

Monterrey, Nuevo Leon, Mexico
April 20 2021

Donald Dean Supalla
Club of Rochester Rotary Risers
Hilton Garden Inn
225 Broadway Ave S
Rochester, MN 55904-6504,
United States

Dear President Donald Dean Supalla:

My name is Edgar Botello Hernández, medical student in the 5th year of my degree at Universidad Autonoma de Nuevo Leon, and a member of the Rotaract Paleui Club located in Monterrey, Nuevo Leon, Mexico. I have been accepted as a research trainee for 1 year at the Mayo Clinic Neurosurgery department. It is an honor for me to be received in the # 1 ranked hospital in the USA and in the world, characterized by its humanistic treatment with the patient and great impulse for research. However, in this case they do not grant financial support, which is why I must look for alternative ways for me to be able to live this experience that I am sure will be key in my life.

In the past I have carried out transcendental projects side by side with members of District 4130, such as the Telemedicine project, carried out in conjunction with Rotary, the Nuevo Leon Health Secretariat and the University Hospital "Dr. José Eleuterio González" with the purpose of helping patients with stroke located in marginalized areas to have adequate and timely access to the treatment of their disease. This experience has made me realize the bond that exists between Rotarians, Rotaractors, and Interactors throughout the world. For this reason, I think a viable option is to ask for your support.

I am confident that I can vastly contribute to the club and the community of Rochester, Minnesota, through my full support of your activities, sharing new ideas through new points of view and the willingness to always serve above self. On the other hand, the most expensive part of my stay is the accommodation costs, where I would like to ask for your support as far as possible during my appointment scheduled for September 2021 to August 2022. I am asking specifically for housing with a Rotarian Family from your club for the complete year. In exchange, I am able to contribute with 150 USD monthly to the household expenses.

My commitment is to serve the community and the world, I hope soon to be able to do it as the best prepared neurosurgeon and researcher, where with your help I know I'll have the means to achieve it. For now, I will put in the hands of our community my willingness to help and learn.

I greatly appreciate your support, consideration and time, and I am at your entire disposal to clarify any questions or carry out any necessary paperwork if needed.

Kind regards

Edgar Botello Hernández
Cel. number. +52-811-854-2813
E-mail: edgar.botello223@gmail.com



200 First Street, SW
Rochester, Minnesota
55905
507-284-2511

Kai J. Miller, M.D., Ph.D.
Department of Neurologic Surgery

January 21, 2021

RE: Edgar Botello-Hernandez
Research Trainee Appointment – Mayo Clinic

To Whom It May Concern:

Please be advised that we have availability for Edgar Botello-Hernandez to come to Mayo Clinic (Rochester, Minnesota campus) for a one-year temporary appointment beginning mid-August 2021, as a Research Trainee.

Please note this appointment is contingent upon Mr. Botello:

- Providing all necessary application materials,
- Securing a J-1 visa,
- Passing the English proficiency requirements, and
- Providing proof of sufficient funding (\$2,471.00 USD/month or \$29,000 USD/year).

An official appointment letter will be sent once all of the above have been received. In addition, Mr. Botello will also be asked to complete a background check and health screening to finalize the appointment process before coming to Mayo Clinic.

Please feel free to contact me should you have any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read "Kai J. Miller", with a long horizontal flourish extending to the right.

Kai J. Miller, M.D., Ph.D.
Assistant Professor | Department of Neurologic Surgery
Joint Appointments | Departments of Biomedical Engineering and Pediatrics
Mayo Clinic College of Medicine and Science
www.mayoclinic.org | **Mayo Clinic** | 200 First Street, SW | Rochester, Minnesota, USA 55905



Edgar Botello-Hernandez

Date of birth:

February 3, 1999

Home address:

Calle Trueno #1012, Fracc.
Los Pinos, San Nicolas de los
Garza, Nuevo Leon, Mexico.
Postal code 66478

Home phone: (+52) 81 83
21 96 87

Cell phone: (+52) 811 854
2813

E-mail:

edgar.botello223@gmail.com

ORCID:

<https://orcid.org/0000-0003-2450-0504>

Languages:

Spanish
English
German (basic)

Education and Medical Training

Undergraduate

Bachelor's degree in Medicine
Facultad de Medicina y Hospital Universitario "Dr. Jose Eleuterio Gonzalez", Universidad Autonoma de Nuevo Leon;
Monterrey, Nuevo Leon, Mexico. **(2016- present)**

Memberships and positions held

Active Medical Student Member of the American College of Surgeons. ACS ID: #03555604 **(2020-present)**

Active member of the "Students group against neurological diseases" **(2017-present)**, serving as "Director of the Self-Help Group Program for Patients with Epilepsy". **(2017-2019)**

Founding member of the "AANS Medical Student Chapter UANL", part of the American Association of Neurological Surgeons. **(January 2021)**

Vice President of the "AANS Medical Student Chapter UANL", part of the American Association of Neurological Surgeons. **(January 2021-present)**

Awards and honours

1st Place. Annual meeting of the Mexican Academy of Neurology, with the abstract "Indices of systemic inflammation associated with the severity and functional prognosis of cerebral infarction". **(November 2020)**

2nd Place. VIII Meeting of Young Researchers of the State of Nuevo Leon, with the abstract "Psychosocial Impact on Students of Health Sciences and Non-Health Sciences during COVID-19". **(September 2020)**

3rd Place. with the abstract "COVID-19: Psychosocial Impact in Medical Students. Results of an electronic survey". **(September 2020)**

Employment

Statistician position at the Global Glaucoma Institute, North Zone. **(2020-2021)**

Research

Publications: 7

Accepted papers: 4

Papers currently submitted in a journal: 6

Active research projects: 4

Statistics: knowledge in SPSS, R, and basic Python programs.

Oral presentations and Symposia

Multiple oral presentations at the Parkinson's Association of Nuevo León (ANEP), among which "Blood pressure in Parkinson's disease" stands out.

Organizer of multiple symposia on topics in neurology and neurosurgery, such as the symposium "Parkinson's disease, current challenges" where we have the presence of international speakers from America and Europe.

Rotary International

Rotaract Paleui Club Active Member (2017-present)

- Director of Community Service **(2018-2019, 2020-present)**
- Secretary **(2019-2020)**
- Rotary ID #10340006

Projects of Transcendence

• **"Teleictus"** telemedicine project in Stroke communicating specialists from the Hospital Universitario "José Eleuterio González" with the General Hospital of Doctor Arroyo. This in conjunction with the Secretary of Health of Nuevo León, the Neurology service at the Hospital Universitario "José E. González" and the Rotary and Rotaract clubs of District 4130. **(2018)**

• **"Donatron"**, blood donation campaign in conjunction with the Secretary of Health of Nuevo León. **(2020)**



A little bit about me

Edgar Botello-Hernandez

Birth



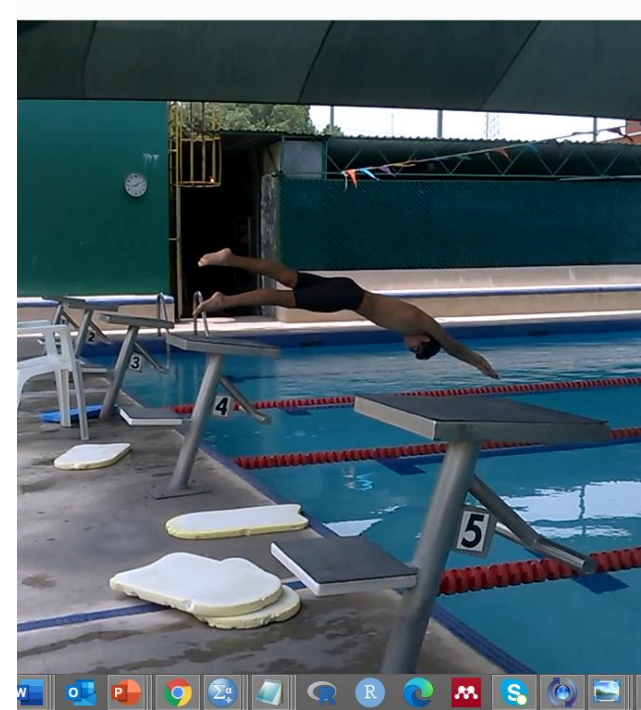


My family



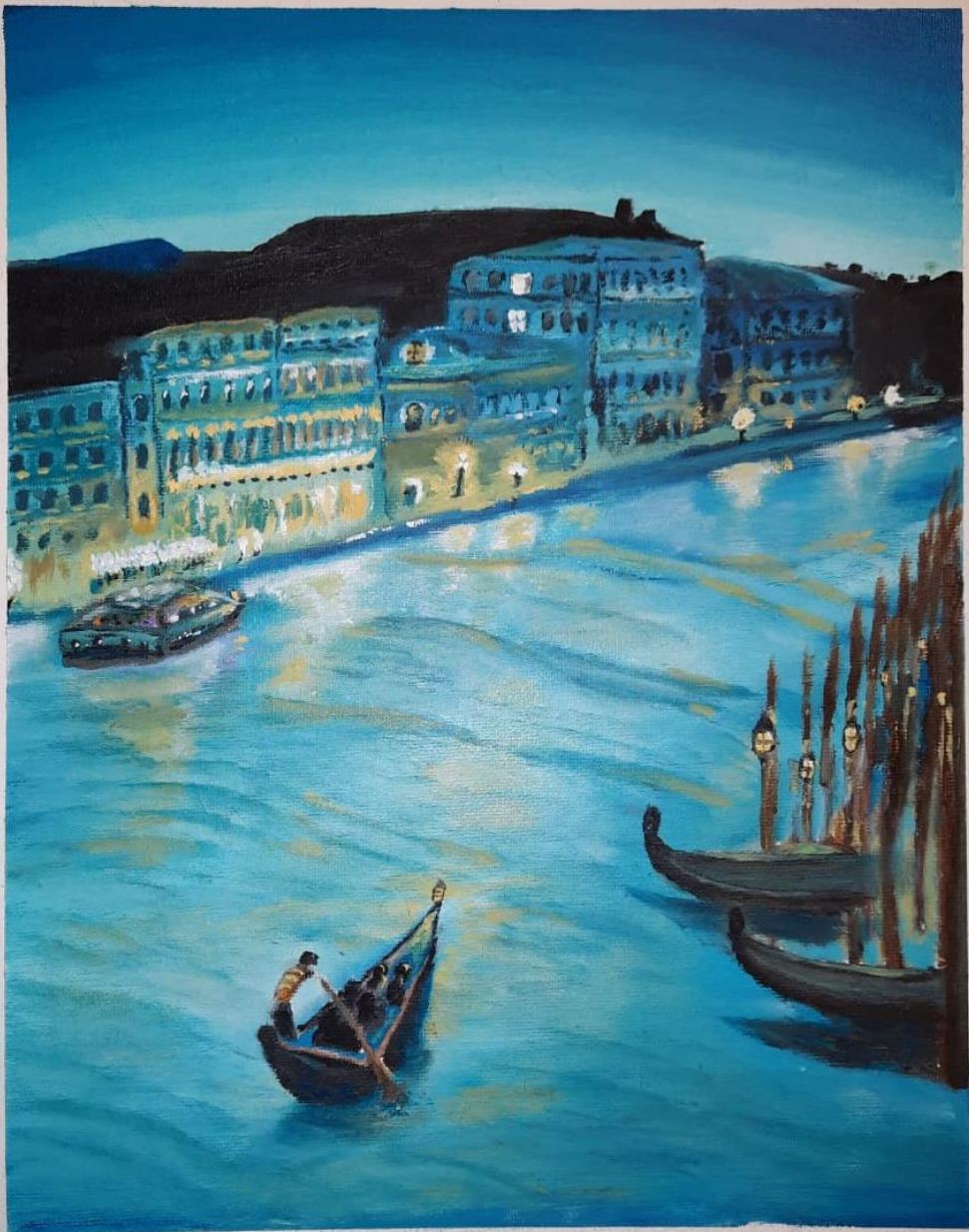
My childhood





Sports & hobbies







FACULTAD
DE MEDICINA



¡Felicidades, Alma Máter!

School of
medicine

July 2016

Todos Somos
MEDICINA

#SOMOSVÍBORAS

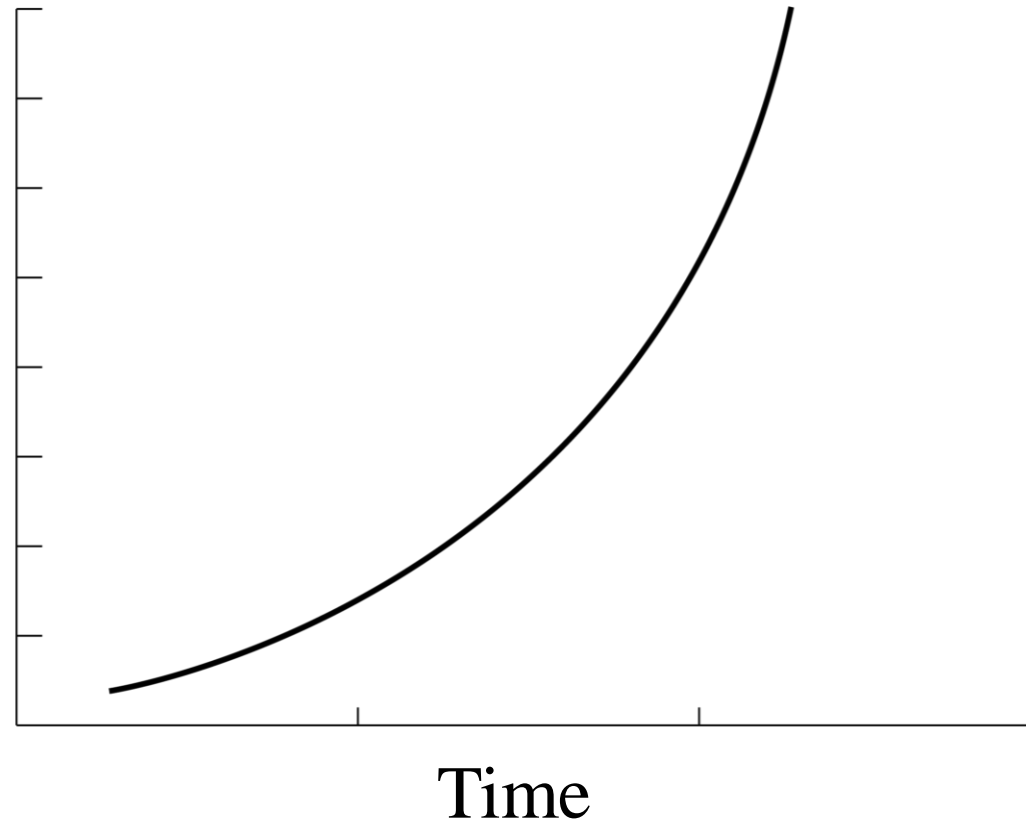
FACULTAD
DE MEDICINA



January 2018

Love for
neurosciences

Exponential Growth



January 2018

I joined the student group
against neurological diseases



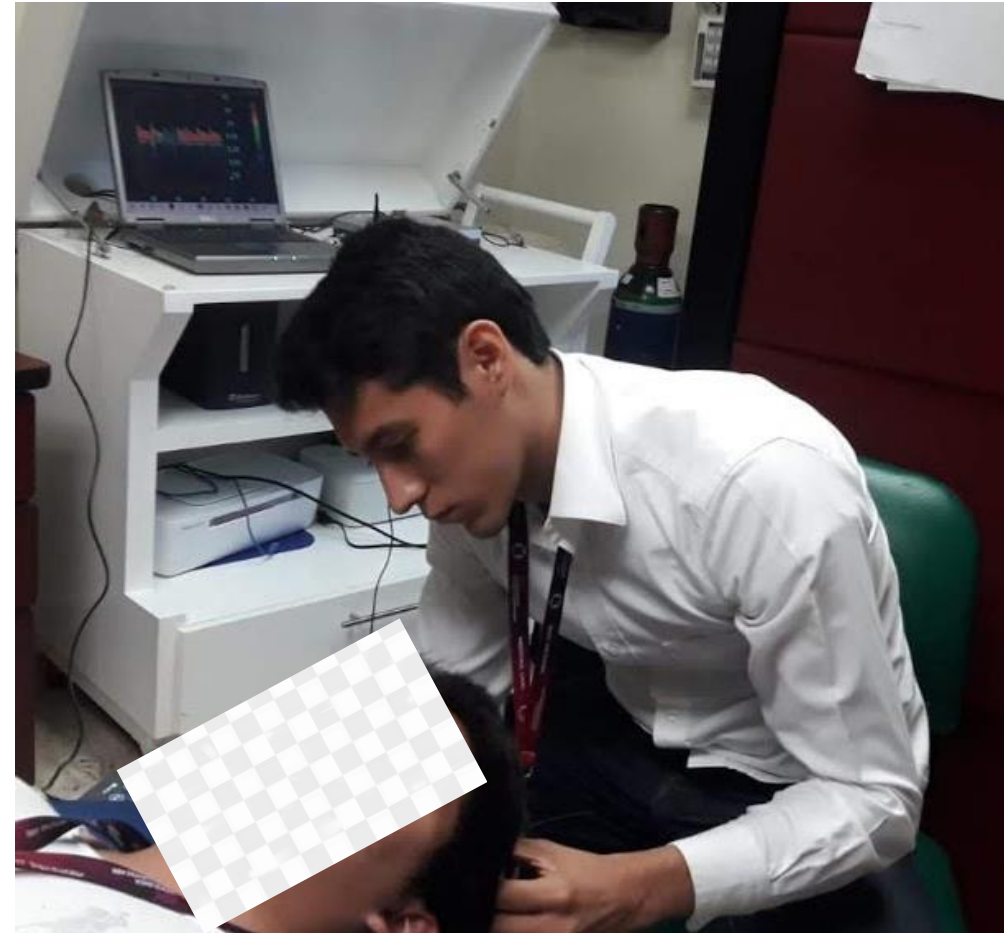
Dr. Adolfo
Cordero



Dr. Alejandro
Gonzalez

Rotaract

Research





Rotaract paleui club

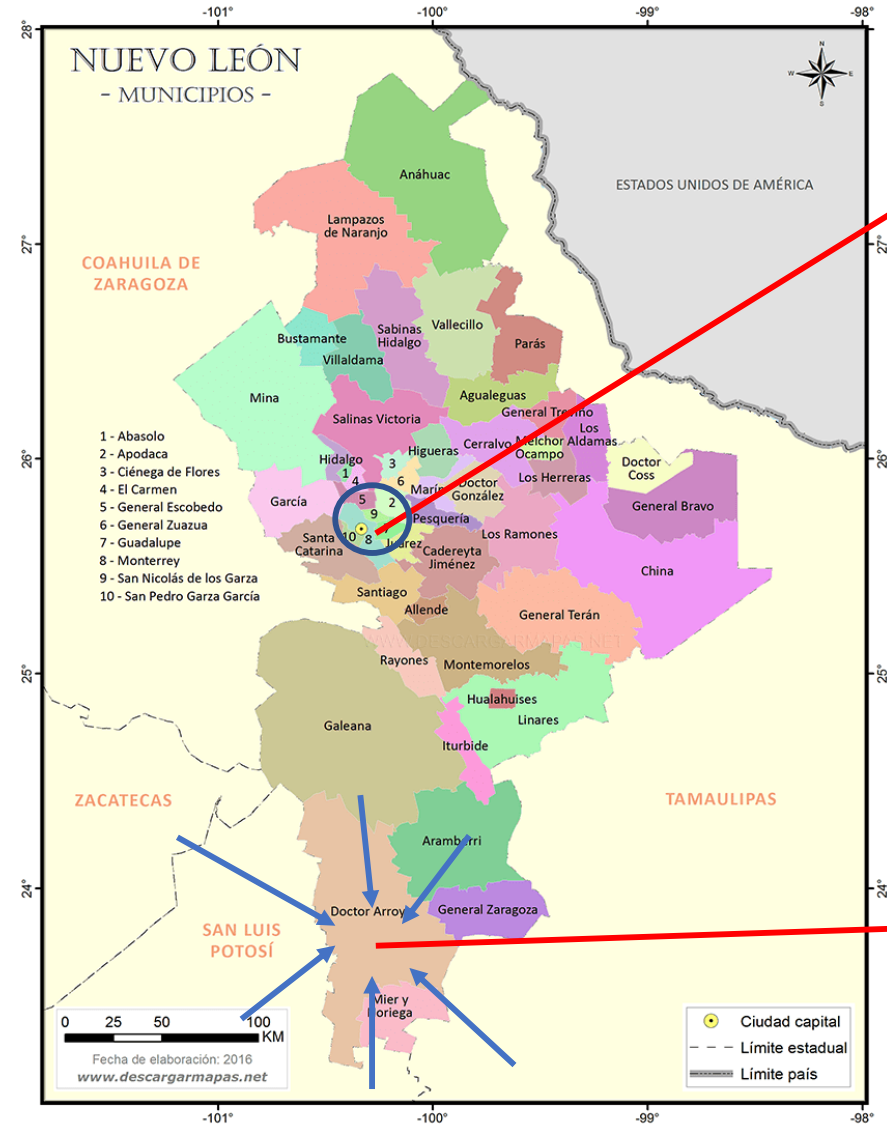




Teleictus



Teleictus project



Va a zona rural atención cerebral vía telemedicina



El teleictus tiene poco más de una semana en el hospital rural de Doctor Arroyo. Foto: Cortesía

Gabriela Villegas
Monterrey, México (09 noviembre 2018).- El tiempo límite que tiene el equipo médico para tratar a un paciente con derrame cerebral o ictus son cuatro horas y media.

Es el mismo tiempo que en promedio dura un traslado en auto de Doctor Arroyo al Hospital Universitario.

Se estima que sólo uno de cada tres pacientes que

habitan en la zona rural llega a tiempo a Monterrey a recibir atención, indica Fernando Góngora Rivera, presidente de la Asociación Mexicana de Enfermedad Vascular Cerebral.

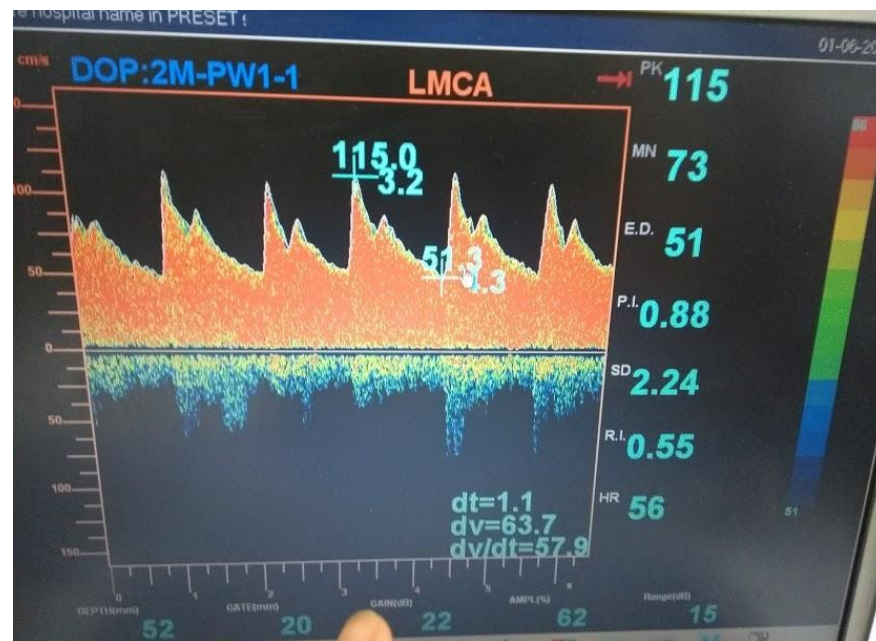
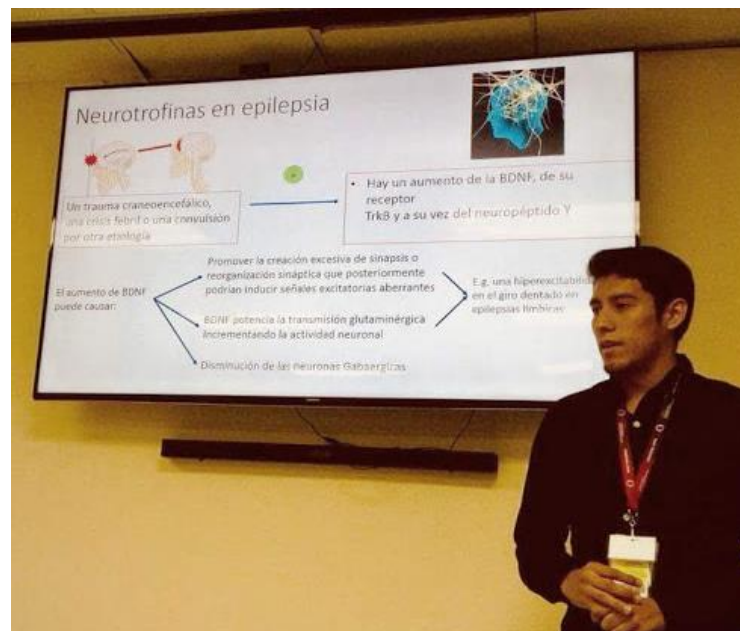
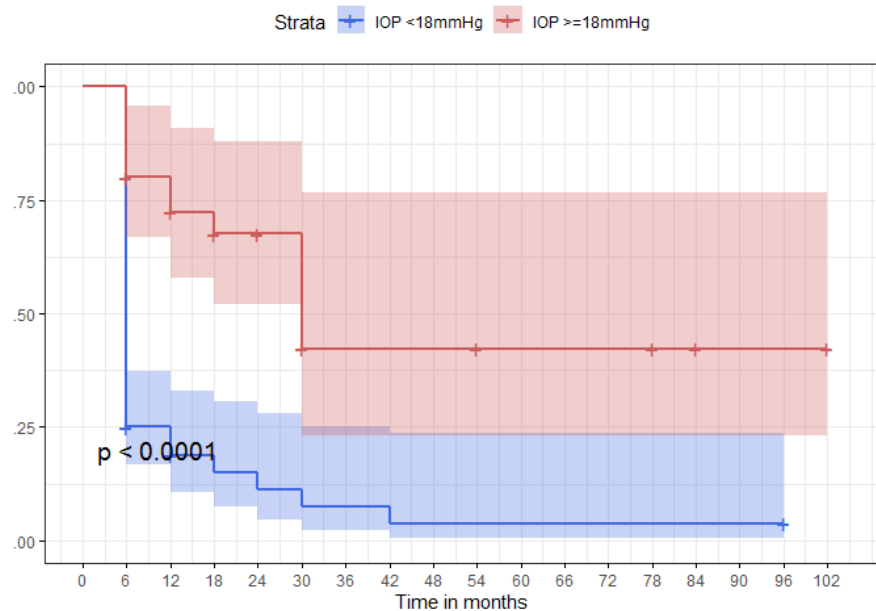
Como la rapidez en la atención al paciente es crucial, el Hospital Universitario, Rotaract y la Secretaría de Salud del Estado inauguraron el primer equipo de teleictus en Doctor Arroyo. El aparato tiene una semana en funcionamiento.

"Queremos atender en forma rápida y lo más inmediata posible cuando un paciente llega a un hospital con infarto cerebral", dice Góngora, también jefe de Cuidados Neurovasculares del HU.

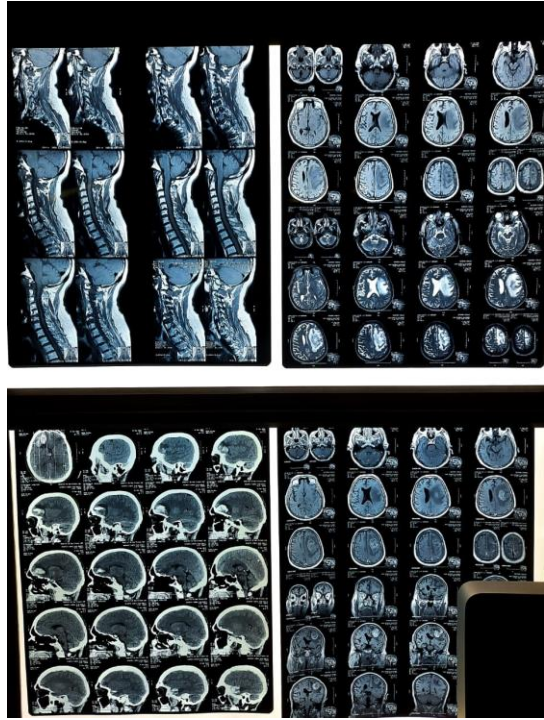
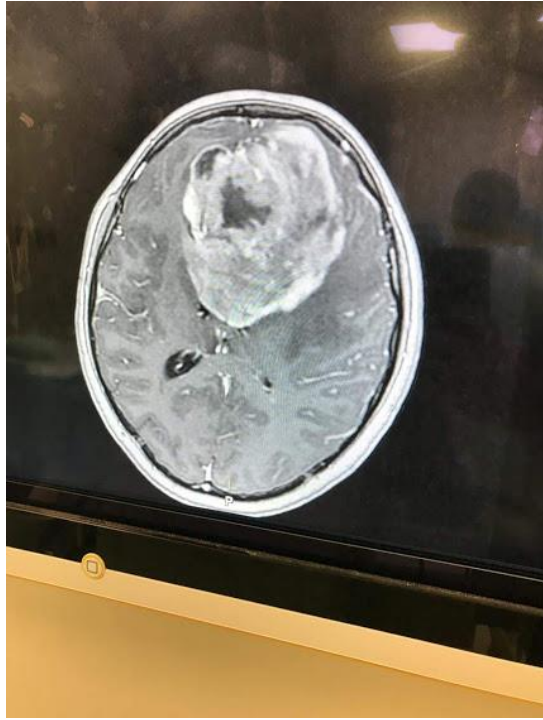
La tecnología consiste en enlazar vía telemedicina con pantallas y cámaras a la Unidad Médica del municipio rural con el Servicio de Neurología del HU. En Monterrey, un especialista da indicaciones al médico en turno de Doctor Arroyo para atender al paciente y suministrar el tratamiento trombolítico que deshace los coágulos sanguíneos.

"Puedo hablar con el médico o puedo hablar con el paciente. Lo puedo revisar desde Monterrey aunque esté en Doctor Arroyo y puedo ver los estudios de imagen y de laboratorio a distancia", detalla el especialista.

Se estima que el teleictus atienda a 30 pacientes rurales al mes; también se busca que el proyecto se expanda el próximo año a Sabinas Hidalgo, Galeana y Montemorelos.



Research





Presidente
Est. Leopoldo Pérez García
6to Año



Vicepresidente
Est. Edgar Botello Hernández
5to Año



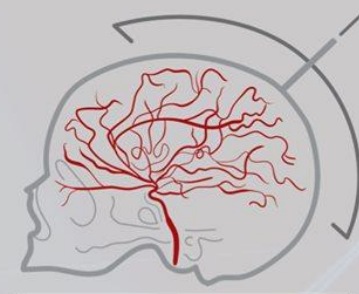
Secretario General
Est. André M. Ávila V.
6to Año



Tesorera
Est. Adriana M. Ferrera Solís
4to Año



Coordinador Interno
Est. Omar Guadiana Ruano
6to Año



AANS
Medical Student Chapter
Universidad Autónoma de Nuevo León



Est. Jorge A. Cantú Hernández
3er Año



Est. Patricio Guerra Maldonado
5to Año



Est. César A. Ramos Delgado
5to Año



Dr. Mauricio D. Arteaga Parra
Servicio Social



American
Association of
Neurological
Surgeons



Jefe Del Servicio de Neurocirugía
Dr. Med. Ángel R. Martínez Ponce
De León.



Coordinador de Pregrado Neurocirugía
Mentor Principal
Dr. Jesús Alberto Morales Gómez



Residente de 6to año
Mentor
Dr. Everardo García Estrada



My life's purpose

```
graph TD; A[My life's purpose] --> B[Help]; B --> C[Medical practice]; B --> D[Help for the community]; B --> E[The transcendence of my ideas];
```

Help

Medical
practice

Help for
the
community

The transcendence
of my ideas



De Kai Miller a Todos:
Salomon Cohen-cohen


Silenciar Detener video


Participantes 2 Chatear Compartir pantalla Grabar Reacciones

Grabar en esta computadora (Alt+R)

Salir






Silenciar


Detener video

 2
Participantes


Chatear


Compartir pantalla


Grabar


Reacciones

Activar Windows

Ve a Configuración para activar Windows.

Salir





Escritorio



03:22 p. m.
06/12/2020

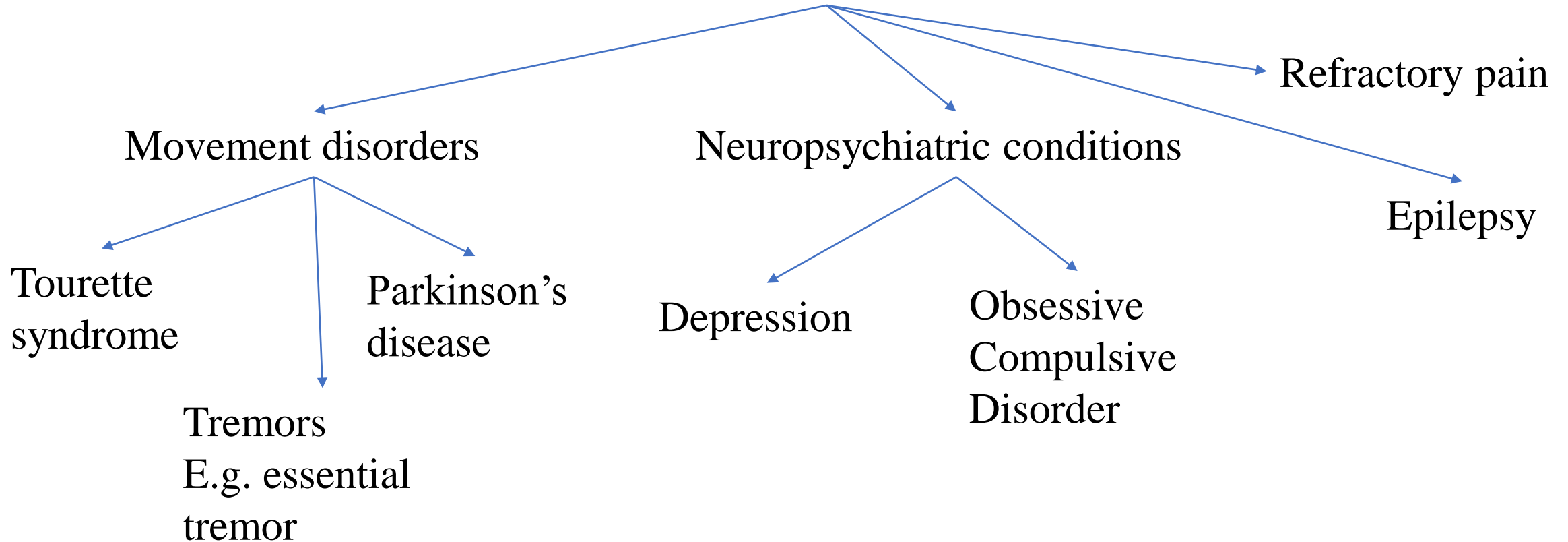


Ranked
#1
in the
Nation

U.S. News & World Report

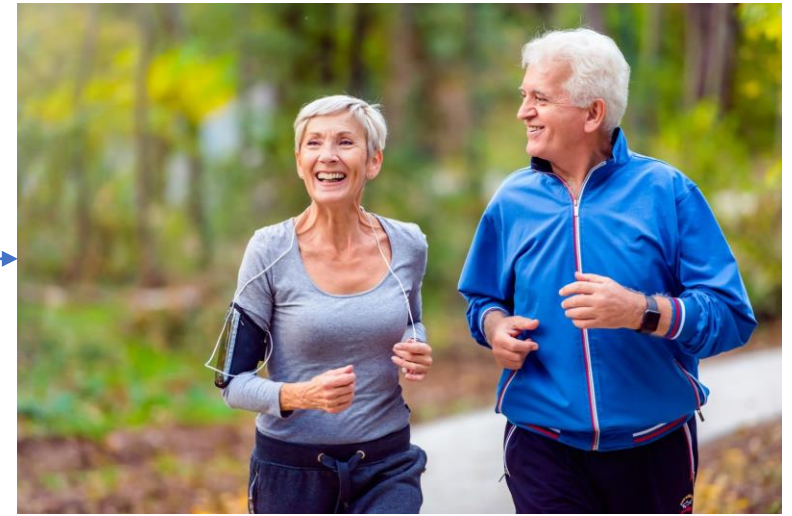
Functional neurosurgery

It is the branch of neurosurgery that involves the restoration and modulation of neurological functions and conditions

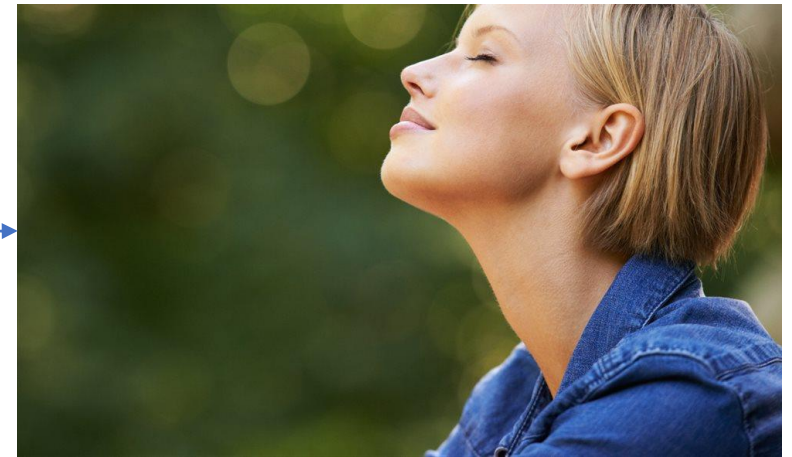




Parkinson's disease



Chronic pain





Obsessive compulsive disorder

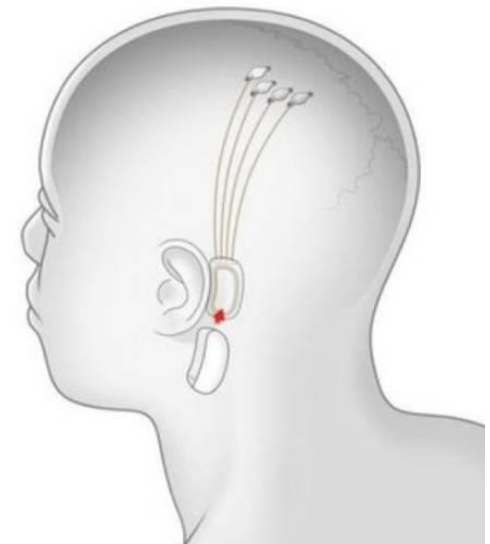


Epilepsy

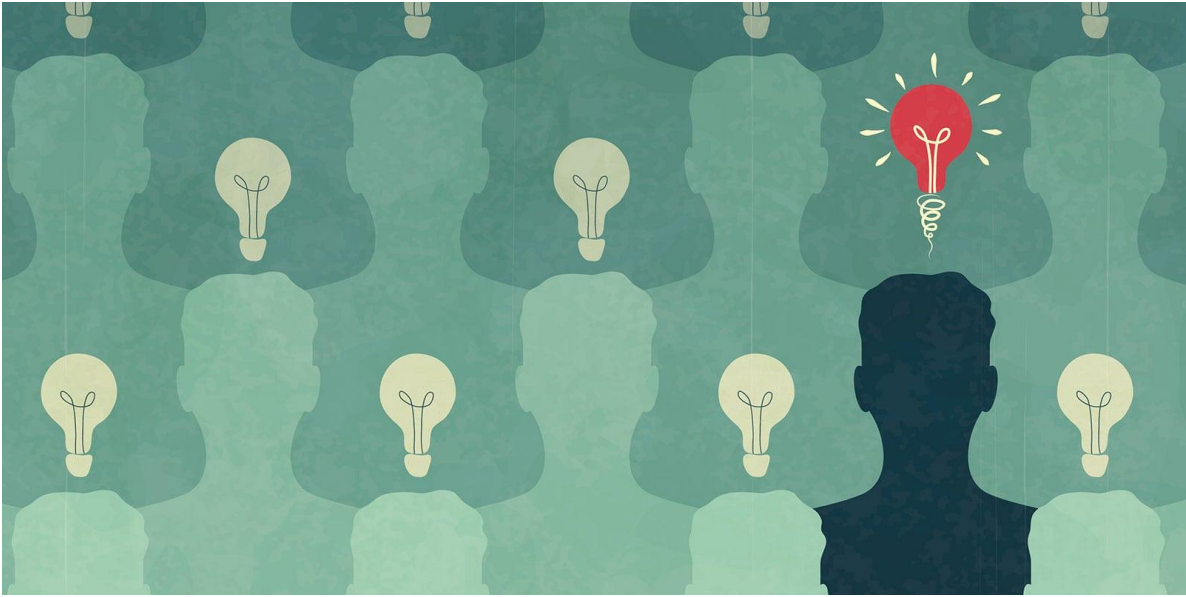


Clinical trials

- stroke
- chronic dysphagia
- muscular dystrophy
- muscular atrophy
- dementia
- Alzheimer's disease
- lower back pain
- epilepsy
- focal dystonia
- multiple sclerosis
- And growing



How can I help?



In a single person



In my community



The entire world

Contact details

Edgar Botello-Hernandez

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Instagram: edgarbotello3

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