



**Ahl Masr Foundation**  
**The Voice of and for Burn Victims**

# Role of NGO's in Burn management

Lessons learnt from Ahl-Masr Foundation in Egypt.

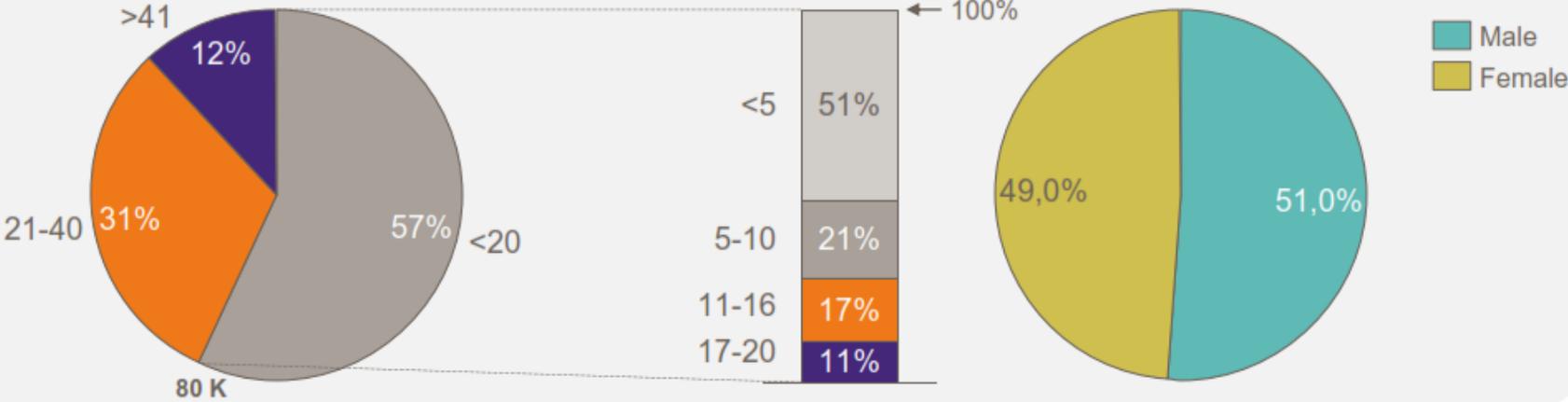
Adel Ahmed

Technical Director - Ahl Masr Foundation

# Burns in Egypt

## Burn incidents in Egypt by age group and gender

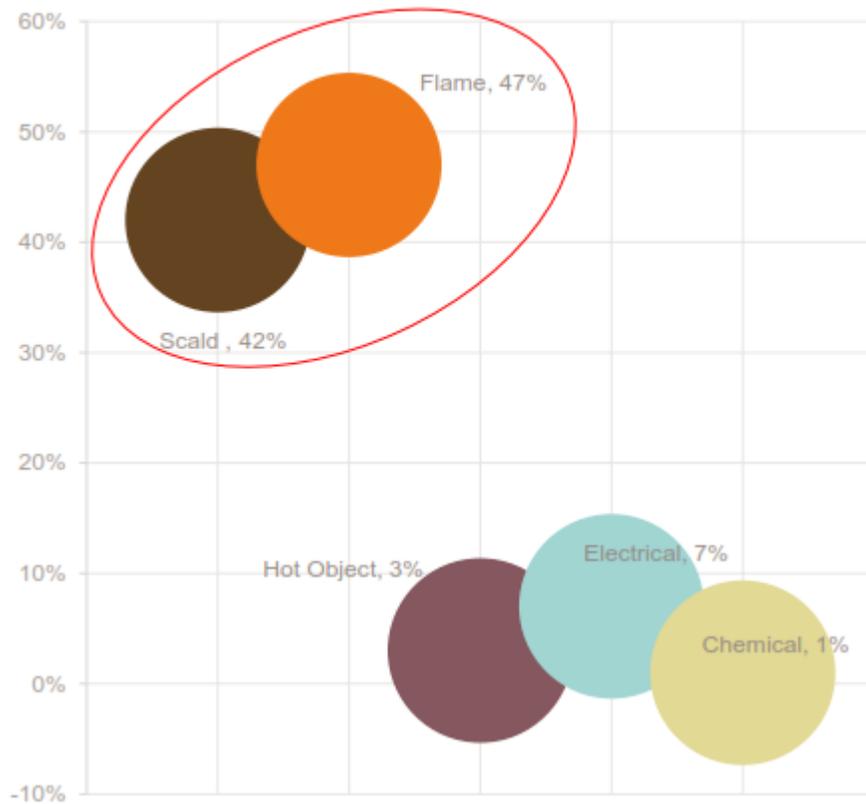
Source: EFESO Analysis



# Burns in Egypt

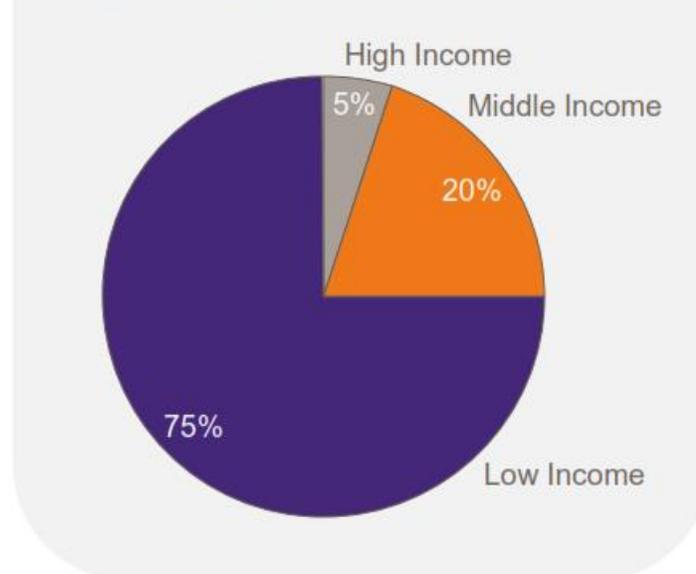
## Causes of burn incidents in Egypt

Source: EFESO Analysis

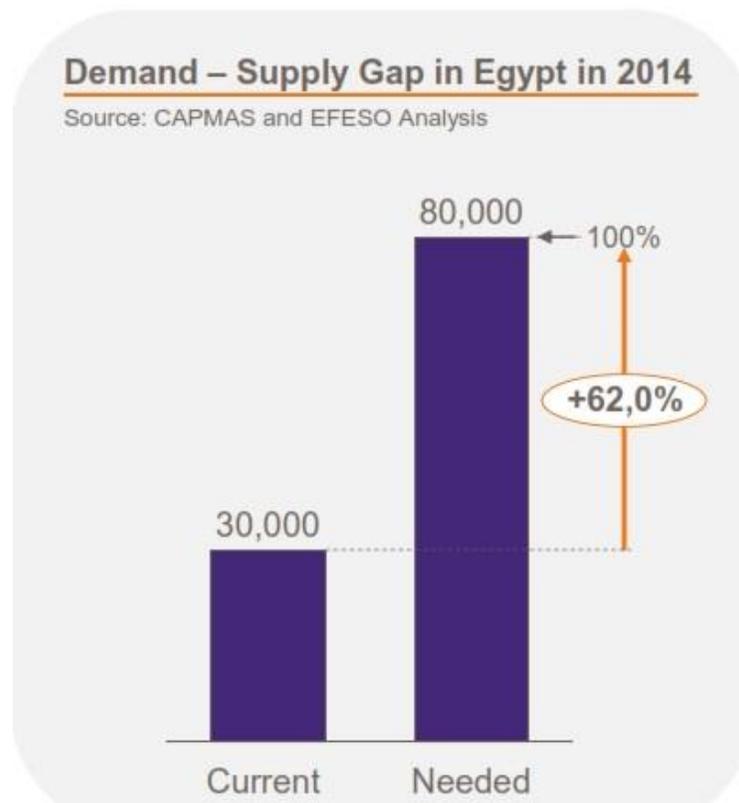


## Burn distribution by socio economic class

Source: EFESO Analysis



# Burns in Egypt



# Ahl Masr Foundation Journey

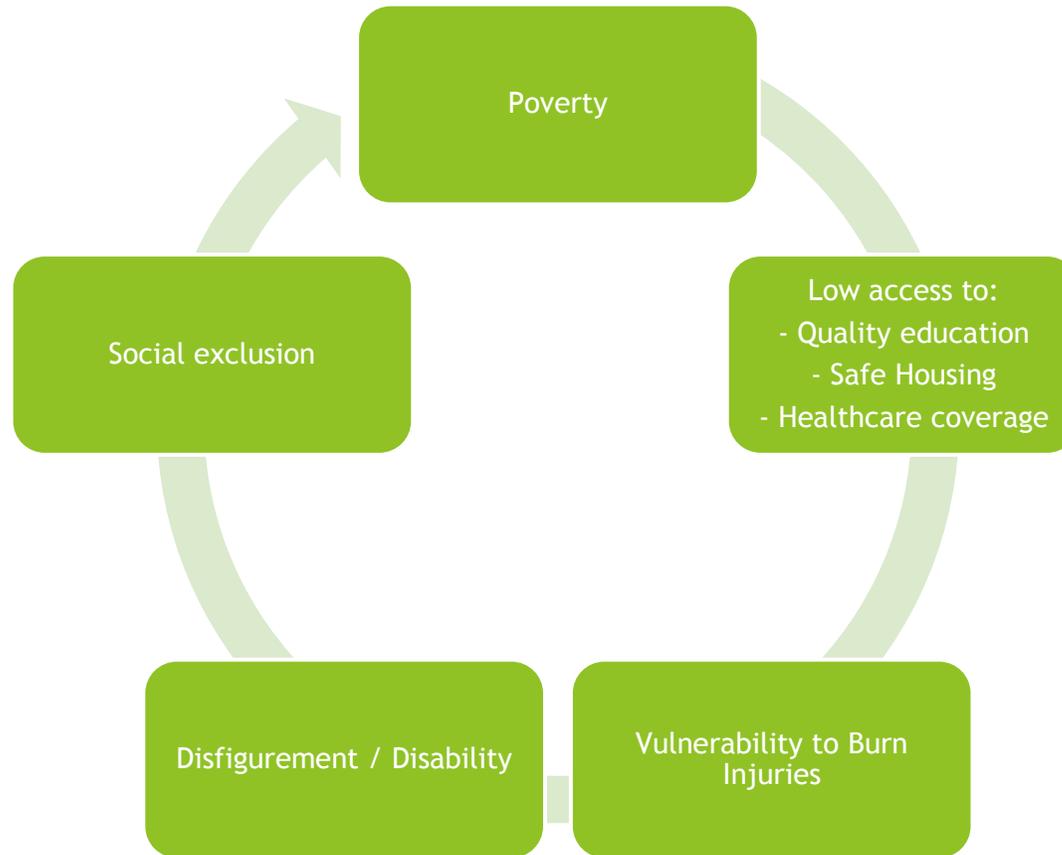
Established in 2013 as the first NGO in Egypt that focuses on Burn Prevention, Treatment & Care.



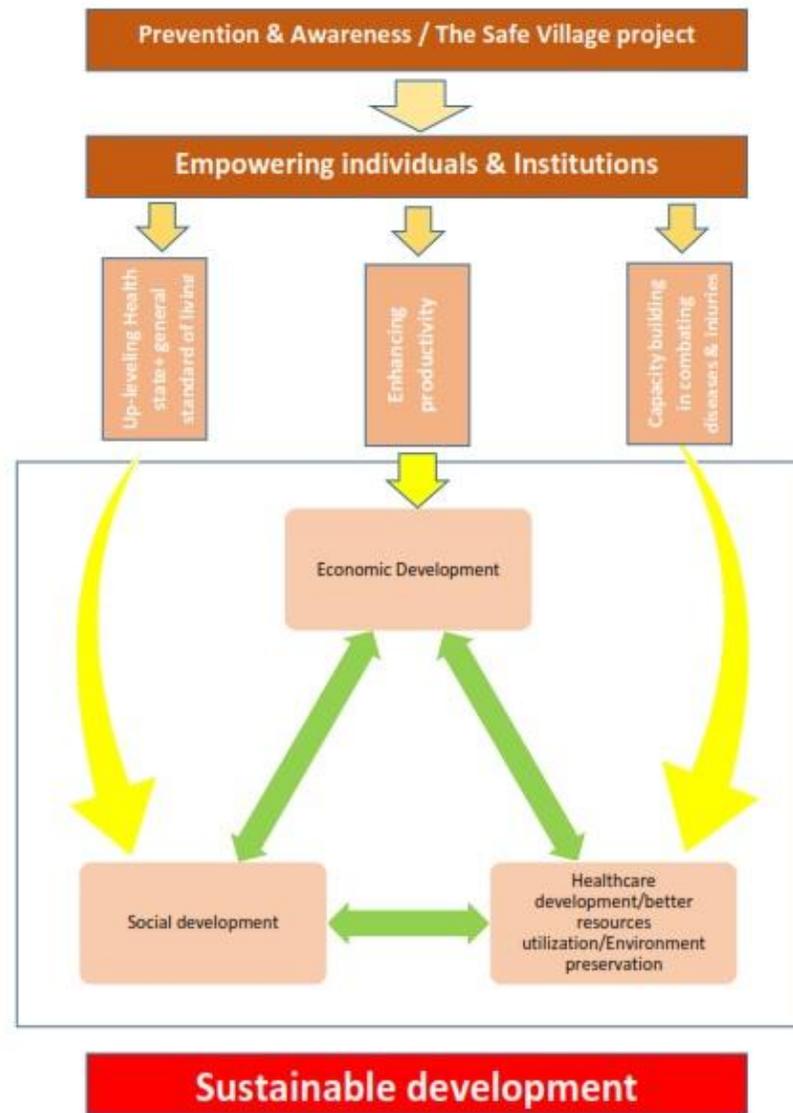
Treatment and  
Rehabilitation of Burn Victims



# Medical or Social issue?



# Ahl Masr Foundation framework



# Other solutions are needed..



Prevention and awareness program



Ahl Masr Non-profit  
Burn Hospital

# 1-Prevention & awareness program

- ▶ Comprehensive schemes for burn prevention that cover precautionary and First-aid sessions targeting:
  - ▶ Children
  - ▶ House-wives
  - ▶ Rural areas & under-privileged urban areas.
- ▶ Sessions cover:
  - ▶ Pre-fire stage : How to safeguard against fire accidents?
  - ▶ Fire stage: Fire accident management
  - ▶ Post-fire stage: providing first aid & dealing with the aftermath of the accident ..





# Ahl Masr Awareness Booklet



**This booklet is dedicated to raise the awareness in the community about the causes and ways of prevention against children burn injuries.**

**Ahl-Masr is a non-governmental organization founded in 2013 and registered under # 4849.**

**The foundation focused primarily on the main goal of reaching a "Burn-Free Egypt".**





## What is burn injuries??

Burns are one of the most painful injuries that could happen to us.

It happens when our skin get exposed to hot objects, liquids or direct fire.



Did you Know....

Most of the death cases accounted with burn injuries are resulted from either the high levels of pain or from infections.

**Write about a painful injury you have had experienced before??  
And how did you feel about it??**



Did you Know....

Skin is the largest organ in our body.



Mark which of the following are sources of burn injuries:



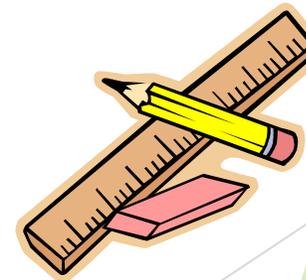
**A** Fire



**B** Hot liquids



**D** Fire works



**E** Stationeries

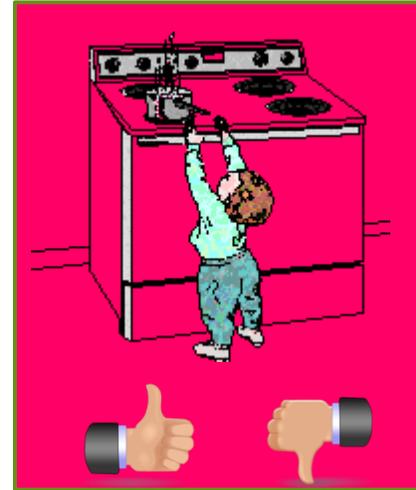


**C** Hot irons

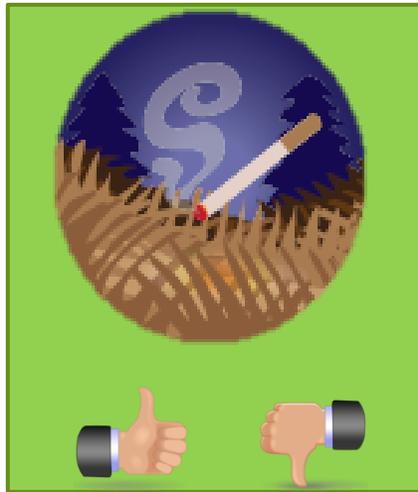
Which of the following is a wrong practice and which is a right practice; and why:



.....  
.....  
.....  
.....



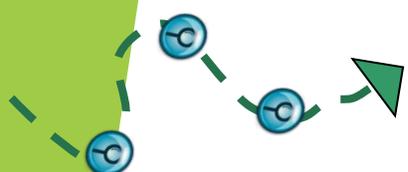
.....  
.....  
.....  
.....



.....  
.....  
.....  
.....

**Did you Know....**  
Our skin protect us from bacteria and other micro-organisms, which keeps us healthy.





**Match between the sentences:**

Placement of young girls in household roles

1

Easy access to chemicals

2

Lack of adults supervision

3

A

Puts children at the danger of swallowing them

B

As cooking; can put them at risk of burn injuries

C

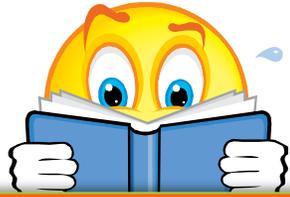
Playing with fire or touching hot objects can result in burns

**Did you Know....**



17% of the children with burn injuries suffer from temporary disability; while 18% are left with a permanent disability.





Did you Know...

The majority of childhood burns occur at home. Toddlers and pre-school children the most frequent victims.



This is the story of Ahmad, he is burn victim.  
Can you re-arrange the pictures to know how did he got injured??



A



C



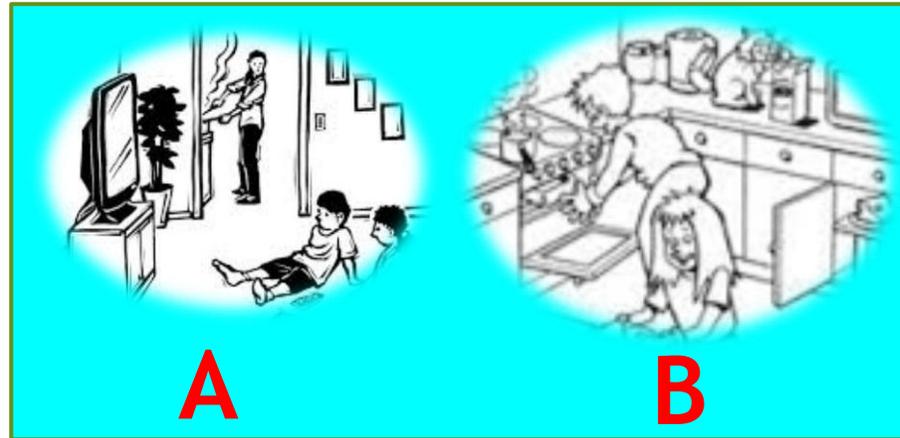
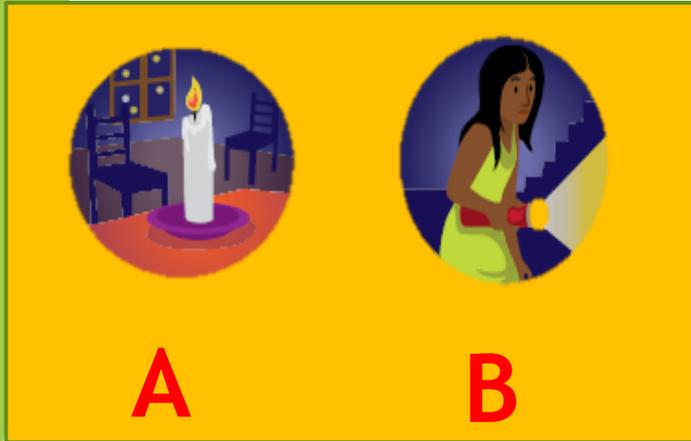
B



D



Which of the methods bellow is considered to be safe??



Did you Know....

During wintertime, burn accidents increase significantly due to the need for boiling water and heating with indoor fires.

# 2-The Safe Village Program : the concept

Ahl Masr's Egypt Burn-Free (Safe Village) aims to close the loop on all root causes of burn incidents using a framework of complementing activities.

## **1. Raise Awareness & Empower**

Raise awareness about the magnitude, risk factors, and effects of burn injuries in Egypt, within the context of other health issues.

## **2. Highlight Prevention Opportunities**

Draw attention to the preventability of burn injuries by identifying the risk factors, intervention methodologies and strategies needed to reduce burn accidents.

## **3. Recommend Action Plans**

Provide recommendations to accelerate burn injury prevention efforts through improved data and surveillance, research, communication, education and training, health systems and health care policies.

## **4. Develop and Mobilize Plans**

Outline a plan of action as a platform for organizing and implementing burn injury prevention actions.

## **5. Evaluate and Monitor Progress**

Evaluate and monitor the progress of the awareness program and action plans over the coming years to identify and rectify any upcoming issues and ensure correct implementation of the plan.

# The Safe Village Program: Course of actions

## - Providing Water Sources

Water is not only essential for living purposes and overall well-being, but in some cases the lack of water can be a detriment to putting out fires as in the case of Ahmed Allam village, where more than 17 houses were burnt and there was no water faucet or extinguishers. Moreover, fire trucks had to drive back and forth to refill their tanks and extinguish the fire that had, by then, moved from house to house. The Shelter Inadequacy Study shows that more than %19 of children are deprived of water.

Through its initiative, Ahl Masr has installed a main water pipe into the village and is currently working on obtaining permits to install individual water pipes for each house.



## - Reconstructing Rooftops and Ceilings

According to the Shelter Inadequacy Study, %22 of children (households) live in dwellings with inappropriate roofs, which are considered a major factor in aggregated house fires. Ahl Masr has reconstructed roofs of more than 40 houses in the village of Ahmed Allam, and aims to continue reconstructing rooftops in other villages participating in the Egypt Burn-Free initiative.



Before



After

## - Training of the Change Agents and the Trainers:

Developing training courses and sessions for the selected trainers to train the community members on how to fight a fire, how to use fire extinguishers and the first aid practices for burn injuries.



## - Awareness & Prevention Programs

- Measurements of a safe household against fire accidents
- How to make the surrounding environment safe from fire accidents
- Medical first-aid knowledge for burn injuries

## - Fire Safety Measures

- Providing the project villages with first-aid kits, one for each household.
- Providing the project villages with fire extinguishers, one for each household.
- Disseminating awareness material.



# Was it effective?

- ▶ In 2014 , A huge fire happened in Ahmed Allam Village.
- ▶ We have implemented “Safe Village” program overthere.
- ▶ In 2016: the adjacent village across the road (Al Najjar)with identical demographic characters has been examined
- ▶ We discovered that Al Najjar village has suffered fire accidents at an average of an accident/2 months, where as Allam village has actually none.

# Cost-Efficiency:

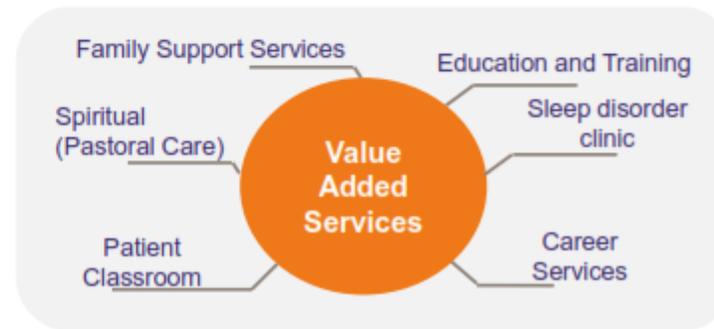
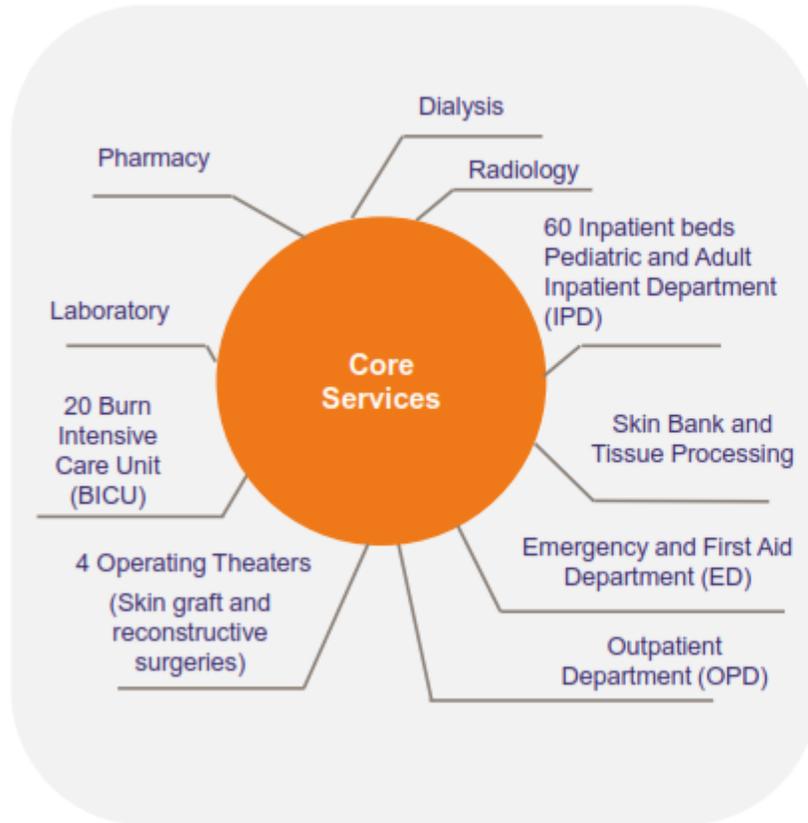
- ▶ Financial modeling has proved the Safe-Village program as one of the highest cost-effective interventions for Burns in Egypt.
- ▶ The total Cost of providing a satellite village (100-120 houses) with protective services is equivalent to cost needed to provide treatment only to 3 burn victims.

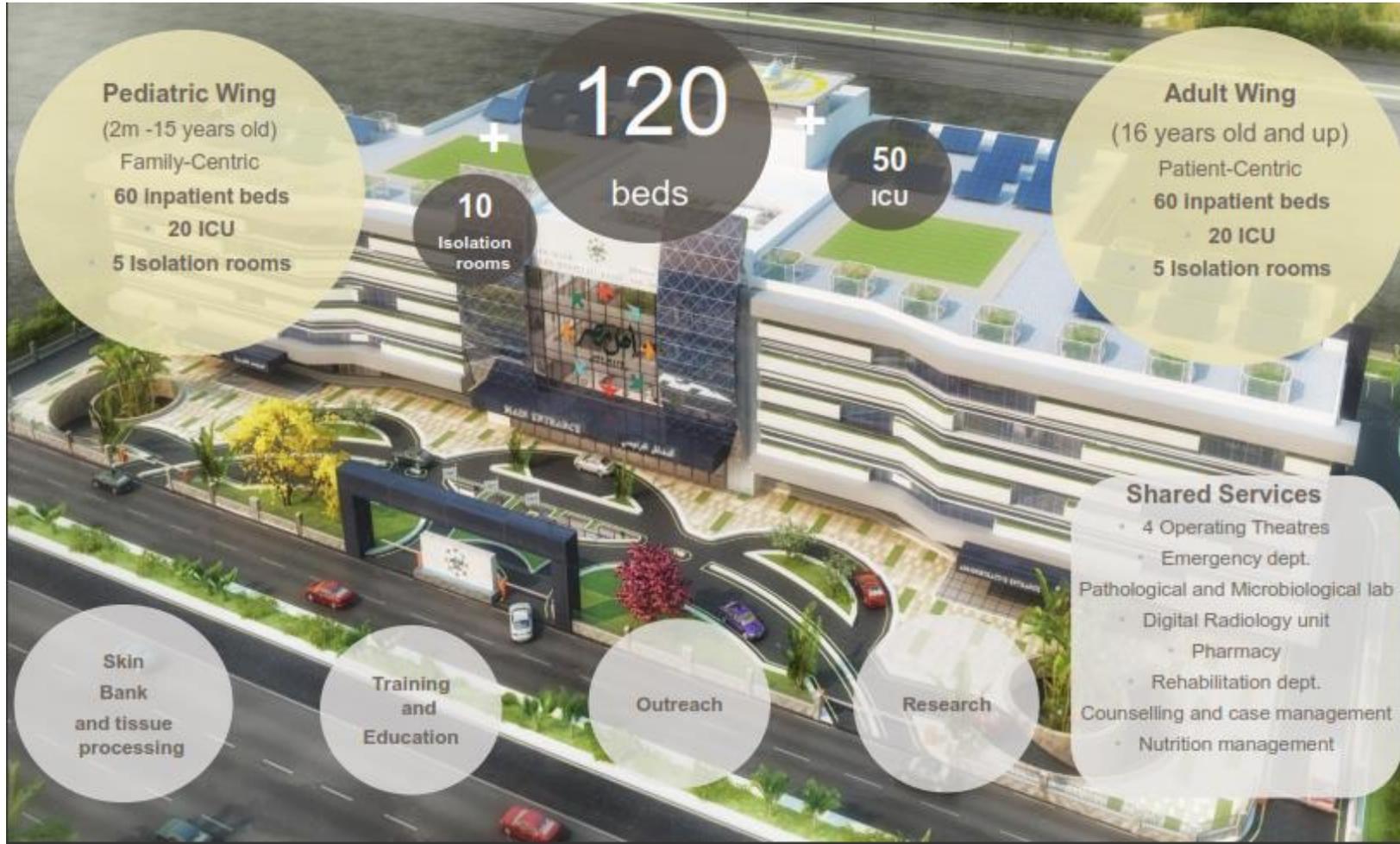


### 3- Ahl Masr Non-Profit Burn Hospital : A vision for Integrated Burn Management



# Hospital Services:





### Pediatric Wing

(2m -15 years old)

Family-Centric

- 60 Inpatient beds
- 20 ICU
- 5 Isolation rooms

120  
beds

10  
Isolation  
rooms

50  
ICU

### Adult Wing

(16 years old and up)

Patient-Centric

- 60 Inpatient beds
- 20 ICU
- 5 Isolation rooms

### Shared Services

- 4 Operating Theatres
- Emergency dept.
- Pathological and Microbiological lab
- Digital Radiology unit
- Pharmacy
- Rehabilitation dept.
- Counselling and case management
- Nutrition management

Skin  
Bank  
and tissue  
processing

Training  
and  
Education

Outreach

Research



# Final words

- ▶ NGO's role in proper understanding the true nature of burn injury is indispensable.
- ▶ A more integrated approach is needed that acknowledges social ,political as well as medical facets.
- ▶ There is no copy-paste or one-size-fits-all solutions for burn injuries. Required interventions are primarily developed according to the context.
- ▶ A bigger attention should be given to preventive initiatives ,esp in LMIC, since they provide cost-efficiency and better outcomes.
- ▶ Agency of Burn Management should be equally distributed among all stakeholders not medical/health actors alone.

Thank You

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