

# Gabriel Gonzales Portillo

Dr. Gabriel Gonzales-Portillo is Board Certified in Neurological Surgery. He earned his Doctor of Medicine from San Marcos University in Lima, Peru and served an internship in General Surgery and a residency in Neurological Surgery at the University of Illinois at Chicago.

Dr. Gonzales-Portillo also served a Fellowship in Cerebrovascular Surgery/Skull Base Surgery at the University of Miami in Florida.

He was previously in practice for six years at the University of Arizona as an Assistant Professor and as Chief of Cerebrovascular/Skull Base Surgery Section.

He also served as the Chief of Neurological Surgery Section at the Southern Arizona Veteran's Administration Healthcare Center. His specific interests include: minimally invasive spine surgery, aneurysms, arteriovenous malformations, brain tumors, pituitary tumors, trigeminal neuralgia, stereotactic radiosurgery, spinal cord tumors, complex spine surgery, cervical disk herniations, lumbar disk herniations, carpal tunnel syndrome, and cubital tunnel syndrome.

Dr. Gonzales-Portillo is a member of multiple medical societies.

## Publications as first author

Gonzales-Portillo GS, Reyes S, Aguirre D, Pabon MM, Borlongan CV. Stem cell therapy for neonatal hypoxic-ischemic encephalopathy. *Front Neurol*. 2014 Aug 12;5:147. doi: 10.3389/fneur.2014.00147. eCollection 2014. Review. PubMed PMID: 25161645; PubMed Central PMCID: PMC4130306.

2: Gonzales-Portillo GS, Lozano D, Aguirre D, Reyes S, Borlongan CV, Tajiri N, Kaneko Y. An update on the use of melatonin as a stroke therapeutic. *Minerva Med*. 2015 Jun;106(3):169-75. Epub 2014 Jul 7. PubMed PMID: 25000217.

3: Gonzales-Portillo GS, Sanberg PR, Franzblau M, Gonzales-Portillo C, Diamandis T, Staples M, Sanberg CD, Borlongan CV. Mannitol-enhanced delivery of stem cells and their growth factors across the blood-brain barrier. *Cell Transplant*. 2014;23(4-5):531-9. doi: 10.3727/096368914x678337. Epub 2014 Jan 29. Review. PubMed PMID: 24480552; PubMed Central PMCID: PMC4083632.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

[https://neurosurgerywiki.com/wiki/doku.php?id=gabriel\\_gonzales\\_portillo](https://neurosurgerywiki.com/wiki/doku.php?id=gabriel_gonzales_portillo)

Last update: **2024/06/07 03:00**

