



Fourth Annual Mission Trip

July 2014

Mission Trip to Mexico

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Thank you for your incredible support!

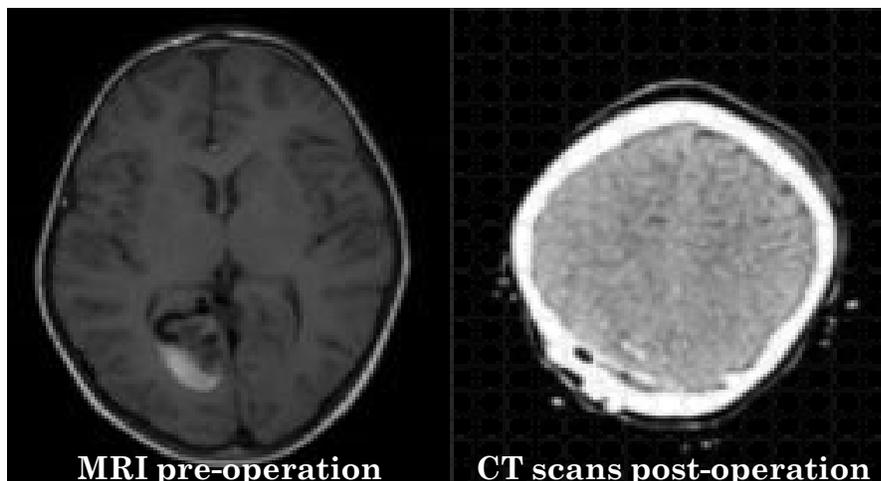
Thank you for supporting our fourth annual mission trip to Mexico. This past July, I traveled with Dr. George Jallo from Johns Hopkins Hospital and Dr. Michael Lawton from the University of San Francisco (UCSF), along with many other members of our clinical teams and family members, to a public hospital in Guadalajara, Mexico called "Hospital Civil de Guadalajara." During this mission, we performed five neurosurgeries and held several teaching seminars with other neurosurgeons. The purpose of these teaching seminars is to share knowledge and neurosurgery techniques by collaborating together, to give patients the best possible outcomes. The children in the pediatric wing also benefited from the arts and crafts that our teams organized to bring joy to them. In addition, desperately needed medical supplies and a monetary contribution were donated to the hospital. By supporting this mission, you have saved lives and there is no doubt in my mind that we would not have been able to carry out this mission without your generous support.

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We completed two advanced pediatric neurosurgeries.

One of the pediatric cases was on a 9-year-old child with a history of sudden headaches and loss of consciousness. Studies showed an arteriovenous malformation or AVM. An AVM occurs when there is an abnormal communication due to the tangle of blood vessels in the brain. These blood vessels can rupture and cause irreversible brain damage or death. The child is now successfully recovering with the company of his incredible mother always by his side. The surgery was a success and after four days, this resilient boy remains without neurological deficit.

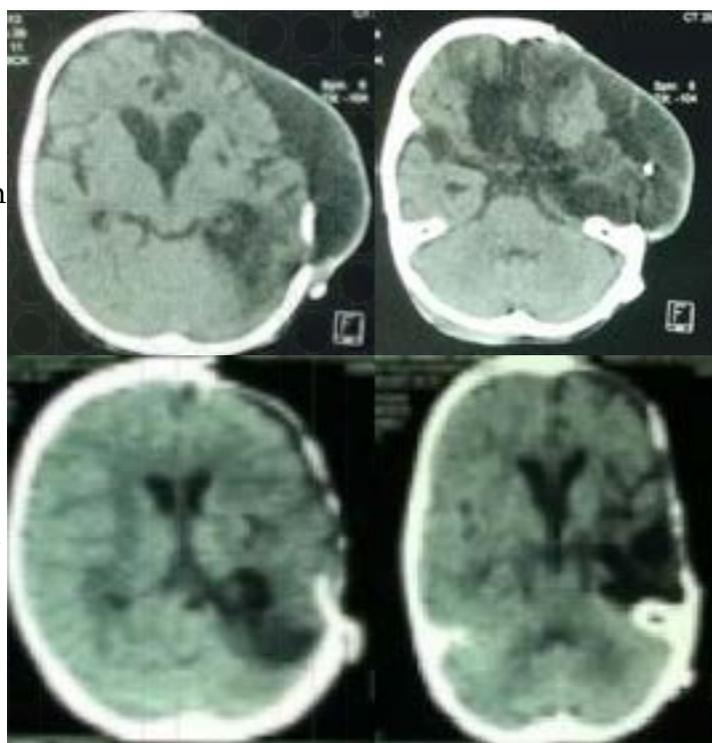


The second pediatric surgery was on a 2-year-old boy whose skull had been previously removed due to excessive swelling from an injury. A replacement skull was personally customized for this particular patient and brought all the way from the United States. This surgery was a success and once he is ready and fully recovered, the child is going to be put up for adoption. We hope that a family values the life of this being who became so dear to us.



3D segmentation of original CT data with bone fragments/hardware in red

Pre-operation MRI



Post-operation MRI

Both surgeries were a success and when we visited the patients they were already resting comfortably.



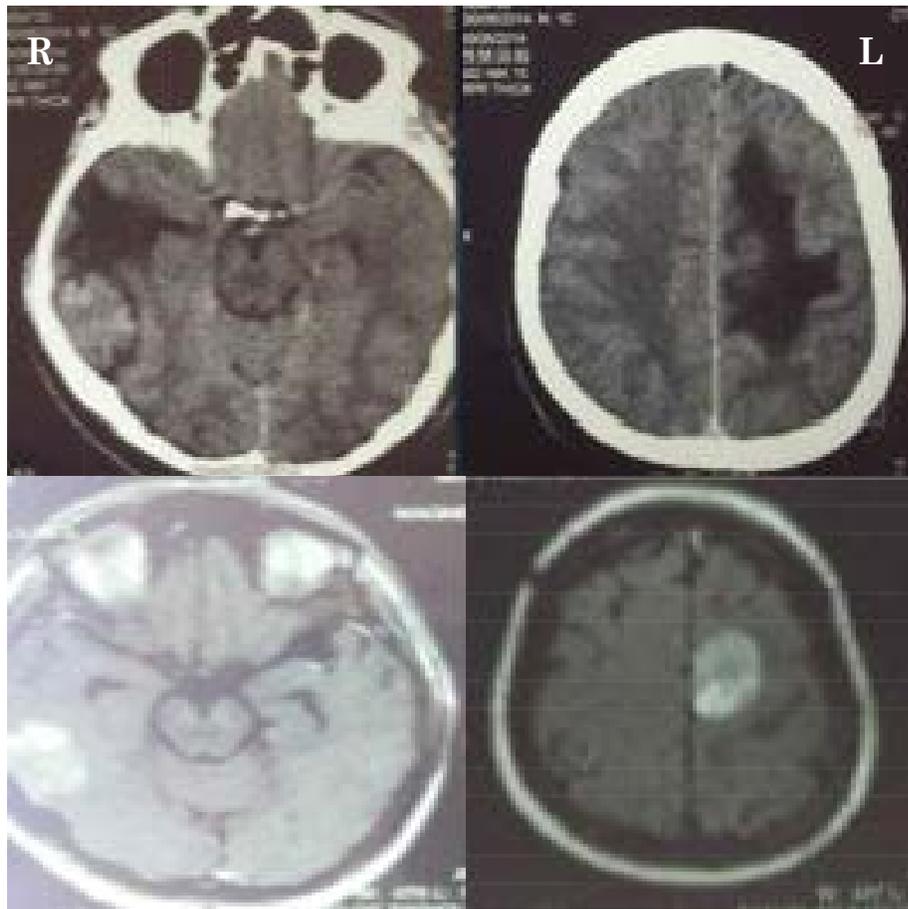
We performed
three complex
adult
neurosurgeries.

1. We operated on a 66-year-old patient from an AVM, which is caused due to the abnormal collection of blood vessels with weakened walls. An AVM can cause significant brain damage since the blood vessels can burst and cause bleeding in the brain. The surgery consisted of removing the AVM, which decreased the risk of bleeding.
2. The second case was of a 37-year-old patient with a pituitary tumor. This tumor damaged her full vision in one eye. Thus, surgery was needed in order to prevent more symptoms due to the lesion. An excellent resection was performed.



Pre-operation MRIs demonstrating area of lesion

- The third surgical case was of a 39-year-old patient with two metastatic brain tumors from lung cancer. Since the tumors were located in different sides of the head, there were two craniotomies performed. First, the patient was operated on one side to target one of the tumors. Then, the patient was repositioned to perform the other craniotomy. The procedure was very successful.



Pre-operation MRIs demonstrating the left and right side areas of lesions

Personal message from Dr. Quinones

Dear friends,

Your contribution and support has made a tremendous impact on global health. First of all, we were able to give hope and optimism to five patients that had brain surgery. A part of our mission consists of these operations.

However, for us it is also of great importance to build bridges of knowledge between Mexico and the United States. The purpose of these bridges is to share information in which the knowledge acquired will benefit both countries. I have been going to Mexico to do academic missions since 2006 with the purpose of building these bridges of knowledge. One of the amazing things about medicine is that there are no boundaries, which allow us to continue building bridges without limits.

This particular trip is very special to me, as we continue with the same purpose of strengthening these bridges and sharing knowledge with each other. Ever since 2006 and 2011 when we started to do these neurosurgical missions, I am always looking forward to these trips where I can give back to the community, especially those who are in desperate need and less fortunate.

We truly appreciate your generosity in helping us build bridges of knowledge and make connections in order to improve the lives of people throughout the world. Special thanks to the Royal China Round Table for their hard work and dedication to support this mission, and to all their friends and supporters who contributed to the wonderful fundraising event in London. Thank you very much from the bottom of our hearts. Personally, I feel very honored to work with you since your unconditional support is creating a better world. I am looking forward to working again in the future.

With the warmest wishes,
Dr. Alfredo Quinones-Hinojosa



Thank you for your support!

- † Johns Hopkins International
- † Royal China Round Table (RCRT): Edouard Bergis, Patrick Chautard, Christian Gartner, Alberto Garrone, Lorenzo Guidi, Fabio Osta, Ben Riordan and supporters
- † Stryker
- † Integra
- † Medwish
- † SHARE
- † Thieme
- † Elsevier
- † Christopher Bartlett
- † Grace Garrett
- † Diana Malacara and Jose Manuel Gómez



Donated Items

- † Medical Supplies
- † Toys and art supplies for the pediatric wing
- † Schmidek & Sweet: Operative Neurosurgical Techniques (20)
- † Controversies in Neuro-Oncology (20)
- † Monetary donation to Hospital Civil De Guadalajara

More information about our mission:

<http://www.informador.com.mx/jalisco/2014/538315/6/doctor-q-reconstruye-craneo-de-menor-victima-de-maltrato.htm>

<http://www.informador.com.mx/jalisco/2014/538318/6/la-medicina-tambien-sirve-para-crear-puentes-doctor-q.htm>

<http://www.informador.com.mx/jalisco/2014/538234/6/arrancan-jornadas-altruistas-de-neurocirugia-en-hospital-civil.htm>

<http://www.mural.com/aplicacioneslibre/preacceso/articulo/default.aspx?id=287568&urlredirect=http%3A>

www.mural.com/aplicacioneslibre/preacceso/articulo/default.aspx?id=287568

<http://www.1070noticias.com.mx/realizan-cirugias-de-alta-especialidad-en-los-hospitales-civiles/>



Special thank you Suzanne Lawton and Christopher Louie for sharing your photos.