



# "Infrastructure optimization of the Pediatric Burn Unit in The "Hospital del Niño Poblano, Puebla, Mex."

**Subject: Acquisition Of Specialized Medical Equipment**

**Presenter : Jaime Sanchez MD, Rotary Club of Puebla Campestre Real**

**Date: October 26, 2017**

Section  
Introduction  
Population  
Total Attentions  
Annual Income  
Age Attention  
Type of Burn  
Project objective  
Interest Area  
Equipment requested

# INTRODUCTION

- The Unidad de Quemados (Burn Pediatric Unit) attached to the “Hospital del Niño Poblano” offers attention to pediatric age patients (since newborns up to 18 years of age) with burn lesions.
- The Pediatric Burned Unit activities focus specifically in advance integral medical care for the population below 18 years old, that has suffered trauma by the burns and required hospital care

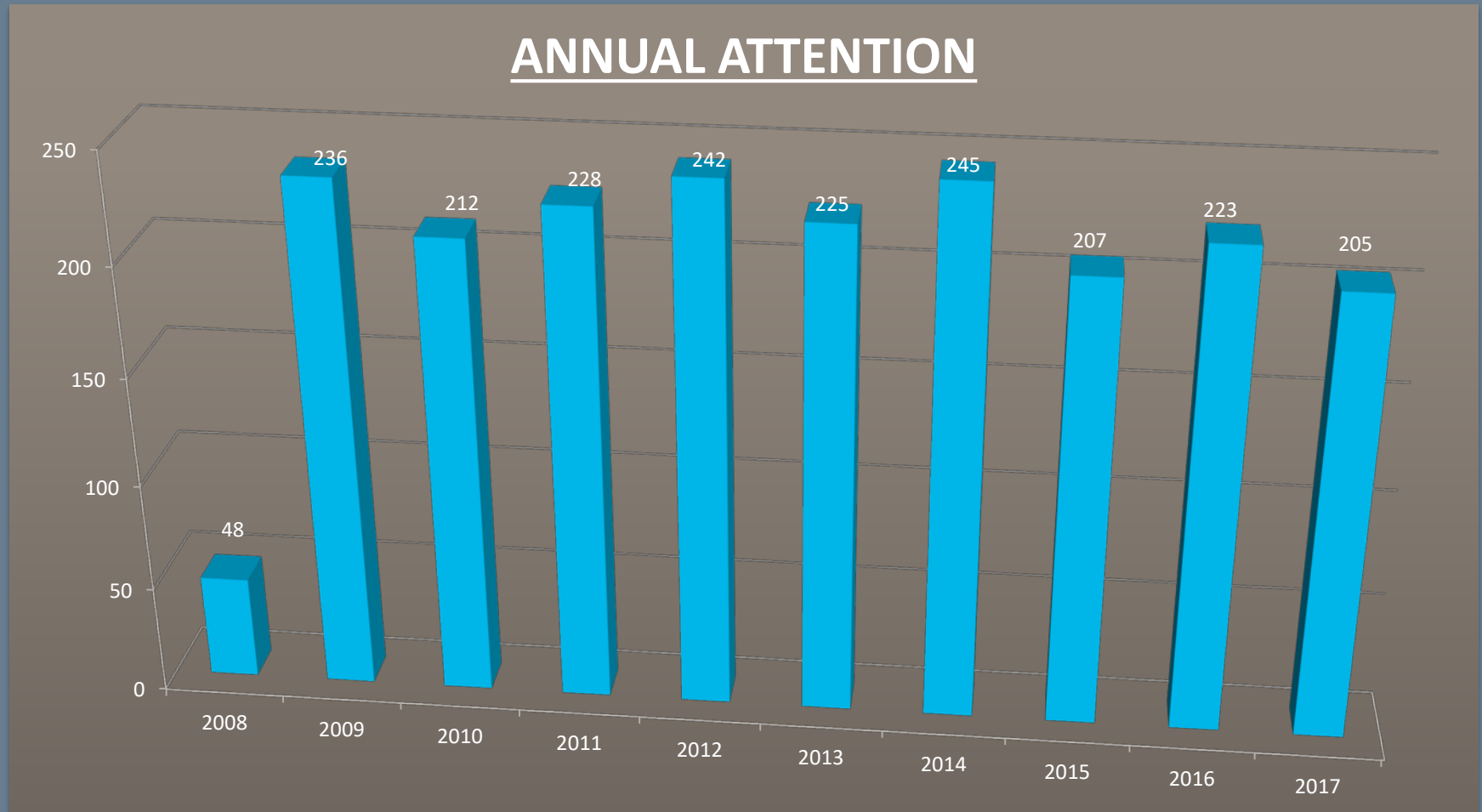
# POPULATION

- The state of Puebla counts on a population of 6,183,320 that represents 5% of the population of the whole country, the state occupies the 5th place with the most number of inhabitants.
- Is estimated that the unity benefits the population of influence of 2,164,162 which represents 35% of the inhabitants of the state.

- Due that the unity serves children from the state of Puebla, as well as from other states like Veracruz, Morelos, Hidalgo, Guerrero, Oaxaca and Tabasco, among the most frequent.
- Due to references and transfers from the South-East of the country, medical care is exceeded and it requires to maintain sufficient biomedical equipment of high technology.
- It Provides an expedited attention and it shortens the time of staying at the hospital with reduction of consequences

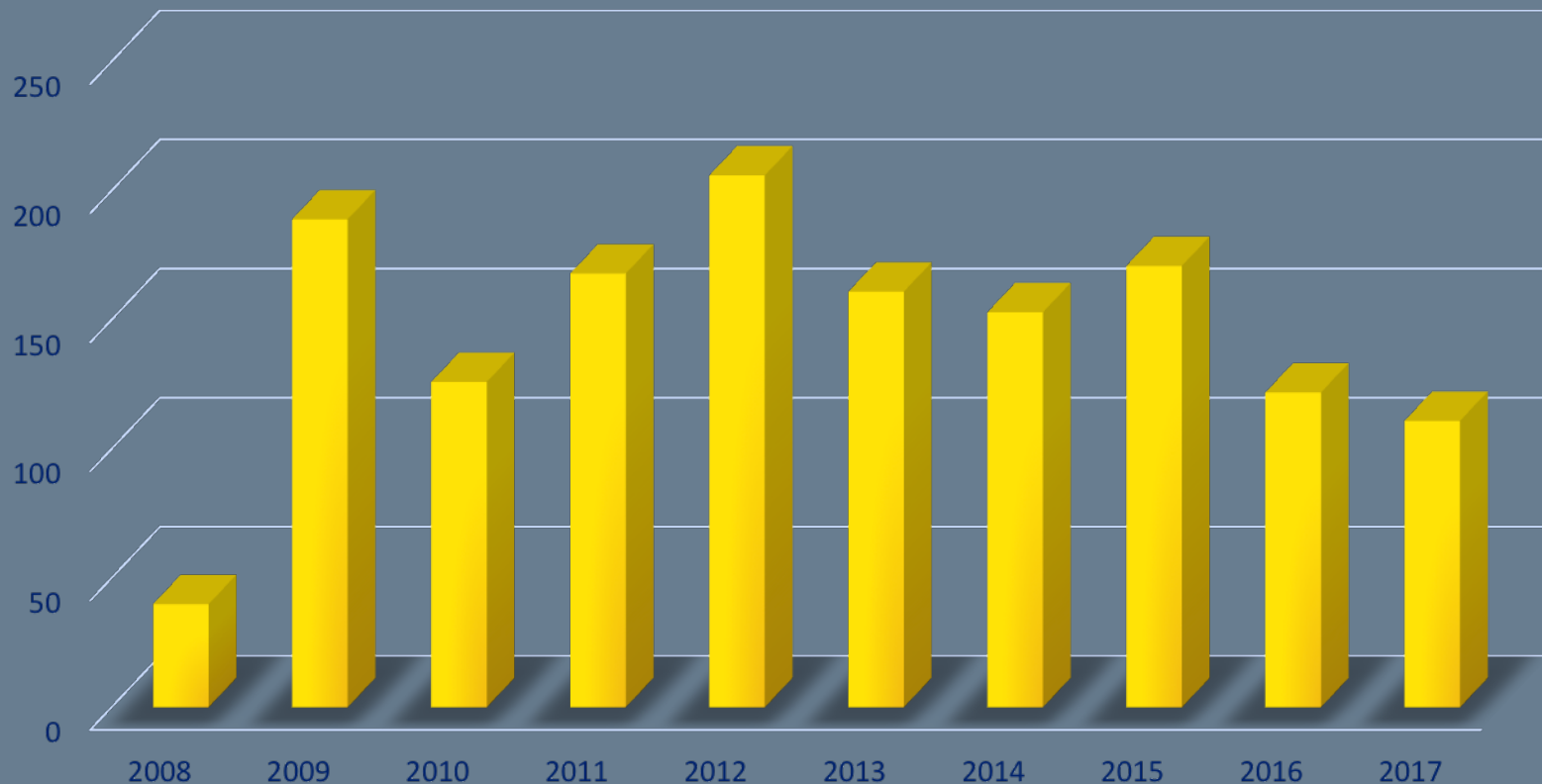


# TOTAL ATTENDED PATIENTS

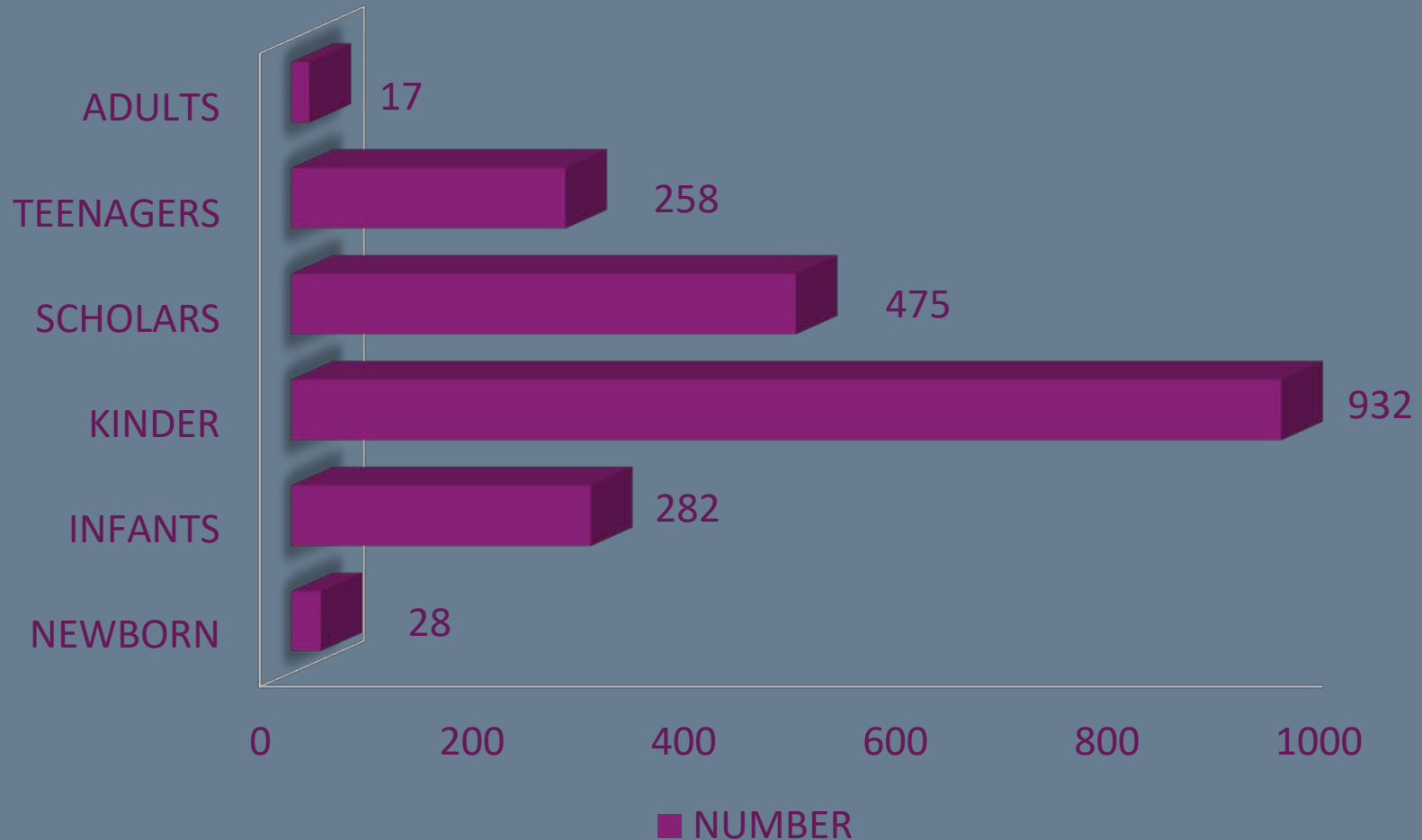


# ANNUAL ADMISSION

## ANNUAL INCOME



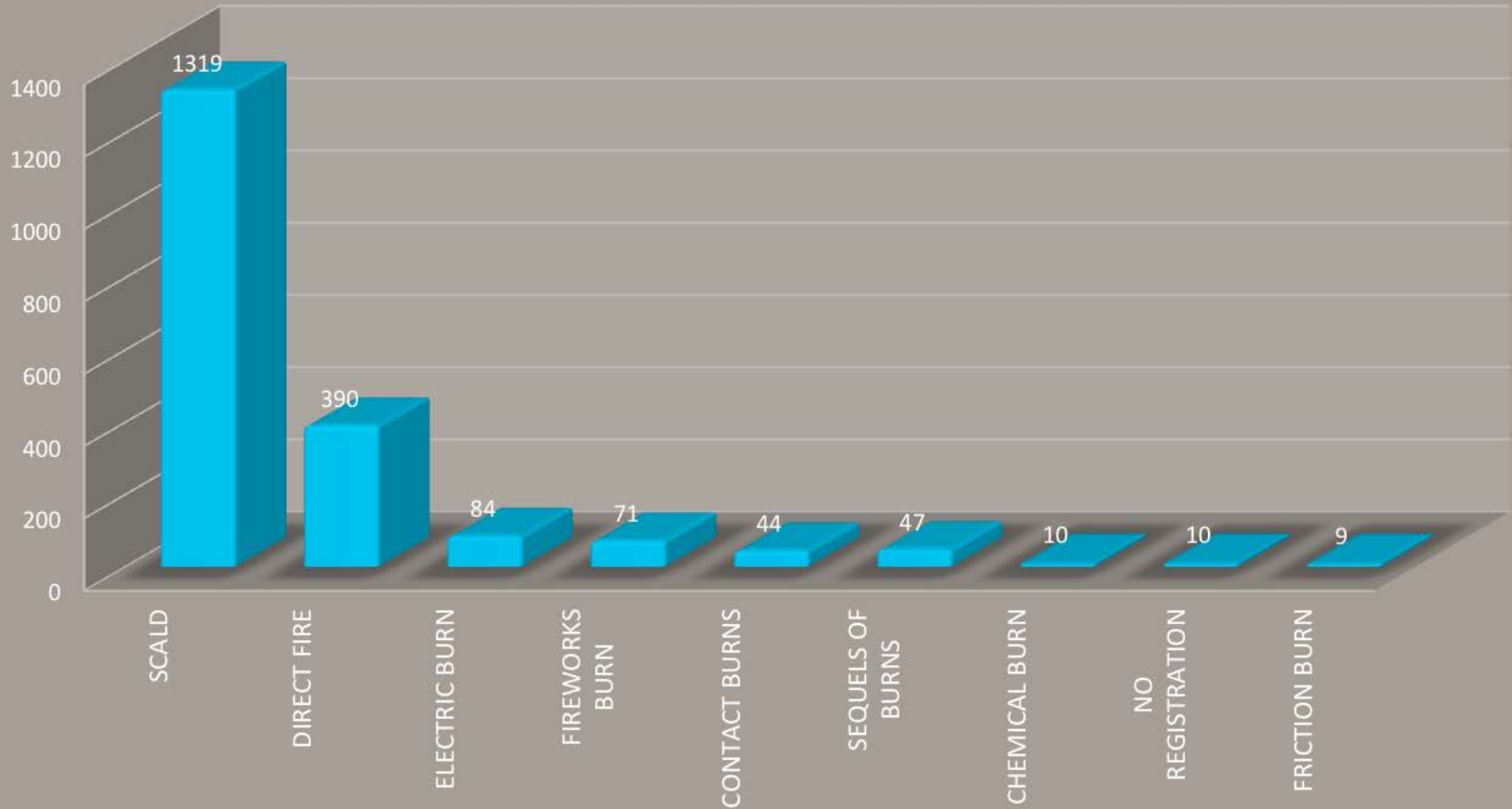
# ADMMITED PATIENTS AGE



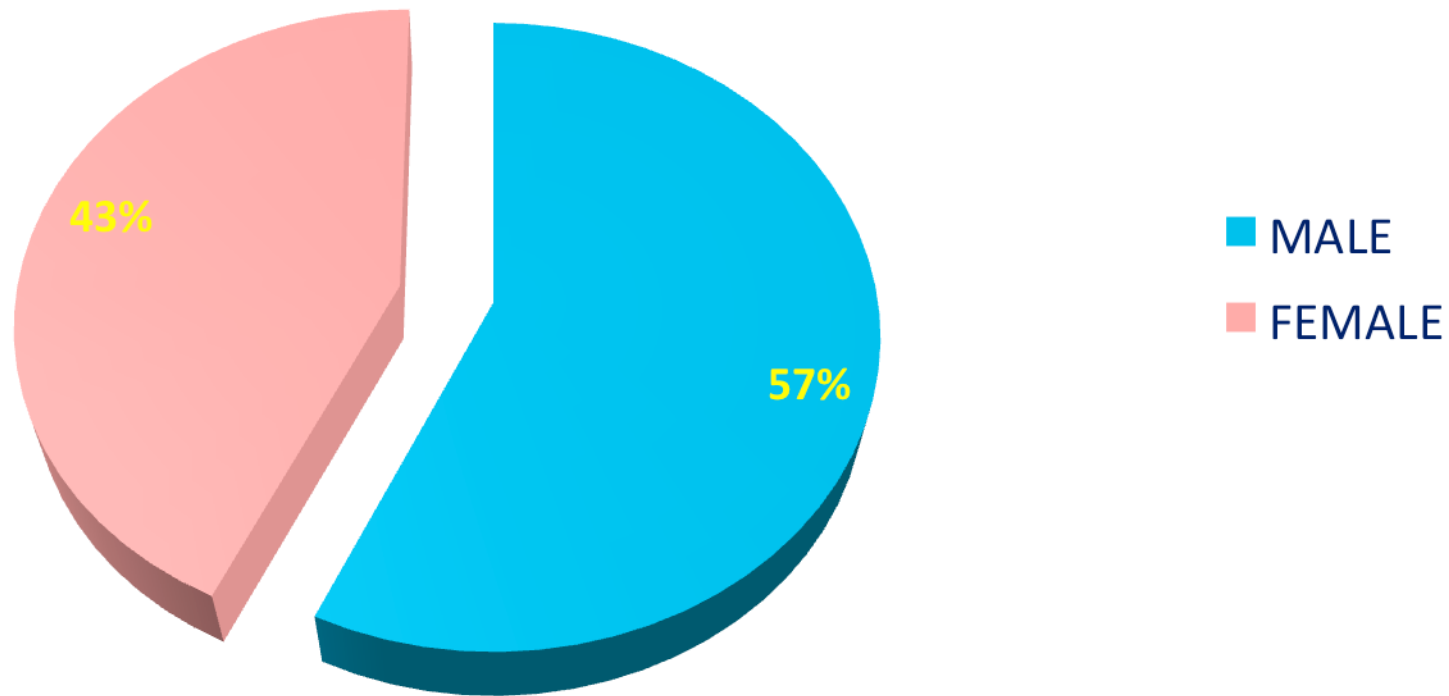


# TYPE OF BURN

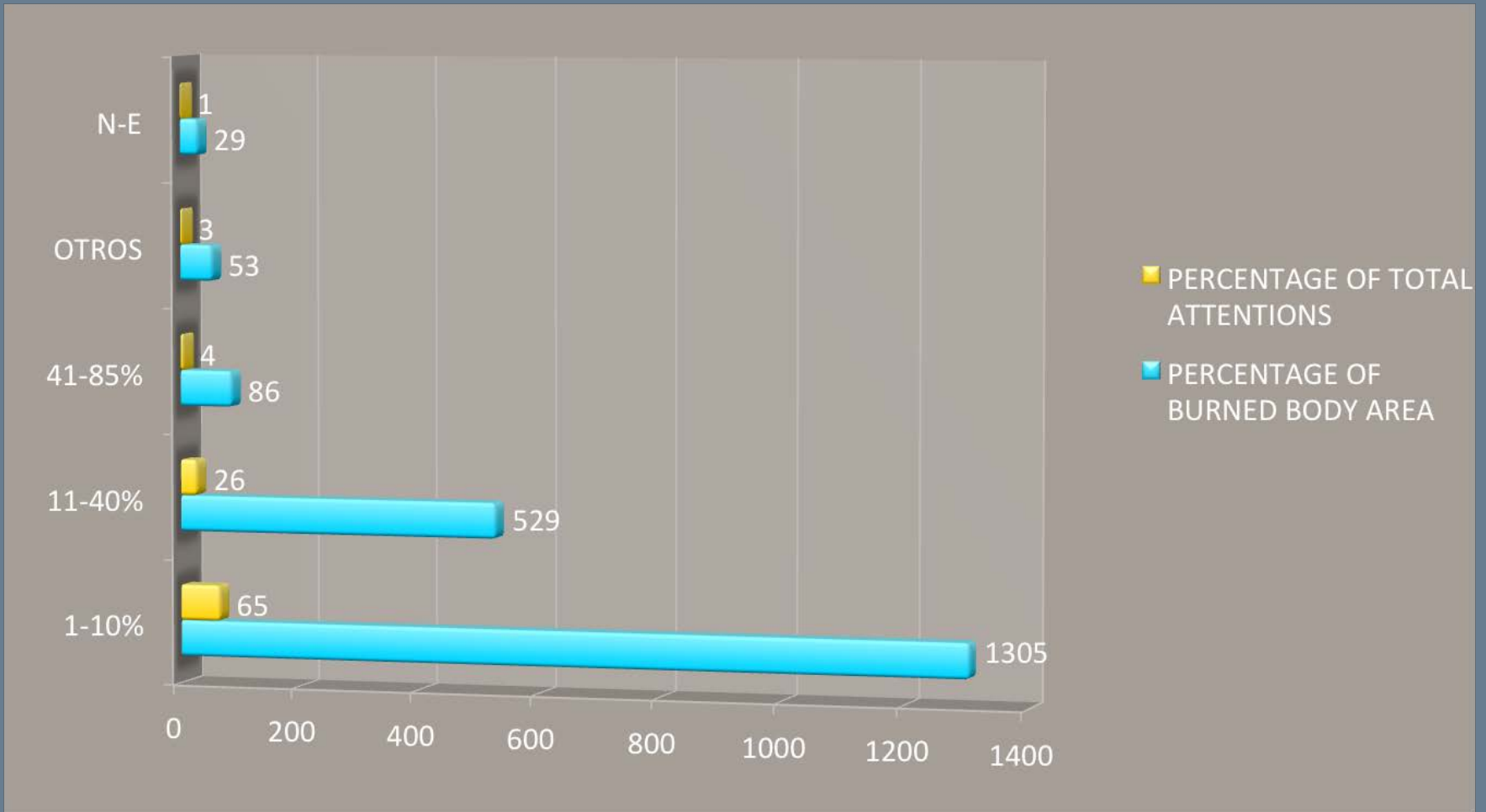
TYPE OF BURN



# DISTRIBUTION BY SEX



# BURNING EXTENSION



# PROJECTS OBJECTIVE

- To provide timely and specialized medical attention with the necessary biomedical equipment and instruments to enable the recovery of burned pediatric patients



# SPECIFIC OBJECTIVES

- Provide biomedical equipment to the Burn Unit that supplies the ones that are deteriorated or obsolete
- Improve quality of care with high-tech equipment
- Reduce scars with the right equipment and improve the safety of critically burned pediatric patient care
- To cover their attention needs of the burned pediatric patient once their attention capacity is exceeded with the requested equipment.

# SPECIFIC OBJECTIVES

- Reduce and avoid secondary consequences of the burn, such as, retractile scars, deformations and epidermal contractions.
- Maintain safety in the quality of attention preserving the life of the burned pediatric patients.

# INTEREST AREA

- Prevention and treatment of diseases







# EQUIPMENT REQUESTED

- ONE ULTRASOUND SYSTEM SIEMENS MODEL X300, FOR IMAGING PERFORMANCE ACROSS A RANGE OF CARDIOVASCULAR APPLICATIONS
- ONE ZIMMER ELECTRIC DERMATOME SKIN GRAFTING SYSTEM
- ONE ZIMMER SKIN GRAFT MESHER LARGER DISPOSABLE CARRIERS FOR EASIER GRAFT HANDLING.
- LAMINAR FLOW CABINETS, CREATE PARTICLE-FREE WORKING ENVIRONMENT TO PREPARATION OF MEDICATIONS.
- TRANSPORT TROLLEY EMERGENCY WITH CPR; INCLUDES BOARD, DEFIBRILLATOR AND INTRAVENOUS POLE.
- TWO WELCH ALLYN DIAGNOSTIC SET FOR TRADITIONAL REVISION PHYSICAL EXAM.

# EQUIPMENT ACTUALLY



