

POR UNA MEJOR SONRISA (FOR A BETTER SMILE)

PROJECT OF EQUIPPING THE OPERATING ROOM

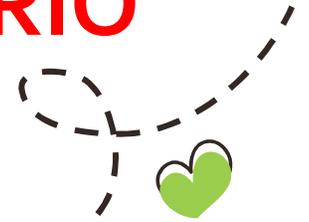
HOSPITAL INFANTIL UNIVERSITARIO

Rotary
Torreón Campestre



Torreón, Coahuila October 2020

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MISSION

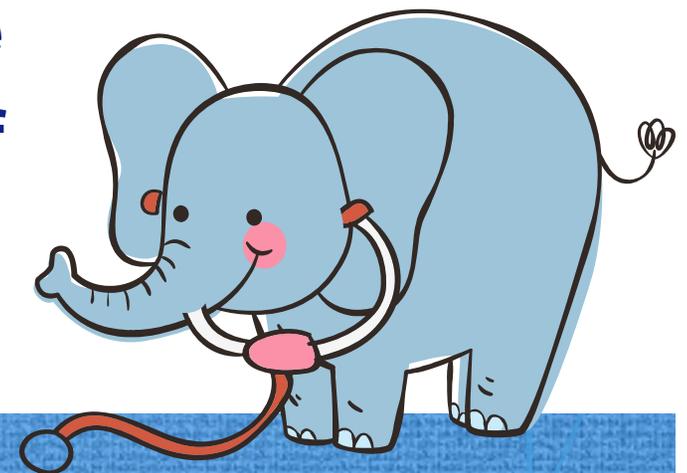
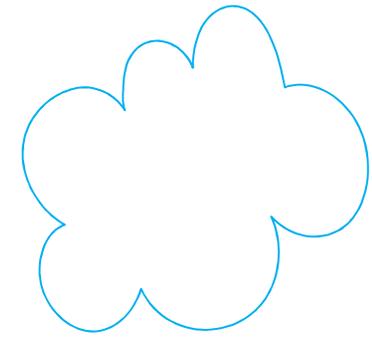
Offering attention of quality with friendliness to the young patients and promote preventive actions in the three levels of attention, by continually updating the health personal.



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VISION

Keep leadership in children's attention, increase the coverage of pediatrics' population and improve constantly the expectations of the current medical quality.



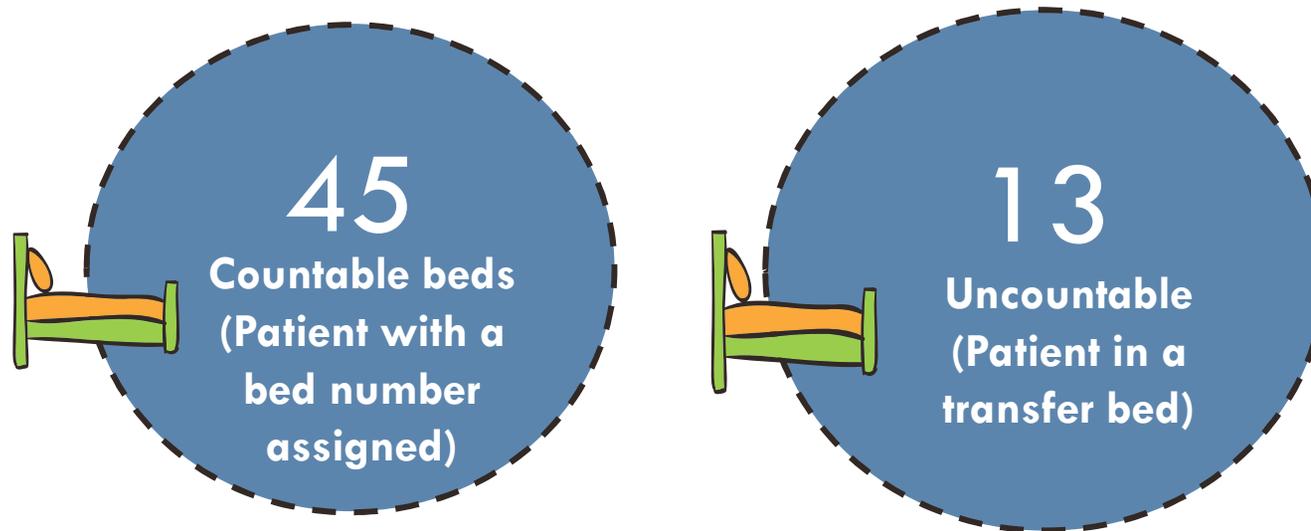
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VALUES

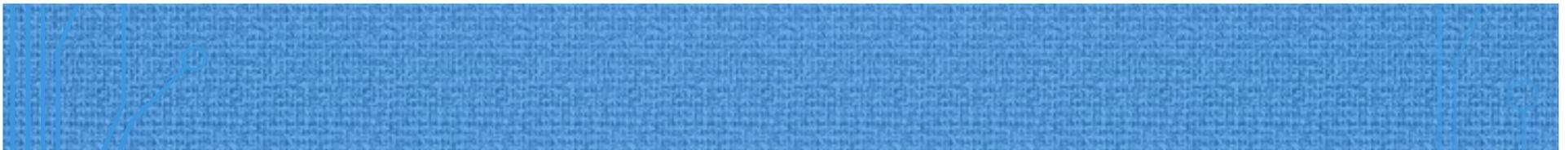
- Research
- Loyalty
- Respect
- Discipline
- Quality
- Empathy



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This enables us to give support to patients from different hospitals in the region, specially those belonging to the Secretary of Health.



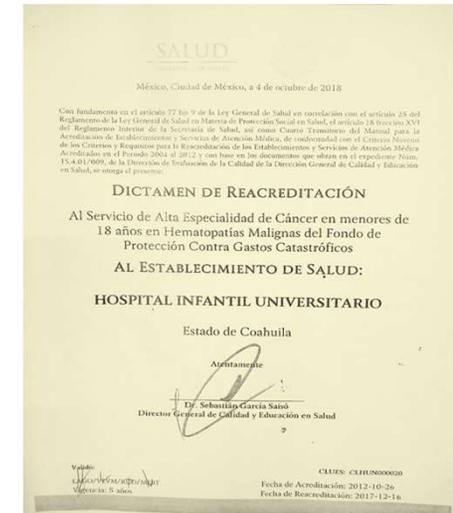


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Federal accreditations*

+Oncohematology

+Neonatal Intensive Care Unit (UCIN)



***These are national qualifications that give us the opportunity to treat patients from any other state.**



THE HOSPITAL HAS A DENTAL DEPARTMENT EQUIPPED WITH



Three dental units



An X-Ray



A developer box

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Conditioning of sedation equipment



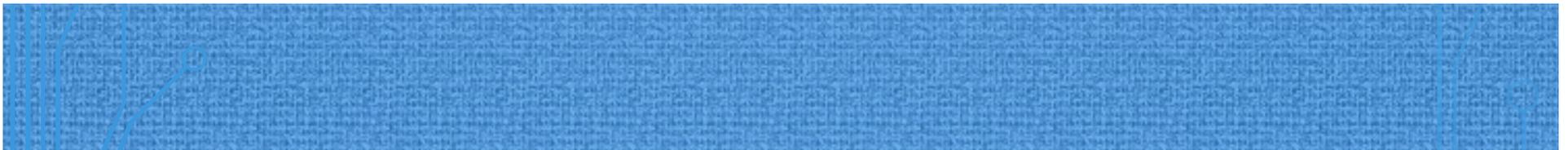
THE HOSPITAL HAS A DENTAL DEPARTMENT EQUIPPED WITH

Dental and medical
instruments and material



Dental equipment and materials

80% of this department's assets, come from donations made by the Torreón Campestre's Rotary Club that began in 1990 and thus installing this program..



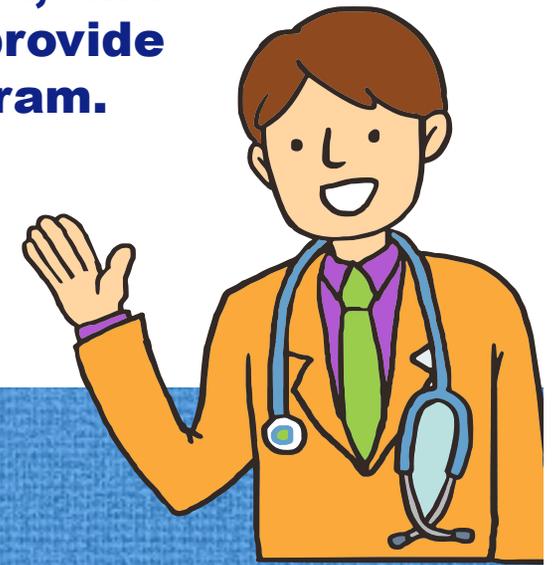
BEGINNING OF THE PROGRAM

30 years ago the Dr. Óscar Rodríguez Villarreal and the Dr. Evangelina Juárez Ibarra, noticed the difficulties that came while treating dental issues in children with different capacities, thus they committed to create a campaign to evaluate this children's dental health.

They realized most cases required surgery, due to the constraints that came with the intervention, and they decided to create a second campaign to provide this treatment, consequently creating the program.

“Por una mejor sonrisa”.

(For a better smile)



OBJECTIVES



- Improve the quality of life of patients with impairments.
- Improve their physiognomy.



- Improve their intrafamiliar relationship.
- Educate the family members in their child's special oral care.



- Educate medical, dental and nursing staff in the surgical handling of these patients.



- Keep the rotation of odontopediatrics master's students in this hospital.

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CAMPAIGN'S BEGINNING WITH CONSULTATIONS WEDNESDAY 25TH APRIL 1990

As we are the only pediatrics Hospital in the region, and our Operation Room is equipped for this type of patients, we are able to provide this kind of attention.

We can schedule up to 4 patients each month (1 per week), so in a year up to 48 children may attend a surgery.



STATISTICS FROM THE DENTAL DEPARTMENT

YEAR	CONSULTATIONS
1990	989
1991	1398
1992	1158
1993	1108
1994	1086
1995	826
1996	756
1997	826
1998	972
1999	1089
2000	930

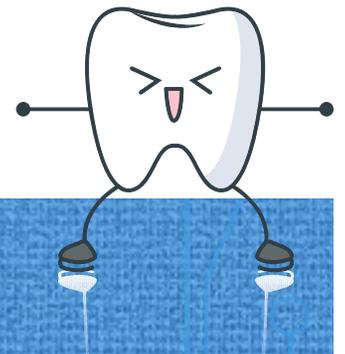
YEAR	CONSULTATIONS
2001	985
2002	1005
2003	1462
2004	1424
2005	1328
2006	1645
2007	2095
2008	1683
2009	1793
2010	1830

YEAR	CONSULTATIONS
2011	1951
2012	1867
2013	1795
2014	2139
2015	2314
2016	2499
2017	2212
2018	1887
2019	1736
2020	465

From the total of annual consultations in this department, 15% approximately are from children grasped from the program.



From this 15%, due to the previously mentioned constraints, 40% is moved to the Operating Room where up to six dental pieces may be treated in just one surgery.



In this program the ambulatory treatments that are performed by the dental department are an average of 8 patients a week, having been an approximate of 9,500 dental procedures performed in the children treated throughout the program's history.

The material and equipment in this program has been given by Torreón Campestre's Rotary Club.

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MOST COMMON PROCEDURES IN DENTAL SURGERY

Dental cavities– dental fillings with resin and/or glass ionomers-
Abscesses and/or pulpitis - pulpotomy y pulpectomy in permanent
teeth, endodontics, tooth fractures, oral rehabilitation – dental crowns.

All of this to children with different impairments such as Down
Syndrome, Cerebral Palsy and Autism.

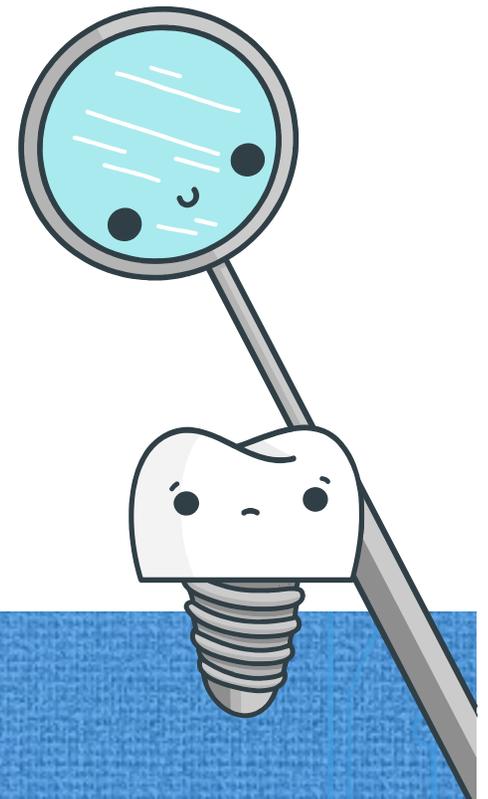
As well as those from other medical units that lack the experience in
the procedure and handling of these kind of patients.

**Also treating children from the Oncohematology
Department (Certified area).**



PROGRAM'S CASES

LUPITA'S CASE



LUPITA'S CASE

Patient born with Cerebral Palsy. She came to the hospital on April 7th, 1994 when she was 12 years old. She was assessed, finding dental organs with multiple injuries that required treatment, due to the diagnose and the lack of cooperation of the patient, with general anesthesia.

She was directed to our program and scheduled for her treatment every trimester for different oral rehabilitation methods. During her time here, she was also granted a wheelchair in 1997.

After the appearance of her permanent dental pieces, preventive treatments were provided, through the application of sealers.

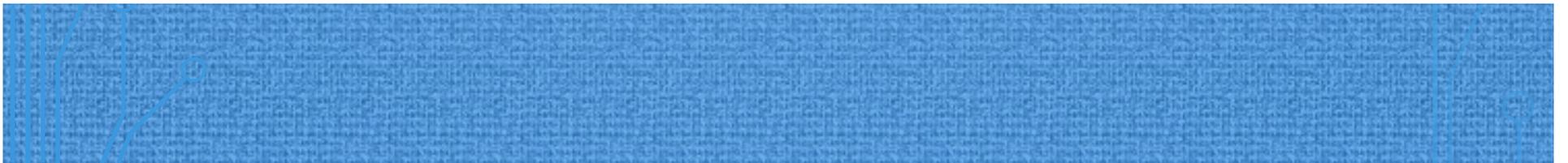


Due to the her impairments, she has trouble handling the toothbrush so we trained her family member to assist her with regular cleaning, otherwise this causes damage that will require further rehabilitation.

She has lost some appointments as her family income is low and they live in a small community outside the city, so they frequently lack the means to come to the hospital. This has been aggravated due to her father's passing.

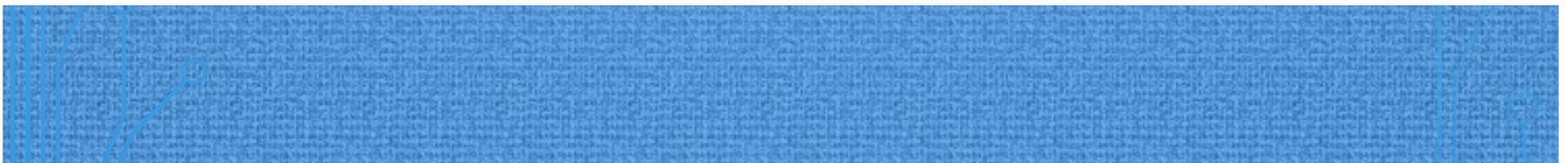
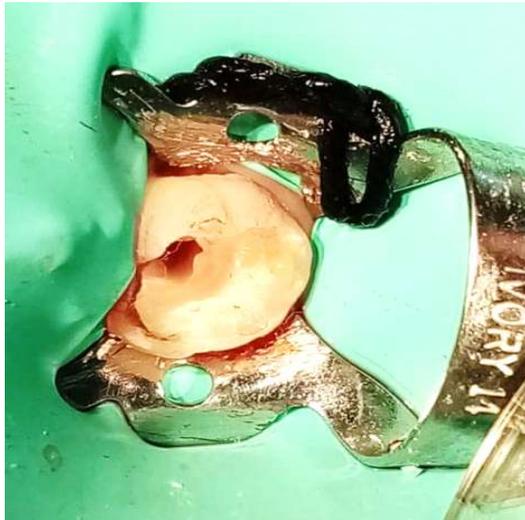
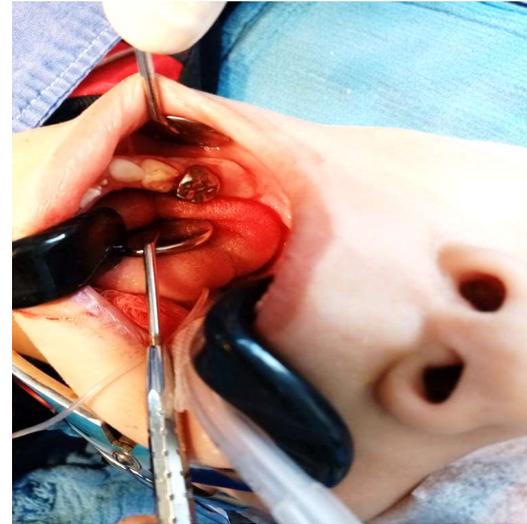
Nowadays she is the oldest patient, both in age and in treatment time, as we keep providing her attention through our program "*Por una mejor sonrisa*". As such, we have developed great affection for her.

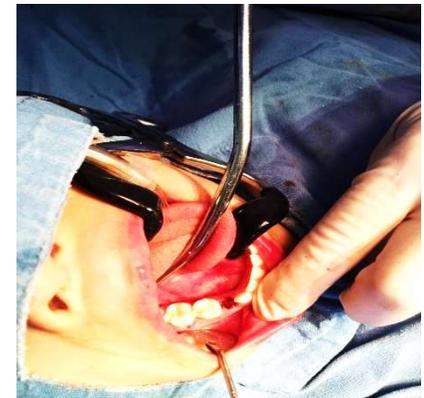
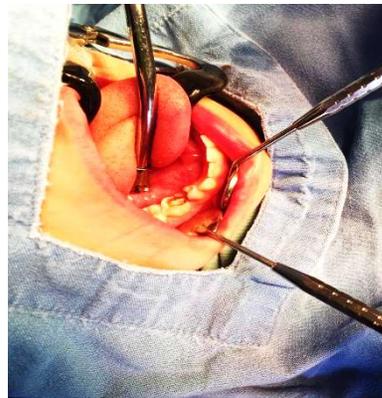
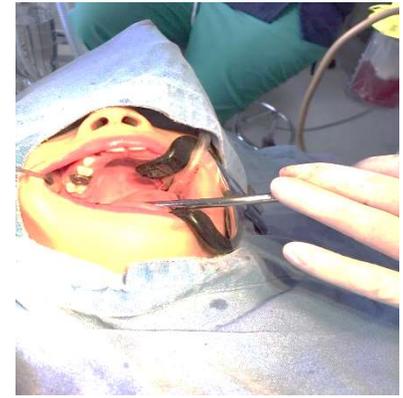






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DENTAL ESTIMATES

SURGERY

HIU*		PRIVATE		SAVING
4 CONSULTATIONS	\$9.52	\$ 19.04 USD C/U	\$ 76.19	\$ 66.66 USD
OPERATING ROOM	\$0.00	PRIVATE MINIMUM	\$ 952.38	\$ 952.38 USD
AVERAGE SAVING				\$ 1,019.04 USD

AMBULATORY

HIU*		PRIVATE		SAVING
4 CONSULTATIONS	\$ 9.52	\$ 19.04 EACH	\$ 76.19	\$ 66.66 USD
1 RESIN	\$ 4.75	\$ 23.80		\$ 19.04 USD
1 ENDODONCY	\$ 14.28	\$ 57.14		\$ 42.85 USD
1 D. CROWN	\$ 7.14	\$ 33.33		\$ 26.19 USD
AVERAGE SAVING				\$ 154.74 USD

THIS IS A SAVING TO THE PATIENT AND SOCIETY, AS THE EXPENSE IS COVERED BY TORREÓN CAMPESTRE'S ROTARY CLUB.



HIU*: HOSPITAL INFANTIL UNIVERSITARIO

OUR OPERATING ROOM'S NEEDS

1 ANAESTHETIC MACHINE WITH 2 VAPORIZERS		\$ 15,038.09 USD
2 MONITORS (1 FOR O.R. Y 1 IN RECOVERY)	\$ 1,261.90	\$ 2,523.80 USD
1 HALOGEN LAMP		\$ 5,952.38 USD
1 X RAY MACHINE		\$ 1,719.80 USD
2 DEVELOPER BOXES	\$ 34.48	\$ 68.96 USD
CLOSED-CIRCUIT CAMERA		\$ 1,190.47 USD
DENTAL MATERIAL AND EQUIPMENT FOR SURGERY		\$ 1,190.47 USD
SUBTOTAL		\$ 27,684.01 USD
IVA TAX		\$ 4,429.44 USD

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TOTAL \$ 32,113.45 USD





CONCLUSIONS



SAVINGS OF AMBULATORY INTERVENTIONS (CONSULTATIONS) HOSPITAL INFANTIL

Our experience in statistics through 30 years, tell us at least 8 treatments are performed by week, within 40 workable weeks a year, $(8)(40)= 320$ procedures a year: This means

$(320) (\$154.76 \text{ USD}) = \$ 49,523.80 \text{ USD}$ annual savings per consultations and ambulatory treatment

IN HOSPITAL INFANTIL UNIVERSITARIO

We only charge the first consultation \$ 9.52 USD

Private hospitals charge each \$19.04 USD

Our Hospital has performed 1,508 consultations per year.

The expense in a private hospital would be $(1508) (\$19.04) = \$ 28,723.80 \text{ USD}$

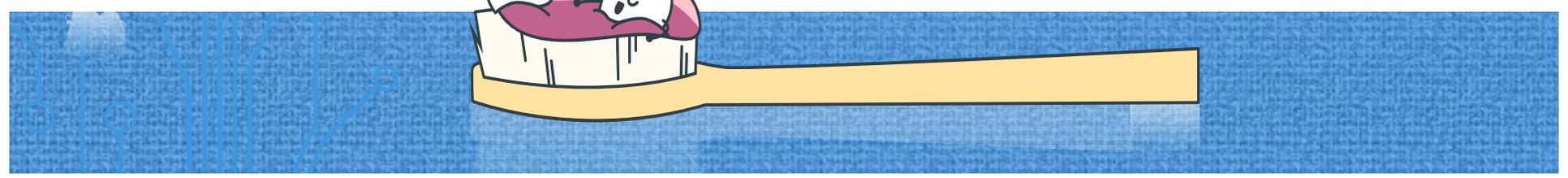
This is a saving and benefit to society annually.



Rotary International through its 4110 District, hereby acknowledges the endeavor of this hospital's staff, both inside and outside, and without whose effort this program would not be possible.



Torreón, Coahuila October 10th, 2020



FINAL COMMENTS

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There are really a very few hospitals that are certified nationally to perform this kind of treatments, thus it is commonly visited by families with a pressing need from everywhere around the country.

An additional benefit to the dental healthcare provided to this special young patients is the reduction of the HEAVY LOAD that ALL THE PATIENT'S FAMILY is burdened to carry, by simply improving the child's condition and allowing them to manage better by him or herself, so their family dynamic becomes a lot less stressful.

It's really important to comment the additional activities to our Dental Program, which still take place within the Operating Room.





More often than not, our patients get to surgery with several deficiencies or corrections on their denture. Due to the highly qualified medical staff working selflessly in this hospital, is that up to six procedures may be performed in just one intervention, which means there's a high productivity rate in the Operating Room's use.

There are also cases of patients with Cleft Palate, for these, we inform the dental specialist to schedule, within the same surgery, the process to correct the deformation.

Talking about the Oncohematology Department, there are several occasions that require the use of the Operating Room for the intervention, as well as some of the material donated by Torreón Campestre's Rotary Club.





As you may well observe, the activities performed in this hospital are highly complex. Knowing this, the master students of the Faculty of Dentistry submit the request to carry out their internships here, as they understand that the experience they will acquire in this hospital, might not be offered elsewhere.

It is necessary to comment a very important fact about this medical center. It turns out it is the only one in the state, and one of the very few in the country that are certified to treat children with blood diseases, that may go from something mild to even some forms of cancer. Therefore the hospital's operation is of the utmost importance as a social support.





It seems obvious that this hospital is truly an island in a sea full of “We can’t treat you”, “We lack the means and the experience” or the “We do have the treatment, but it is very expensive”, were a lot of children and their families feel shipwrecked, trying to grasp any help they might get to alleviate their distress.

We are convinced that these projects keep “opening opportunities” for those in need, that give a different outcome to those children whose future is deeply uncertain; but nonetheless, we still hold hope and we intend to keep imbuing them with it, because without hope, everything else in life would be useless.





Knowing your proactive stance towards these projects and by being aligned with Rotary's mission, we invite you to do everything within your reach, to help us grow this program in benefit of the children, families and society.

¡We will appreciate your valuable support!

