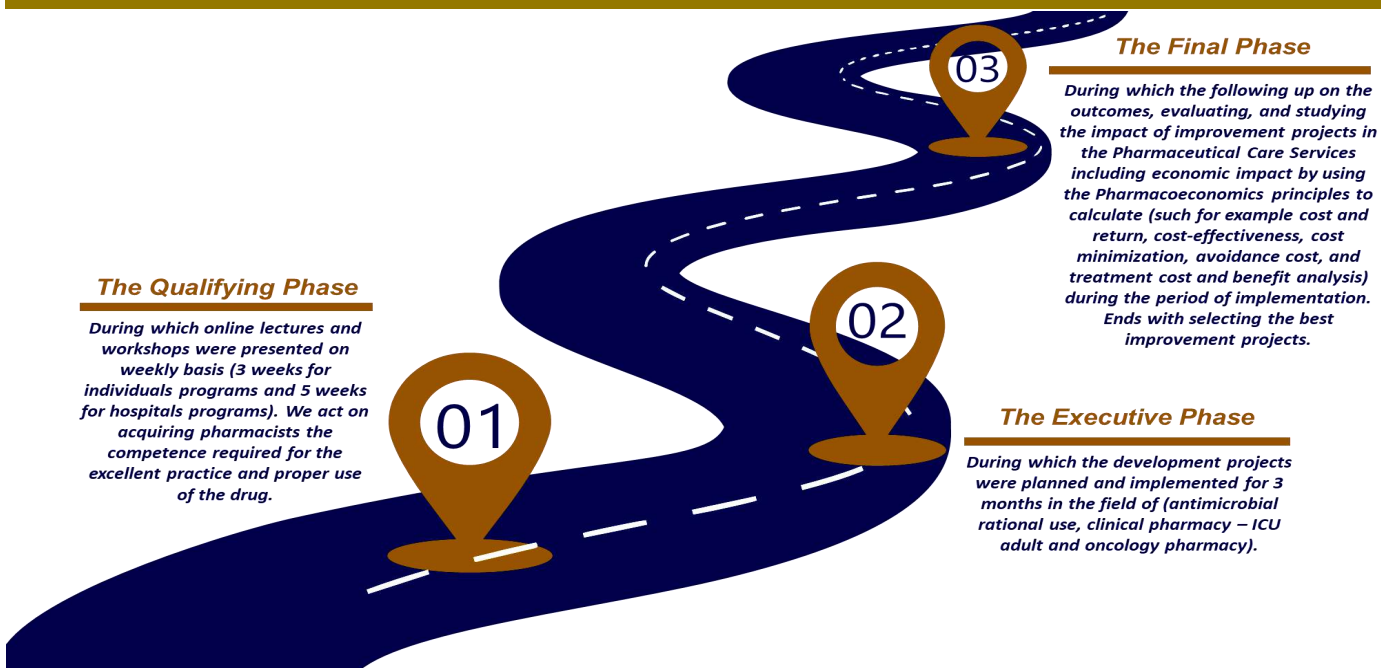
## List of Programs

	Antimicrobial Rational Use		Excellence in Pharmacy Practice
	Clinical Pharmacy (ICU - Adult)		Oncology Pharmacy
	Quality for Healthcare – Antimicrobials		Quality for Healthcare – Oncology Pharmacy
	Quality for Healthcare – Clinical Pharmacy (ICU)		Patient Counseling



The number of applicants was 9,235 pharmacists and the number of accepted applicants was 6900 pharmacists in all programs from 25 entities and sectors (public and private health institutions plus community pharmacies) were enrolled in these programs. The Participating entities included University Hospitals, the Secretariat of Specialized Medical Centers, the General Authority of Healthcare, the General Organization of Teaching Hospitals and Institutes, the General Authority for Health Insurance, and many health affairs directorates in the Egyptian governorates, in addition to pharmacists working in private health institutions and community pharmacies.

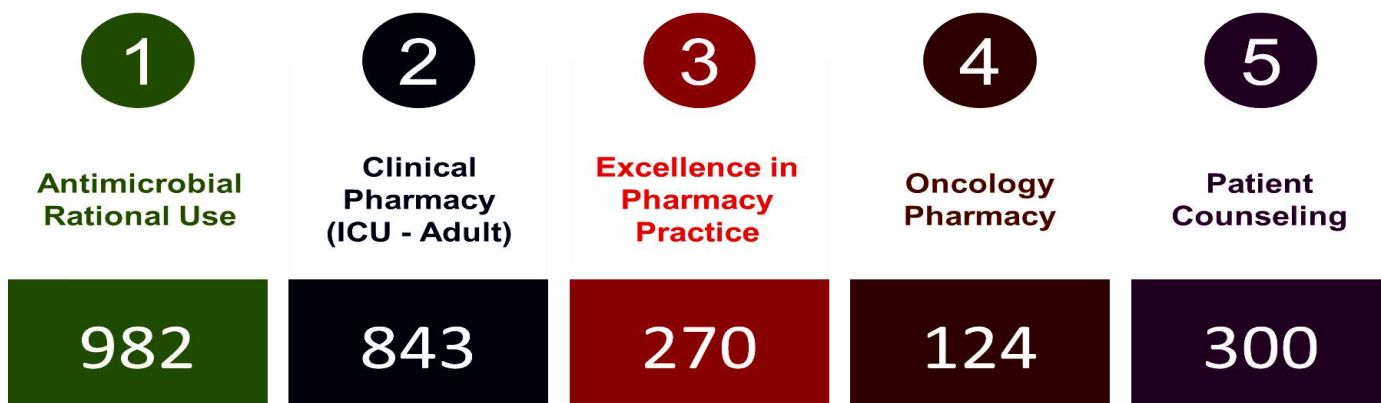
## Implementation Phases



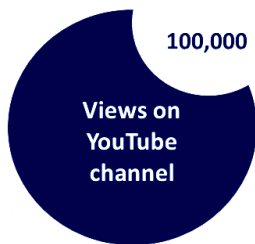
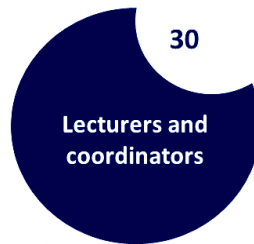
## Application

An interactive platform has been launched for the initiative to deliver online lectures and workshops. Also, a YouTube channel was created where lecture recordings were published. The educational materials, lecture recordings, assignments, workshops, notices, and final exam results have been uploaded for each program group separately. The number of views on YouTube exceed 100,000 views. The trainee is granted, according to the type of the program (individuals/institutions), a certificate of passing the qualifying program according to specific requirements, which are: completion of the final exams and commitment to attend online lectures.

## Number of Participants for Individual Program



## Statistics and results



## Project Evaluation Process

The semi-final discussions took place over two hybrid sessions for each program through physical and online attendance that resulted in ranking the hospitals into two levels, where 39 projects stepped up to the first level in all programs and reached the final discussions to compete for the top three winners for each program, 30 projects ascended to the second level and 16 projects to the third level as following:

- ◆ 37 projects in Rational Antimicrobial Use, 15 projects were escalated to the first level.
- ◆ 28 projects in the Clinical Pharmacy Program - Intensive Care (Adult), 10 projects were escalated to the first level.
- ◆ 20 projects in the Oncology Pharmacy Practice, and 14 projects were escalated to the first level.

The final discussions were held to select the three winners of the first level by a jury comprising a panel of experts in various pharmacy disciplines including academic staff, professors in the faculties of medicine and pharmacy, WHO representatives, pharmacy and clinical practitioner. The number of jury members reached 16 arbitrators in 3 programs over 6 sessions (two sessions for each program).

The first three winners of each program will be honored with cash prizes in addition to honorary shields and certificates, and the others - in the first and second levels - will be awarded shields and honors according to each level.

## Final Judgement

### Final discussions for the participating projects in the Pharmacy Practice Initiative :

#### - Rational Antimicrobial Use Program:

The finals were held on February 14 and 21, 2022, where 15 projects that qualified for the final stage in the first level were judged.

#### - Clinical Pharmacy Program (ICU - Adults):

The finals were held on February 28 and March 7, 2022, for judging the 10 level-one qualified projects.

#### - Oncology Pharmacy Practice Program:

The finals were held on March 21 and 22, 2022, for ranking the 14 qualified oncology projects in the first level.

### Attendance numbers of participants and jury committees:

#### 1- Jury Committees:

The number of jury members in the final reached 16 juries in 3 programs over 6 sessions (two sessions for each program).

#### 2- Participating Pharmacists:

About 400 pharmacists participated in the projects (Physical/Online).



## Rational Antimicrobial Use Program levels

### Top 3 hospitals

**First Rank:**

- Zagazig University Hospitals
- ALHELAL HOSPITAL

**Second Rank:**

- El karnak international hospital

**Third Rank:**

- New Kasr AlAiny Teaching Hospital (French Hospital)
- Mabaret zagazig/sharkia.

### Rank of other Level 1 hospitals

**Fourth Rank:**

- Nasser Institute Hospital for Research & Treatment

**Fifth Rank:**

- Kafer eldwar general hospital
- Emergency Hospital - Mansoura University
- Tanta university hospital

**Sixth Rank:**

- Mansoura Ophthalmic Center - Mansoura University

**Seventh Rank:**

- QENA GENERAL HOSPITAL

**Eighth Rank:**

- National liver Institute, Menoufia university
- Mansoura Pediatric center
- Kafr El-Dawar Central Hospital

**Ninth Rank:**

- Aswan Oncology Center

### Level 2 hospitals

1. Theodor Bilharz Research Institute
2. Al-Azhar University in New Damietta
3. Assuit University Heart Hospital
4. Benna University Hospitals
5. Al Zahraa University Hospital
6. Cairo University Hospital
7. Al-Azhar University Specialized Hospital
8. Students' Hospital - Cairo University
9. Beni Suef University Hospital
10. Sohag University Hospital
11. Menofia university, students' hospital
12. Health Insurance Nasr City Hospital
13. Banha Fever Hospital
14. Menouf Ophthalmology Hospital
15. Shebin El Kom Ophthalmology Hospital
16. Mit-Ghamr Central Hospital
17. Obour specialist hospital in Suez
18. Directorate of Health Affairs in North Sinai

In recognition of all the efforts made to implement ASP projects by other participating hospitals including Fayoum university Hospital, Fever hospital beni-suef, Assiut University Children's Hospital.

## Clinical Pharmacy - Intensive Care (Adult) Program levels

### Top 3 hospitals

**First Rank:**

- Kafr Elshiehk liver center

**Second Rank:**

- Sharq Elmadina Hospital
- Ismailia Medical Complex

**Third Rank:**

- Al-Hussien Hospital – Al- Azhar University

### Rank of other Level 1 hospitals

**Fourth Rank:**

- Specialized Medical Hospital /Mansoura University

- Mahalla Cardiac Centre

**Fifth Rank:**

- Suez Canal University specialized hospital

**Sixth Rank:**

- One Day Surgeries at Nasr City
- Gastrointestinal Surgery Center, Mansoura University

**Seventh Rank:**

- Women's health hospital Assiut University

### Level 2 hospitals

1. Al Helal Hospital
2. El Salam Specialized Hospital
3. El Gomhorya General Hospital
4. Al- Mershawy Hospital
5. Mit-Ghamr Central Hospital
6. AL-Rajhy Liver Hospital – Assiut UN
7. Elmabara Kafr Eldawar
8. Mashtoul El-Souq Hospital
9. Agouza Hospital
10. Mansoura specialized hospital & Baniebaid specialized hospital

In recognition of all the efforts made to implement ICU projects by other participating hospitals including Nasser hospital, Beni Suef, Mataria Teaching Hospital, Center of Cardiac and Digestive system Sohag university, Kom El Shoquafa chest hospital, El Sheikh Zayed El Nahyan hospital.

## Oncology Pharmacy Practice Program levels

### Top 3 hospitals

**First Place:**

- Tanta Cancer Center (Group 2)

**Second Place:**

- Mania Oncology Center
- Damietta Oncology Center

**Third Place:**

- Elmogamaa Eltibbi Hospital HIO Tanta
- Tanta Cancer Center (Group 1)
- Alexandria Main University Hospital

### Rank of other Level 1 hospitals

**Fourth Rank:**

- National Cancer Institute (First Settlement branch)

**Fifth Rank:**

- Assiut university, South Egypt Cancer Institute

**Sixth Rank:**

- Aswan Oncology Center
- Tanta Cancer Center (Group 3)

**Seventh Rank:**

- Minya University Hospital
- Dar El-Salam Cancer Hospital
- Banha Hospital for Health Insurance Qalyubia Branch

**Eighth Rank:**

- Qena Oncology Center

### Level 2 hospitals

1. Nasr City Cancer Center
2. El-Salam Oncology Center
3. Ain shams university hospitals Oncology department

In recognition of all the efforts made to implement oncology projects by other participating hospitals including Al Helal Hospital Sohag HIO, Ain shams university hospitals Oncology department, Badr Hospital, Helwan University.

# Impact of Improvement Projects

## Impact of Improvement Projects on Pharmaceutical Care Services



## Economic impact of Improvement Projects

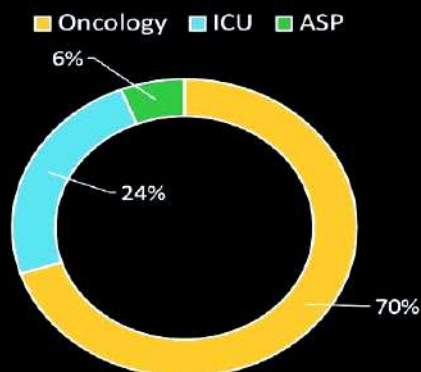
Economic impact study has been implemented in collaboration with Dr. Islam Anan “Lecturer of Pharmacoeconomics and Pharmaco-epidemiology, Ain shams University”

### EDA initiative 2021 – Pharmaceutical Care – 100 projects

We analyzed 38 projects that contains cost saving objectives for total budget saved after implementation of the initiative 2021 by providing a survey to the hospitals to calculate direct and indirect costs yielding the below results for 3 months.



n=38



Cost saving per project type

Total Cost saving per 38 hospital per Quarter  
**37.5 Million EGP**

Analysis done by Dr. Islam Anan and Accsight team 15 July 2022

## Acknowledgment

We are proud to recognize all the outstanding contributions that were made to the emergence and development of the Pharmaceutical Care Initiative for Pharmacy Practice (EDA initiative - 100 Projects) to reach this prestigious level. First and foremost, we present our warmest thanks to the visionary leaders of the Egyptian Drug Authority; **Prof. Tamer Essam**, Chairman of the Egyptian Drug Authority (EDA), **Prof. Aiman Alkhatib**, Deputy Chairman of Egyptian Drug Authority for their support and adopting the innovations and new ideas.

We would also like to extend our sincere gratitude to **Dr. Rasha Ziada**, EDA assistant chairman for technical development and capabilities building affairs for her extremely valuable reinforcement, great opinions, and motivation.

With immense gratitude, we acknowledge the support and help of **Dr. Shereen Abdelgawad**, head of the Central Administration of Pharmaceutical Care for providing guidance concerning this initiative through the valuable commendations.

The initiative steps were planned and implemented with high innovation, professionalism, and enthusiasm under the leadership of **Dr. Ghada Ali Younis “Initiative Founder”**, and Head of the general administration of drug utilization and pharmacy practice. With high team spirit and excellence from the executive/ development team members, who are proud to devote their efforts to carrying out the initiative responsibilities and sharing experiences with the Egyptian pharmacists. The executive team members: **Dr. Abdulrahman Amin, Dr. Abeer Elbehairy, Dr. Eman Zakaria, Dr. Hebatullah Abdul-Aziz, Dr. Kholoud Al-Nagggar, Dr. Lamis Diaa, Dr. Lobna Samy, Dr. Medhat Abdelhakam, Dr. Mohamed Eldesokey, Dr. Mona Abo Elsouad, Dr. Nesma Atef, and Dr. Shimaa Nasr Elden.**

With great appreciation, we pay tributes to all participants including the instructors and the jury members; the university professors, pharmacy experts, and practitioners with scientific and professional experience as that would not have been possible without their valuable inputs, comments, and special instructions, that gave the pharmacists a perfect blend between academia, guidelines, and standard practice.

These great efforts would have never reached without the cooperation and support of internal hospitals promoters/collaborators/moderators from different authorities “The Supreme Council of University Hospitals, the Secretariat of Specialized Medical Centers, the General Authority of Health Care, the General Organization for Teaching Hospitals and Institutes, the General Authority for Health Insurance, and the health affairs directorates in the governorates, and to pharmacists working in private health institutions and community pharmacies”, in addition to Continues Professional Development at EDA, EVA Pharma Team, EDA IT team.

*Egyptian Drug Authority*

*Central Administration of Pharmaceutical Care*

*General Administration of Drug Utilization & Pharmacy Practice*



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