



IS IT POSSIBLE TO BECOME A LEADER HOSPITAL IN ORGAN DONATION IN A SHORT PERIOD OF TIME?

Martha Susana Pérez Cornejo, Ernesto Duarte Tagles, Alejandro René Bernal Yanes, María Fernanda Félix Rodríguez, Daniel Rosas Salazar, Natalia Rodríguez Payán, Luis Carlos Rodríguez Sancho.

DISCLOSURES

I have no conflicts of interest to disclose



INTRODUCTION

- In México,
 - Every hospital must have a specific license to do organ procurement **(reason why most hospitals in México can't proceed with an organ donation).**
 - Must have a physician as Organ Donation Coordinator:
 - To do Intrahospital education,
 - Apply protocols to detect, follow and determine suitability of potential donors;
 - Talk to families and get consent donation.

PROBLEM

- In many hospitals is an additional job
- Many times, non paid job

PURPOSE OF STUDY

- To show how organ donation rises as long as there are people working specifically in organ donation.
 - Intensive care specialist as a coordinator
 - Medical doctors working only in donor coordination

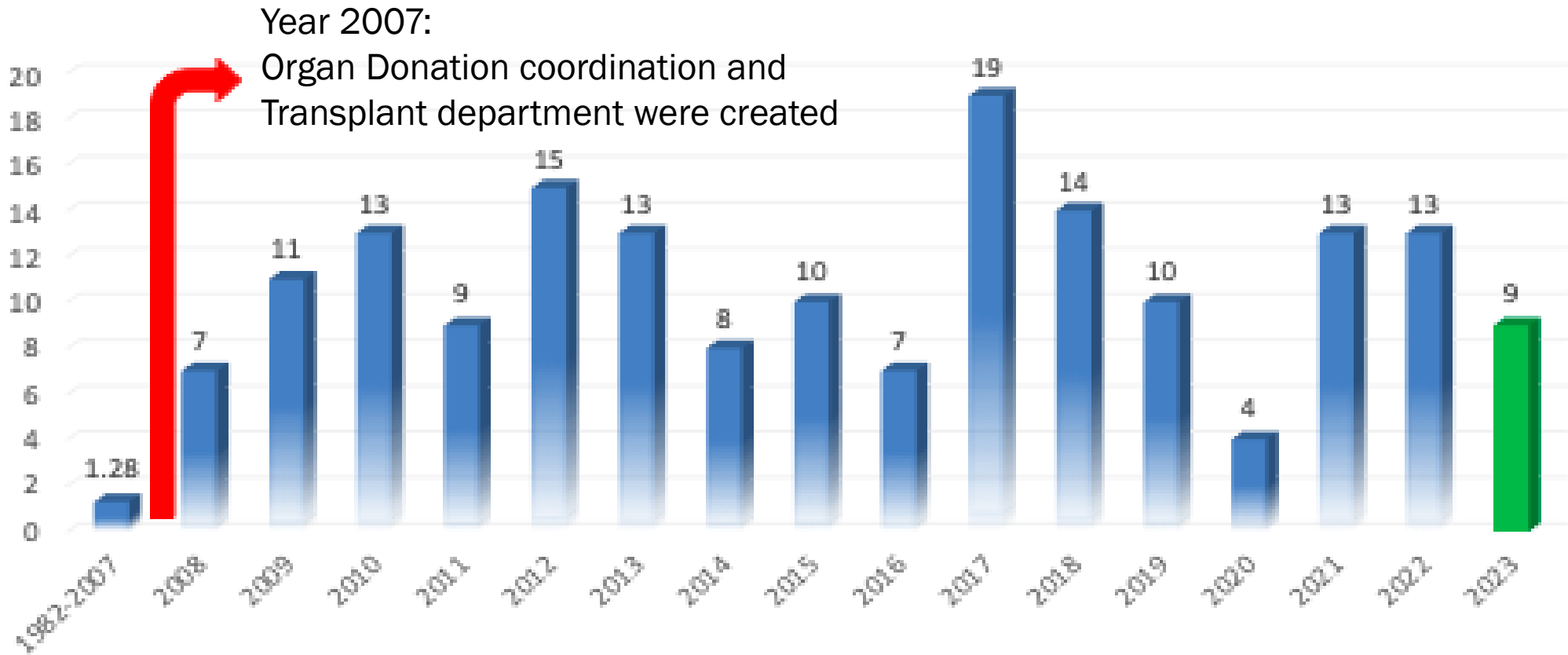
METHODS

- Retrospective study from 1982 to 2022
- Two groups,
 - Group A: 1982-2007: without organ coordinator
 - Group B: 2008-2022: with organ coordinator
- Data of consented and not consented donations from BD only were obtained in each group.



RESULTS

DEATH BRAIN DONORS



- Group 1 (1982-2007): average of DBD was 1.82 donors per year.
- Group 2 (2008-2022): 11 DBD average



RESULTS

- In 2012, hospital appeared by the first time ranked in the top 5 hospitals with most DBD nationwide (among 435 licensed hospitals)
- Over the last 10 years, has appeared 7 times in this list, being 2nd place three time in 5 years: 2012, 2013, 2014, 2017, 2018, 2019, 2021

2017

SALUD



CENATRA
CENTRO NACIONAL DE TRASPLANTES

DONACIONES CONCRETADAS POR MUERTE ENCEFÁLICA, ANUAL 2017, PRIMEROS 5 ESTABLECIMIENTOS.

Lugar	Establecimientos	Entidad federativa	Institución	Total
1	U.M.A.E. HOSPITALES DE ESPECIALIDADES DEL CENTRO MEDICO NACIONAL	CDMX	IMSS	26
2	HOSPITAL GENERAL DEL ESTADO "DR. ERNESTO RAMOS BOURS"	SON	SSE	19
3	CENTENARIO HOSPITAL MIGUEL HIDALGO	AGS	SSE	17
4	HOSPITAL CIVIL DE GUADALAJARA ("FRAY ANTONIO ALCALDE")	JAL	SSE	15
5	HOSPITAL DE ESPECIALIDADES NO. 1 DEL CENTRO MEDICO NACIONAL DEL BAJIO	GTO	IMSS	14

Fuente: Sistema Informático del Registro Nacional de Trasplantes, corte 31 de diciembre de 2017.

DONANTES DE ÓRGANOS, ANUAL 2012 PRIMEROS 5 ESTABLECIMIENTOS

SALUD



LUGAR	ESTABLECIMIENTO	EDO	DEPENDENCIA	CANTIDAD
1	HOSPITAL CENTRAL "DR. IGNACIO MORONES PRIETO"	SLP	SSE	28
2	U.M.A.E. HOSPITALES DE ESPECIALIDADES DEL C. M. N.	DF	IMSS	22
3	HOSPITAL GENERAL DEL ESTADO "DR. ERNESTO RAMOS BOURS"	Son	SSE	15
4	HOSPITAL GENERAL REGIONAL DE LEÓN	Gto	SSE	13
5	HOSPITAL CIVIL DE GUADALAJARA ("FRAY ANTONIO ALCALDE")	Jal	SSE	12
	INSTITUTO NACIONAL DE NEUROLOGÍA Y NEUROCIRUGÍA	DF	SSA	12

2018

SALUD

CENATRA
CENTRO NACIONAL DE TRASPLANTES

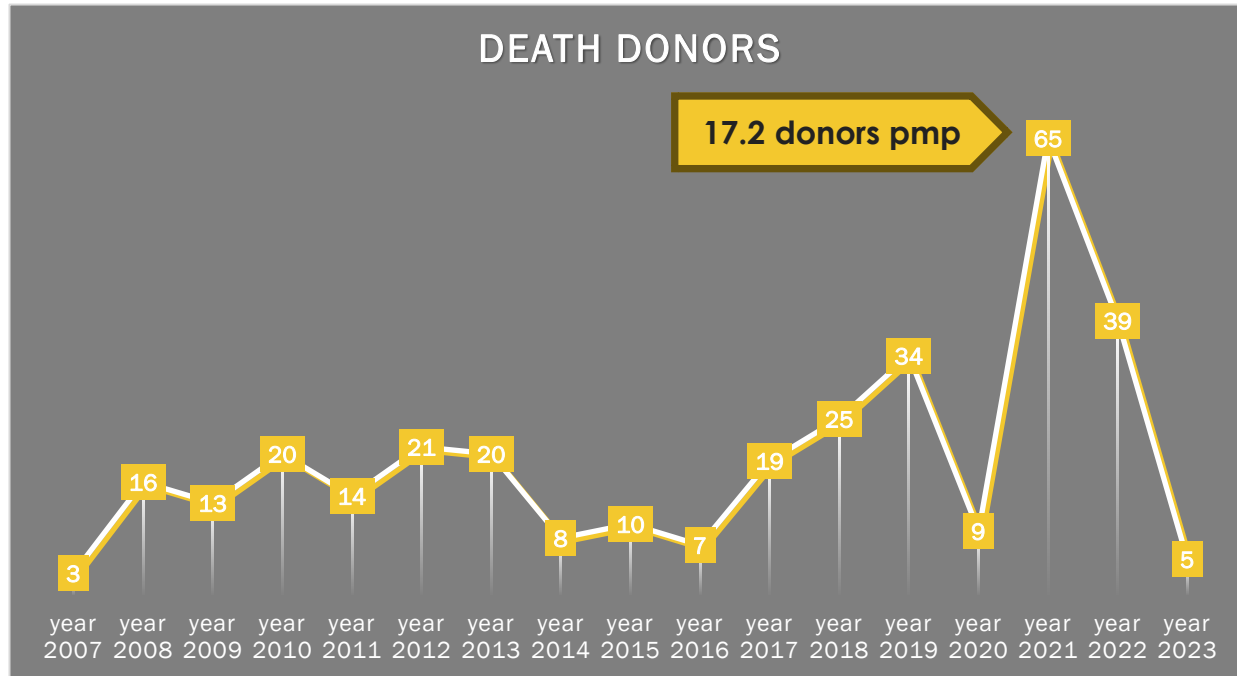
DONACIONES CONCRETADAS POR MUERTE ENCEFÁLICA, ANUAL 2018, PRIMEROS 5 ESTABLECIMIENTOS.

Lugar	Establecimientos	Entidad federativa	Institución	Total
1	U.M.A.E. HOSPITALES DE ESPECIALIDADES DEL CENTRO MEDICO NACIONAL	CDMX	IMSS	26
2	HOSPITAL GENERAL REGIONAL DE LEON	GTO	SSE	19
3	INSTITUTO NACIONAL DE NEUROLOGIA Y NEUROCIRUGIA	CDMX	SSA	17
4	HOSPITAL CENTRAL "DR. IGNACIO MORONES PRIETO"	SLP	SSE	16
5	HOSPITAL GENERAL DEL ESTADO "DR. ERNESTO RAMOS BOURS"	SON	SSE	14



RESULTS

- In 2021, death donor rate was 17.2 pmp.
- Total of DBD since 2008 is 175, median age 39 years, 68% male and 32% female.



DONACIONES CONCRETADAS POR MUERTE ENCEFÁLICA, ANUAL 2021, PRIMEROS 5 ESTABLECIMIENTOS.

Lugar	Establecimientos	Entidad federativa	Institución	Total
1	U.M.A.E. HOSPITALES DE ESPECIALIDADES DEL CENTRO MEDICO NACIONAL	CDMX	IMSS	14
2	HOSPITAL GENERAL DEL ESTADO "DR. ERNESTO RAMOS BOURS"	SON	SSE	13
3	HOSPITAL REGIONAL NO. 1	QRO	IMSS	13
4	U.M.A.E. HOSPITAL DE ESPECIALIDADES "DR. ANTONIO FRAGA MOURET" DEL CENTRO MEDICO NACIONAL LA RAZA	CDMX	IMSS	10
5	HOSPITAL GENERAL IRAPUATO	GTO	SSE	10

2021

DONACIONES CONCRETADAS POR MUERTE ENCEFÁLICA ANUAL 2022, PRIMEROS CINCO ESTABLECIMIENTOS

Lugar	Establecimientos	Entidad federativa	Institución	Total
1	U.M.A.E. HOSPITALES DE ESPECIALIDADES DEL CENTRO MEDICO NACIONAL	CDMX	IMSS	22
2	HOSPITAL GENERAL DEL ESTADO "DR. ERNESTO RAMOS BOURS"	SON	SSE	13
3	HOSPITAL GENERAL DE MEXICO DR. EDUARDO LICEAGA	CDMX	SSA	13
4	INSTITUTO NACIONAL DE NEUROLOGIA Y NEUROCIQUIRIA	CDMX	SSA	11
5	HOSPITAL UNIVERSITARIO "DR. JOSE E. GONZALEZ"	NL	PRIVADO	11

2022



CONCLUSIONS



- SO: is it possible to become a leader hospital in a short period of time (and maintain it)?
YES (5 years): **HOW**
- Regarding Organ Donation Coordinator:
 - Better if it is an Intensive Care Physician or related, since detection and maintenance of a DBD would be easier,
 - Work together with transplant department to create awareness of the importance of the program inside the hospital

It is fundamental to have good communication, transparency and a permanent willingness to inform, in order to create confidence among people and to the community

THANK YOU

