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## The integral role of neurosurgery in managing rare craniofacial anomalies

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Craniofacial anomalies are rare complex pathologies which need a craniofacial team composed of neurosurgeon, a craniofacial plastic surgeon and an ophthalmologist. Anomalies at craniofacial region are either due to developmental malformation of the brain (neural tube defects) or premature closure of cranial or skull base sutures resulting in skull deformities and problems in normal physiological neurological development. Each of pathologies needs special neurological surgery management, sometimes the management is multi-staged. Neurosurgical management varied from diagnosis, the surgical procedures and long-term follow up. Hence, we describe the pathology of craniofacial anomalies and its associated syndromes in addition to the proper investigation needed for diagnoses and predict possible short and long-term complication; also, what craniofacial anomalies care giver should be focusing on regarding neurological issues such as intra-cranial pressure early detection and treatment if high and optic nerve problems; and also dural repair, dealing with brain parenchyma and its vasculature and better cosmetic outcome according to craniofacial metrics.

### Biography

Hazem Ahmed Mostafa, MD., PhD, is an internationally recognized neurosurgeon with over two decades of clinical and research experience. He has devoted his career to developing and providing rigorous, comprehensive and compassionate care to those with cancer, neurological degenerative diseases and pediatric disorders. He is affectionately known as Dr Brain and Spine. Dr. Hazem Ahmed Mostafa MD., Ph. D, is a professor in the Department of Neurosurgery at Ain Shams University Cairo, Egypt since 2014, where he joined the faculty as an Assistant Lecturer of Neurosurgery in 1997. He is a Consultant of Neurosurgery at his own private clinics Neuro Clinic Cairo and Hurghada- RedSea, Egypt since 2001

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