



Dr Ari G Chacko

Mch(Neurosurgery), MBBS 30+ Years Experience

Dr Ari G Chacko is a top Neurosurgeon in Chennai at Apollo Proton Cancer Centre . Book appointment online with Dr Ari G Chacko at Ask Apollo.

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Overview

Dr Ari G Chacko is a distinguished Neurosurgery based at Apollo Proton Cancer Centre. With an impressive 30 years of experience in the medical field, he has dedicated his career to providing exceptional healthcare services to patients. He holds Mch(Neurosurgery), MBBS, showcasing his extensive training and commitment to medical excellence. He is proficient in multiple languages, ensuring effective communication with a diverse range of patients.

He is known for his patient-centric approach, emphasizing the importance of understanding each patient's unique needs and medical history. His expertise encompasses a wide range of conditions related to Neurosurgery, enabling him to deliver precise diagnoses and treatments. He ensures that patients receive care tailored to their individual health requirements.

In his practice, Dr Ari G Chacko goes beyond treatments by educating patients about their health conditions. This empowers individuals to take active roles in managing their health and making informed decisions. By fostering a supportive and understanding environment, he builds trust and ensures long-term health management strategies for patients.

Dedicated to staying updated with advancements in his field, Dr Ari G Chacko actively collaborates with other healthcare professionals to provide comprehensive care. His commitment to improving health

outcomes continues to leave a lasting impact on the lives of his patients, solidifying his reputation as a trusted name in Neurosurgery.

Experience

- Senior Consultant Neurosurgery – at one of the leading hospitals in Dhaka, Bangladesh (2022 to 2023)
- Professor : Department of Neurological sciences, at one of the leading hospitals in Vellore, Tamilnadu. (2003-2022)
- Associate Professor : Department of Neurological sciences, at one of the leading hospitals in Vellore, Tamilnadu. (1999-2003)
- Research Associate : Department of Neurological sciences, at one of the leading hospitals in Houston, Texas, USA (1997-1999)
- Lecturer : Department of Neurological sciences, at one of the leading hospitals in Vellore, Tamilnadu. (1994-1997)
- Senior House officer : Department of Neurological sciences, at one of the leading hospitals in Vellore, Tamilnadu. (1988-1989)
- Resident Medical Officer at one of the leading hospitals in Karnataka, India (1986-1988).

Awards

- Program director for a structured fellowship program in Vascular Interventional Radiology and trained many students successfully under this fellowship program since year 2016.
- Conducted the biennial international conference on stroke interventions - MASTER(Management of Acute Stroke Thrombolysis and Endovascular Interventions) series - MASTER 2016, MASTER 2019 in Hyderabad
- Best paper award for paper presented on POST TRANSPLANT HEPATIC ARTERY INSUFFICIENCY IMAGING AND INTERVENTION: A SERIES OF 6 CASES in Society of emergency Radiology, National conference-2018
- Best oral paper award for paper presented on “Endovascular management of very small intracranial aneurysms”- in ISVIR national conference - 2018
- 2nd Prize for Poster presented on “Oronasal approaches of CT guided biopsy for skull base lesions” in ISVIR national conference- 2018
- Best poster award for poster presented on “Interventional management of visceral artery dissection in SLE” in IRACON 2017

- 2nd Prize in FRS/ Quiz in ISNR 2009-
- Secured state 1st rank in state premedical entrance test -EAMCET in year 1999 (Given State Govts Prathibha Scholarship for the achievement).
- Secured all India 1st rank in postgraduate entrance examination for entry into prestigious PGIMER, Chandigarh in June 2006, scored all India 2nd rank in entrance exam for super speciality course in DM Neuroradiology and Interventional Radiology at PGIMER, Chandigarh in June 2009.
- Nandamuri Award (in year 1995) for passing 10th standard (SSC) at a young age of 11 yrs.

Research and Publication

- **Chacko AG**, Chandy MJ.
 - Incidental pituitary macroadenomas.
 - British Journal of Neurosurgery 6:233-236,1992
- **Chacko AG**,Chacko G, Chandy MJ.
 - Removal of sphenoidal aspergilloma enroute to sellar macroprolactinoma.
 - Neurology India 43:171-172, 1995
- **Chacko AG**, Rajshekhar V, Chacko G.
 - Testicular embryonal cell carcinoma metastasising to the site of a previously excised cerebellar haemangioblastoma.
 - British Journal of Neurosurgery 10(2):197-200, 1996
- **Chacko AG**, Babu KS, Chandy MJ.
 - Value of visual evoked potential monitoring during trans-sphenoidal pituitary surgery.
 - British Journal of Neurosurgery 10(3):275-8, 1996
- **Chacko AG**, Chandy MJ.
 - Staged computed tomography guided stereotactic aspiration of multiple bihemispheric brain abscesses.
 - Surgical Neurology 48(3):278-82, 1997.
- **Chacko AG**, Chandy MJ.
 - Complications of trans-sphenoidal pituitary surgery.
 - Neurology India 45, 224-230, 1997.
- Thomas N, Simon R, Chacko G, **Chacko AG**, Chandy MJ, Seshadri MS.
 - Regression of acromegaly following pituitary apoplexy.
 - Neurology India. 47(2):161-2, 1999
- **Chacko AG** , Chandy MJ.
 - Favorable outcome after radical excision of a Holocord astrocytoma.

- ClinNeurolNeurosurg. 102(4): 240-242, 2000.
- Valadka AB, Gopinath SP, Mizutani Y, **Chacko AG**, Robertson CS
- Similarities between civilian gunshot wounds to the head and nongunshot head injuries.
- J Trauma. 48:296-302, 2000.
- Sharma P, Sharma A, **Chacko AG**
- Syringomyelia in spontaneous intracranial hypotension.Case report.
- J Neurosurg 95:905-908, 2001
- Samson SK, Kulkarni V, **Chacko AG**
- An unusual presentation of calvarial tuberculosis
- Postgrad Med J. 78(917):184,188-189, 2002
- Chacko AG, Chandy MJ.
- The transsphenoidal line of vision on MRI for Pituitary Tumor Surgery
- Neurology India 50(2):136-140, 2002
- Hlatky R, Furuya Y, Valadka AB, Gonzalez J, Chacko A, Mizutani Y, Contant CF,
- Robertson CS: Dynamic autoregulatory response after severe head injury.
- J Neurosurg 97: 1054-61; 2002.
- Chacko AG, Chacko G, Seshadri MS, Chandy MJ
- Hemorrhagic necrosis of pituitary adenomas.
- Neurology India 50:490-493, 2002
- Joseph BV, Raghuram L, Korah IP, Chacko AG
- Magnetic Resonance VentriculographyForThe Study Of CSF Flow
- AJNR Am J Neuroradiol. 24(3):373-81, 2003.
- Abraham R, Shyamkumar NK, Chacko AG
- A minimally invasive approach to deep-seated brain lesions using balloon dilatation and ultrasound guidance.
- Minimally Invasive Neurosurg 46:138-141,2003.
- Chacko AG, NK Shyamkumar, Chacko G, Athyal R, Rajshekhar V.
- intraoperative ultrasound in determining the extent of resection of parenchymal tumours – a comparative study with computed tomography and histopathology
- ActaNeurochir (Wien). 145:743-8; 2003
- Chacko AG, Chacko G, Seshadri MS, Chandy MJ.
- The capsule of pituitary macroadenomas represents normal pituitary gland: a histopathological study.
- British Journal of Neurosurgery 17: 213-218, 2003.
- Shankar A, Chacko G, Chacko AG.

- Intratumoral abscess – an unusual complication of ventriculoperitoneal shunt infection.
- Childs Nerv Syst. 20:204-6; 2004.
- Kumar GSS, **Chacko AG**, Joseph M
- Superior sagittal sinus and torcula thrombosis in minor head injury
- Neurol India 52:123-4; 2004
- **Chacko AG**, Moorthy RK, Chandy MJ
- The transpedicular approach in the management of thoracic spine tuberculosis: a short-term follow up study.
- Spine 29:E363-7, 2004.
- Sujit Kumar GS, **Chacko G**, Chacko AG, Rajshekhar V
- Alveolar soft-part sarcoma presenting with multiple intracranial metastases.
- Neurol India. 52:257-8; 2004
- Shah KC, **Chacko AG**
- Extensive vertebral haemangioma with cord compression in two patients: review of the literature.
- British Journal of Neurosurgery 18:250-252;2004
- Kumar GS, **Chacko AG**, Rajshekhar V
- Unusual presentation of the “syndrome of the trephined”.
- Neurol India 52: 504-505; 2004
- Prabhu K, Babu KS, Samuel S, **Chacko AG**
- Rapid opening and closing of the hand as a measure of early neurologic recovery in the upper extremity after surgery for cervical spondylotic myelopathy.
- Arch Phys Med Rehabil 86: 105-108; 2005.
- Singh AD, **Chacko AG**, Chacko G, Rajshekhar V.
- Plasma cell tumors of the skull.
- Surg Neurol. 2005 Nov;64(5):434-8; discussion 438-9.
- Joseph V, **Chacko AG**.
- Suprabrowminicraniotomy for suprasellartumours.
- Br J Neurosurg. 2005 Feb;19(1):33-7.
- Shah KC, Chacko G, John S, **Chacko AG**.
- Spinal intramedullary metastasis from intracranial germinoma.
- Neurol India. 2005 Sep;53(3):374-5.
- Chacko G, **Chacko AG**, Rajshekhar V, Muliyl JP.
- Intracranial hemangiopericytomas: correlation of topoisomerase IIalpha expression with biologic behavior.

- Surg Neurol. 2006 Jan;65(1):11-7.
- Kumar GS, Poonnoose SI, **Chacko AG**, Rajshekhar V.
- Trigonal cavernous angiomas: report of three cases and review of literature.
- Surg Neurol. 2006 Apr;65(4):367-71, discussion 371.
- Surendrababu NR, Chacko G, Daniel RT, **Chacko AG**.
- Solitary fibrous tumor of the lateral ventricle: CT appearances and pathologic correlation with follow-up.
- AJNR Am J Neuroradiol. 2006 Nov-Dec;27(10):2135-6.
- Bahuleyan B, Raghuram L, Rajshekhar V, **Chacko AG**.
- To assess the ability of MRI to predict consistency of pituitary macroadenomas.
- Br J Neurosurg. 2006 Oct;20(5):324-6.
- Chacko G, **Chacko AG**, Dunham CP, Judkins AR, Biegel JA, Perry A.
- Atypical teratoid/rhabdoid tumor arising in the setting of a pleomorphic xanthoastrocytoma.
- J Neurooncol. 2007 Sep;84(2):217-22. Epub 2007 Apr 13.
- **Chacko AG**, Daniel RT, Chacko G, Babu KS.
- Pial and arachnoid welding for restoration of normal cord anatomy after excision of intramedullary spinal cord tumors.
- J ClinNeurosci. 2007 Aug;14(8):764-9. Epub 2007 May 25.
- Venkatesan T, Thomas N, Ponniah M, Khan D, **Chacko AG**, Rajshekhar V.
- Oral triiodothyronine in the perioperative management of central hypothyroidism.
- Singapore Med J. 2007 Jun;48(6):555-8.
- Bahuleyan B, Rao A, **Chacko AG**, Daniel RT.
- Supracerebellar arachnoid cyst – A rare cause of acquired Chiari I malformation.
- J ClinNeurosci. 2007 Sep;14(9):895-8. Epub 2007 Jun 27.
- **Chacko AG**, Daniel RT.
- Multilevel cervical oblique corpectomy in the treatment of ossified posterior longitudinal ligament in the presence of ossified anterior longitudinal ligament.
- Spine. 2007 Sep 15;32(20):E575-80.
- Bhaskar IP, **Chacko AG**, Daniel RT.
- Brainstem compression from a trigeminal schwannoma presenting with pathological crying.
- J ClinNeurosci. 2008 Mar;15(3):322-4. Epub 2008 Jan 11.
- Kumar GS, Raj PM, Chacko G, Lalitha MK, **Chacko AG**, Rajshekhar V.
- Cranial melioidosis presenting as a mass lesion or osteomyelitis.
- J Neurosurg. 2008 Feb;108(2):243-7. Review.

- Bahuleyan B, Daniel RT, Chacko G, **Chacko AG**.
 - Epidermoid cysts of the velum interpositum.
 - J ClinNeurosci. 2008 Oct;15(10):1159-61. Epub 2008 Aug 16.
- George R, Jeba J, Ramkumar G, **Chacko AG**, Leng M, Tharyan P.
 - Interventions for the treatment of metastatic extradural spinal cord compression in adults.
 - Cochrane Database Syst Rev. 2008 Oct 8;(4):CD006716
- Prabhu K, Daniel RT, Chacko G, **Chacko AG**.
 - Optic nerve haemangioblastoma mimicking a planumspenoidale meningioma
 - Br J Neurosurg. 2009 Aug 19:1-3
- Prabhu K, Daniel RT, Mani S, **Chacko AG**.
 - Dermoid tumor with diastematobulbia.
 - Surg Neurol. 2009 Dec; 72(6):717-21.
- Sujit Kumar GS, Chacko G, **Chacko AG**, Haran RP.
 - Multiple extracranial metastases from intradiploic meningioma.
 - Neurol India. 2009 Jan-Feb;57(1):96-7.
- Chacko G, **Chacko AG**, Lombardero M, Mani S, Seshadri MS, Kovacs K, Scheithauer BW.
 - Clinicopathologic correlates of giant pituitary adenomas.
 - J ClinNeurosci. 2009 May;16(5):660-5. Epub 2009 Mar 12.
- Chacko G, **Chacko AG**, Kovacs K, Scheithauer BW, Mani, S, Muliyl JP, Seshadri MS.
 - The clinical significance of MIB-1 labeling index in pituitary adenomas
 - Pituitary 2010 Dec, 13 (4): 337-44
- Moses V, Daniel RT, **Chacko AG**
 - The value of intraoperative ultrasound in oblique corpectomy for cervical longitudinal ligament.
 - Br. J Neurosurg 2010 Oct, 24 (5): 518-25
- Prabhu K, Kumbhar KR, **Chacko AG**.
 - Middle fossa extradural repair of sphenoidalencephaloceles.
 - Br. J Neurosurg.2011: Feb;25(1):124-6.
- Prabhu K, Kurien M, **Chacko AG**.
 - Endoscopic transsphenoidal approach to petrous apex cholesterol granulomas.
 - Br. J Neurosurg. 2010 Dec; 24 (6): 688-91
- Prabhu K; Ramani, Nair S, **Chacko AG**.

- Acute submandibular sialadenitis as a cause of unilateral neck swelling after posterior fossa surgery in sitting position.
- Neurol India 2010 Nov-Dec, 58 (6): 963-4
- Natarajan MS, Prabhu K, Braganza A, **Chacko AG**.
- Posttraumatic subgaleal and orbital hematoma due to factor XIII deficiency.
- J NeurosurgPediatr.2011 Feb;7(2):213-7.
- Natarajan MS, Prabhu K, Chacko G, Rajaratnam S, **Chacko AG**.
- Endoscopic transsphenoidal excision of a GH-PRL-secreting pituitary macroadenoma in a patient with McCune-Albright syndrome.
- Br J Neurosurg. 2012 Feb;26(1):104-6
- Asirvatham JR, Deepti AN, Chyne R, Prasad MS, **Chacko AG**, Rajshekhar V, Chacko G.
- Pediatric tumors of the central nervous system: a retrospective study of 1,043 cases from a tertiary care center in South India.
- Childs Nerv Syst. 2011 Aug;27(8):1257-63. Epub 2011 Feb 23.
- Moorthy RK, Sam GA, Kumar SV, Chacko G, Mathews V, Chacko AG, Srivastava A, Rajshekhar V.
- Intralesionalmesenchymal stromal cell transplant in a rodent model of cortical cryoinjury.
- Neurol India. 2011 Jul-Aug;59(4):573-8.
- Turel MK, **Chacko AG**
- Delayed resolution of extensive T2-weighted intramedullary signal changes after oblique corpectomy for cervical spondylotic myelopathy.
- Br J Neurosurg. 2011 Dec;25(6):772-4. Epub 2011 Jun 27.
- Korula PJ, Thomas SG, Sen N, **Chacko AG**.
- Transient cortical blindness following a Hangman's fracture: a case report and review of literature
- Br J Neurosurg. 2012 Apr;26(2):272-4.
- Turel MK, Asha HS, Rajaratnam S, Chacko G, **Chacko AG**.
- Thyroid stimulating hormone microadenoma as a rare cause of thyrotoxicosis amenable to surgical cure.
- J ClinNeurosci.2011 Dec 5. [Epub ahead of print]
- **Chacko AG**, Joseph M, Turel MK, Prabhu K, Daniel RT, Jacob KS
- Multilevel oblique corpectomy for cervical spondylotic myelopathy preserves segmental motion.
- Eur Spine J. 2012 Jan 11.
- Mammen S, Keshava SN, Danda S, Raju R, **Chacko AG**.
- Endovascular management of carotid-cavernous fistula in Ehlers-Danlos syndrome Type IV.
- Neurol India. 2012 Jan-Feb;60(1):119-21.

- Thomas SG, **Chacko AG**, Thomas MM, Babu KS, Russell PS, Daniel RT.
 - Outcomes of disconnective surgery in intractable pediatric hemispheric and subhemispheric epilepsy.
 - Int J Pediatr. 2012;2012:527891. Epub 2012: Feb 9.
- **Chacko AG**, Thomas SG, Babu KS, Daniel RT, Chacko G, Prabhu K, Cherian V, Korula G.
 - Awake craniotomy and electrophysiological mapping for eloquent area tumours.
 - ClinNeurolNeurosurg. 2013 Mar;115(3):329-34.
- Nehru GA, Pai R, Samuel P, **CChacko AG**, Chacko G.
 - Status of O⁶-methylguanine-DNA methyltransferase [MGMT] gene promoter methylation among patients with glioblastomas from India.
 - Neurol India. 2012 Sep-Oct;60(5):481-6.
- Pratheesh R, Rajaratnam S, Prabhu K, Mani SE, Chacko G, **CChacko AG**.
 - The current role of transcranial surgery in the management of pituitary adenomas.
 - Pituitary.2012 Oct 18. [Epub ahead of print]
- Pratheesh R, Swallow DM, Rajaratnam S, Jacob KS, Chacko G, Joseph M, **Chacko AG**.
 - Incidence, predictors and early post-operative course of diabetes insipidus in paediatriccraniopharygioma: a comparison with adults.
 - Childs Nerv Syst. 2013 Feb 6.
- Aaron S, Alexander M, Moorthy RK, Mani S, Mathew V, Patil AK, Sivadasan A, Nair S, Joseph M, Thomas M, Prabhu K, Joseph BV, Rajshekhar V, **Chacko AG**.
 - Decompressivecraniectomy in cerebral venous thrombosis: a single centre experience.
 - J NeurolNeurosurg Psychiatry.2013 Apr 16.
- Turel MK, Sarkar S, Prabhu K, Daniel RT, Jacob KS, **Chacko AG**.
 - Reduction in range of cervical motion on serial long-term follow-up in patients undergoing oblique corpectomy for cervical spondylotic myelopathy.
 - Eur Spine J. 2013 Mar 1. [Epub ahead of print]
- Asirvatham JR, Pai R, Chacko G, Nehru AG, John J, **Chacko AG**, Muliylil J.
 - Molecular characteristics of meningiomas in a cohort of Indian patients: loss of heterozygosity analysis of chromosomes 22, 17, 14, and 10.
 - Neurol India. 2013 Mar-Apr;61(2):138-43.
- Turel MK, Chacko G, **Chacko AG**.
 - [Interhemisphericneurenteric cyst.](#)
 - Neurol India. 2013 Sep-Oct;61(5):563-5.
- Sarkar S, Rajaratnam S, Backianathan S, Chacko G, **Chacko AG**.

- Radiation-induced opticochiasmaticglioblastomamultiforme following conventional radiotherapy for Cushing's disease.
- Br J Neurosurg. 2014 Aug;28(4):510-2.
- Ahmed M, Keshava SN, Mammen S, **Chacko AG**, Prabhu K.
- An unusual case of reversible cerebral vasoconstriction syndrome presenting with a large intraparenchymalhaematoma.
- Neurol India. 2013 Sep-Oct;61(5):535-7.
- **Chacko AG**, Turel MK, Sarkar S, Prabhu K, Daniel RT.
- [Clinical and radiological outcomes in 153 patients undergoing oblique corpectomy for cervical spondylotic myelopathy.](#)
- Br J Neurosurg.2013 Jul 16. [Epub ahead of print]
- **Chacko AG**, Joseph M, Turel MK, Prabhu K, Daniel RT, Jacob KS.
- Answer to the letter to the editor of J.M. Duart Clemente et al. concerning "multilevel oblique corpectomy for cervical spondylotic myelopathy preserves segmental motion" by AG Chacko, M Joseph, MK Turel, K Prabhu, RT Daniel, KS Jacob (2012) Eur Spine J. 2012;21(7):1360-1367.
- Eur Spine J. 2013 Sep;22(9):2122
- Messerer M, Dubourg J, Raverot G, Bervini D, Berhouma M, George I, **Chacko AG**, Perrin G, Levivier M, Daniel RT, Trouillas J, Jouanneau E.
- [Non-functioning pituitary macro-incidentalomas benefit from early surgery before becoming symptomatic.](#)
- ClinNeurolNeurosurg. 2013 Dec;115(12):2514-20.
- Singh VY, Chacko G, **Chacko AG**, Rajshekhar V.
- [Fluorescence in-situ hybridization for 1p, 19q status in a cohort of glial neoplasms.](#)
- Neurol India. 2014 Jan-Feb;62(1):32-6.
- **Chacko AG**, Natarajan MS, Prabhu K, Chacko G.
- [Schwannoma of supraorbital nerve presenting as a subfrontal tumor.](#)
- Neurol India. 2014 Jan-Feb;62(1):96-8.
- Nair BR, Prabhu K, Chacko G, **Chacko AG**.
- [Calcified cavernous malformation of the lower cranial nerves.](#)
- Neurol India. 2014 Jan-Feb;62(1):104-5.
- Sarkar S, Jacob KS, Pratheesh R, **Chacko AG**.
- [Transsphenoidal surgery for acromegaly: predicting remission with early postoperative growth hormone assays.](#)
- ActaNeurochir (Wien). 2014 Jul;156(7):1379-87; discussion 1387.

- Turel MK, Babu KS, Singh G, **Chacko AG**.
- [The utility of facial nerve amplitude and latency ratios in predicting postoperative facial nerve function after vestibular schwannoma surgery.](#)
- Neurol India. 2014 Mar-Apr;62(2):178-82.
- Sarkar S, Turel MK, Jacob KS, **Chacko AG**.
- [The evolution of T2-weighted intramedullary signal changes following ventral decompressive surgery for cervical spondylotic myelopathy.](#)
- J Neurosurg Spine.2014 Jul 11:1-9.
- Nayak R, Shetty S, Kapoor N, **Chacko AG**, Paul TV
- Visual vignette.
- EndocrPract. 2014 Nov;20(11):1237
- Sarkar S, Rajaratnam S, Chacko G, Chacko AG
- Endocrinological outcomes following endoscopic and microscopic transsphenoidal surgery in 113 patients with acromegaly.
- ClinNeurolNeurosurg. 2014 Nov;126:190-5
- Thomas T HM, Devadhas D, Heck DK, **Chacko AG**, Rebekah G, Oommen R, Samuel EJ.
- Adaptive threshold segmentation of pituitary adenomas from FDG PET images for radiosurgery.
- J ApplClin Med Phys. 2014 Nov 8;15(6):4952
- Sarkar S, **Chacko AG**, Chacko G
- An analysis of granulation patterns, MIB-1 proliferation indices and p53 expression in 101 patients with acromegaly.
- Acta Neurochir (Wien). 2014 Dec;156(12):2221-30; discussion 2230.
- Patel B, Chacko G, Nair S, Anandan J, **Chacko AG**, Rajshekhar V, Turel M
- Clinicopathological correlates of primary central nervous system lymphoma: Experience from a tertiary care center in South India.
- Neurol India. 2015 Jan-Feb;63(1):77-82
- Turel MK, **Chacko AG**
- Postoperative arachnoid cyst causing visual deterioration following transsphenoidal excision of a pituitary adenoma.
- Neurol India. 2015 Mar-Apr;63(2):274-6.
- Sarkar S, **Chacko AG**, Chacko G.
- Clinicopathological correlates of extrasellar growth patterns in pituitary adenomas.
- J ClinNeurosci. 2015 Jul;22(7):1173-7.
- George R, Jeba J, Ramkumar G, **Chacko AG**, Tharyan P.

- Interventions for the treatment of metastatic extradural spinal cord compression in adults.
- Cochrane Database Syst Rev. 2015 Sep 4;9:CD006716.
- Pratheesh R, Swallow DM, Joseph M, Natesan D, Rajaratnam S, Jacob KS, **Chacko AG**.
- Evaluation of a protocol-based treatment strategy for postoperative diabetes insipidus in craniopharyngioma.
- Neurol India. 2015 Sep-Oct;63(5):712-7.
- Abraham AP, Srinivas SB, Murthy M, Babu KS, **Chacko AG**.
- Surface electromyography activity in the upper limbs of patients following surgery for compressive cervical myelopathy.
- Neurol India. 2015 Nov-Dec;63(6):903-10.
- Sarkar S, Rajaratnam S, Chacko G, Mani S, Hesargatta AS, **Chacko AG**.
- Pure endoscopic transsphenoidal surgery for functional pituitary adenomas: outcomes with Cushing's disease.
- ActaNeurochir (Wien). 2016 Jan;158(1):77-86.
- Sivaraju L, Mani S, Prabhu K, Daniel RT, **Chacko AG**
- Three-dimensional computed tomography angiographic study of the vertebral artery in patients with congenital craniovertebral junction anomalies.
- Eur Spine J. 2017 Apr;26(4):1028-1038.
- Turel MK, D'Souza WP, **Chacko AG**, Rajshekhar V.
- Giant vestibular schwannomas: Surgical nuances influencing outcome in 179 patients.
- Neurol India. 2016 May-Jun;64(3):478-84.
- Velayutham P, Rajshekhar V, **Chacko AG**, KrothapalliBabu S.
- Influence of Tumor Location and Other Variables on Predictive Value of Intraoperative myogenic Motor-Evoked Potentials in Spinal Flex Tumor Surgery.
- World Neurosurg. 2016 Aug;92:264-72.
- Thomas R, **Chacko AG**
- Principles in Skull Base Reconstruction following Expanded Endoscopic Approaches.
- J NeurolSurg B Skull Base. 2016 Aug;77(4):358-63.
- Gupta N, Chacko G, **Chacko AG**, Rajshekhar V, Jayprakash M
- Fluorescence in situ hybridization for chromosome 14q deletion in subsets of meningioma segregated by MIB-1 labelling index.
- Neurol India. 2016 Nov-Dec;64(6):1256-1263.
- Thomas R, Girishan S, **Chacko AG**.

- Endoscopic Transmaxillary Transposition of Temporalis Flap for Recurrent Cerebrospinal Fluid Leak Closure.
- J NeurolSurg B Skull Base. 2016 Dec;77(6):445-448.
- Gandham EJ, Sundaresan R, Thomas R, **Chacko AG**.
- A novel nasoseptal flap harvesting technique in revision expanded endoscopic transsphenoidal approaches.
- Neurol India. 2017 Jan-Feb;65(1):129-133.
- Sarkar S, Philip VJ, Cherukuri SK, **Chacko AG**, Chacko G.
- Implications of the World Health Organization definition of atypia on surgically treated functional and non-functional pituitary adenomas.
- ActaNeurochir (Wien). 2017 Nov;159(11):2179-2186.
- Paul AP, Vedantam A, Korula G, **Chacko AG**
- A comparison of the recovery profiles of desflurane and isoflurane anesthesia in patients undergoing elective supratentorial craniotomy: A randomized controlled trial.
- Neurol India. 2017 Sep-Oct;65(5):1053-1058.
- Abraham AP, Gandham EJ, Prabhu K, **Chacko AG**.
- Subgaleoatrial shunt: Further progress in the management of iatrogenic cranial pseudomeningoceles.
- Neurol India. 2017 Sep-Oct;65(5):1178-1180.
- Subramanian D, Pralong E, Daniel RT, Chacko AG, Stoop R, Babu KS.
- Gamma oscillatory activity in vitro: a model system to assess pathophysiological mechanisms of comorbidity between autism and epilepsy.
- Transl Psychiatry. 2018 Jan 10;8(1):16.
- Jonathan GE, Sarkar S, Singh G, Mani S, Thomas R, **Chacko AG**.
- A randomized controlled trial to determine the role of intraoperative lumbar cerebrospinal fluid drainage in patients undergoing endoscopic transsphenoidal surgery for pituitary adenomas.
- Neurol India. 2018 Jan-Feb;66(1):133-138..
- Abraham AP, Gandham EJ, Prabhu K, **Chacko AG**.
- Authors' Reply: In defence of subgaleoatrial shunt!
- Neurol India. 2018 Jan-Feb;66(1):286-287.
- Turel MK, **Chacko AG**.
- Endoscopic partial cervical corpectomy – Opening a new door to create a wider window.
- Neurol India. 2018 Mar-Apr;66(2):452-453
- Geevar T, Pai R, Chacko G, Malepathi K, Patel B, John J, **Chacko AG**, Balakrishnan R, John S.

- Molecular profile of tumors with oligodendroglial morphology: Clinical relevance., Neurol India. 2018 Nov-Dec;66(6):1726-1731
- Tobin G, **Chacko AG**, Simon R.
- Evaluation of NT-ProBNP as a marker of the volume status of neurosurgical patients developing hyponatremia and natriuresis: A pilot study.
- Neurol India. 2018 Sep-Oct;66(5):1383-1388.
- Abraham AP, Thomas MM, Mathew V, Muthusamy K, Yoganathan S, Jonathan GE, Prabhu K, Daniel RT, **Chacko AG**.
- EEG lateralization and seizure outcome following peri-insular hemispherotomy for pediatric hemispheric epilepsy.
- Childs Nerv Syst. 2019 Jul;35(7):1189-1195.
- Abraham AP, Sarkar S, Mannam P, Chacko G, **Chacko AG**. [A rare case of a giant tentorial bicompartamental cystic schwannoma unrelated to the cranial nerves.](#)
- Neurol India. 2019 May-Jun;67(3):932-933.
- Chacko SR, **Chacko AG**. [Antiprogesterone therapy in recurrent meningiomas: A disappointing end to four decades of research?](#)
- Neurol India. 2019 May-Jun;67(3):706-707.
- Konay AS, Williams A, **Chacko AG**, Singh G.
- [A Prospective Randomized Trial Comparing Topical Intranasal Lidocaine and Levobupivacaine in Patients Undergoing Endoscopic BinostrilTransnasal Transsphenoidal Resection of Pituitary Tumors.](#)
- J NeurosurgAnesthesiol. 2019 Jun 27.
- Vupputuri H, Gandham EJ, Mani SA, Raju KP, Aaron S, **Chacko AG**.
- Dynamic imaging of the craniovertebral junction is mandatory in patients with posterior circulation strokes.
- Eur Spine J. 2020 Feb 19.
- Valmiki RR, Venkatesalu S, **Chacko AG**, Prabhu K, Thomas MM, Mathew V, Yoganathan S, Muthusamy K, Chacko G, Vanjare HA, Krothapalli SB.
- Phosphoproteomic analysis reveals Akt isoform-specific regulation of cytoskeleton proteins in human temporal lobe epilepsy with hippocampal sclerosis.
- Neurochem Int. 2020 Mar;134.
- Cossu G, Jouanneau E, Cavallo LM, Elbabaa SK, Giammattei L, Starnoni D, Barges-Coll J, Cappabianca P, Benes V, Baskaya MK, Bruneau M, Meling T, Schaller K, **Chacko AG**, Youssef AS, Mazzatenta D, Ammirati M, Dufour H, Laws E, Berhouma M, Daniel RT, Messerer M.

- Surgical management of craniopharyngiomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section.
- Acta Neurochir (Wien). 2020 May;162(5):1159-1177
- Abraham AP, Bindra MS, **Chacko AG**.
- Secondary Bacterial Infection of a Solitary Cysticercus Granuloma.
- Neurol India. 2020 May-Jun;68(3):684-687. doi: 10.4103/0028-3886.288991.
- Sarkar S, **Chacko AG**.
- Surgery for Acromegaly.
- Neurol India. 2020 May-Jun;68(Supplement):S44-S51.
- 1 Sathyakumar K, Mani S, Pathak GH, Prabhu K, **Chacko AG**.
- Neuroimaging of pediatric infratentorial tumors and the value of diffusion-weighted imaging (DWI) in determining tumor grade.
- Acta Radiol. 2020 Jun 15:284185120933219. doi: 10.1177/0284185120933219.
- Starnoni D, Giammattei L, Cossu G, Link MJ, Roche PH, **Chacko AG**, Ohata K, Samii M, Suri A, Bruneau M, Cornelius JF, Cavallo L, Meling TR, Froelich S, Tatagiba M, Sufianov A, Paraskevopoulos D, Zazpe I, Berhouma M, Jouanneau E, Verheul JB, Tuleasca C, George M, Levivier M, Messerer M, Daniel RT.
- Surgical management for large vestibular schwannomas: a systematic review, meta-analysis, and consensus statement on behalf of the EANS skull base section.
- Acta Neurochir (Wien). 2020 Jul 29. doi: 10.1007/s00701-020-04491-7.
- Chacko SR, Abraham AP, Asha HS, Kapoor N, Rajaratnam S, **Chacko AG**
- Selective perioperative steroid supplementation protocol in patients undergoing endoscopic transsphenoidal surgery for pituitary adenomas.
- Acta Neurochir (Wien). 2020 Oct;162(10):2381-2388. doi: 10.1007/s00701-020-04530-3.
- Benjamin RN, Thomas M, Muthusamy K, Yoganathan S, Mathew V, **Chacko AG**, Prabhu K, Chacko G
- Age-Dependent Reduction in Severity and Discrete Topographical Patterns in Rasmussen Encephalitis: A Link to Cortical Maturation?
- Pediatr Neurol. 2020 Nov;112:25-33. doi: 10.1016/j.pediatrneurol.2020.07.016.
- Sarkar S, Chacko SR, Korula S, Simon A, Mathai S, Chacko G, **Chacko AG**.
- [Long-term outcomes following maximal safe resection in a contemporary series of childhood craniopharyngiomas.](#)
- Acta Neurochir (Wien). 2020 Oct 19. doi: 10.1007/s00701-020-04591-4
- Pramila PJ, Mannam P, **Chacko AG**, Benjamin RN.
- [Progressive midbrain clefts after head trauma and decompressive surgery: a report of two patients.](#)

- Pediatr Neurol. 2020 Nov;112:25-33.doi: 10.1016/j.pediatrneurol.2020.07.016. Epub 2020 Aug 11.
- Goyal-Honavar A, Chacko G, **Chacko AG**.
- Supratentorial primary paraganglioma with good long-term outcome following radical excision.
- Br J Neurosurg. 2021 Mar 23;1-4. doi: 10.1080/02688697.2021.1902476.
- AbarnaR , Nancy R , **Chacko AG** , Chacko G , Pai R
- Diagnostic utility of droplet digital PCR to detect TERT promoter mutations among glioblastoma samples using 7-deaza-dGTP
- J Clin Pathol 2021 Mar 25;jclinpath-2021-207402. doi: 10.1136/jclinpath-2021-207402.
- Shyamasunder AH, Pai R, Ramamoorthy H, Sakhti D, Manipadam MT, Kapoor N, Paul TV, Jebasingh F, Thomas N, Abraham DT, Paul MJ, **Chacko AG**, Prabhu K, Rajaratnam S.
- Clinical Profile and Mutations Associated with Multiple Endocrine Neoplasia-Type1 (MEN1) and Their First-Degree Relatives at Risk of Developing MEN1: A Prospective Study.
- HormMetab Res. 2021 Apr;53(4):245-256. doi: 10.1055/a-1402-0183.
- Salunke P, Sahoo SK, **Chacko AG**, Baishya BK, Tripathi M, Chhabra R, Karthigeyan M, Aggarwal A, Singh A, Gupta SK.
- [Feasibility of Conducting a Virtual Exit Exam in Neurosurgery During the SARS-COV19 Pandemic.](#)
- Neurol India. 2021 May-Jun;69(3):698-702.
- Gupta A, Goyal-Honavar A, Jonathan GE, Prabhu K, Varghese GM, Rupali P, **Chacko AG**.
- [Adapting management strategies for sellar-suprasellar lesions during the COVID-19 pandemic: a pragmatic approach from the frontline.](#)
- Br J Neurosurg . 2021 Jun 21:1-8. doi: 10.1080/02688697.2021.1940852. Online ahead of print.PMID: 34148450
- Goyal-Honavar A, Gupta A, Chacko G, **Chacko AG**.
- [Trigeminal hybrid nerve sheath tumor – a case report and literature review.](#)
- Br J Neurosurg. 2021 Jun 20:1-4. doi: 10.1080/02688697.2020.1867061. Online ahead of print.PMID: 34151661
- Goyal-Honavar A, Sarkar S, Asha HS, Kapoor N, Thomas R, Balakrishnan R, Chacko G, **Chacko AG**.
- [Impact of Experience on Outcomes After Endoscopic Transsphenoidal Surgery for Acromegaly.](#)
- World Neurosurg. 2021 Jul;151:e1007-e1015. doi: 10.1016/j.wneu.2021.05.030. Epub 2021 May 21.PMID: 34023462
- Starnoni D, Tuleasca C, Giammattei L, Cossu G, Bruneau M, Berhouma M, Cornelius JF, Cavallo L, Froelich S, Jouanneau E, Meling TR, Paraskevopoulos D, Schroeder H, Tatagiba M, Zazpe I, Sufianov A, Sughrue ME, **Chacko AG**, Benes V, González-Lopez P, Roche PH, Levivier M, Messerer M, Daniel RT.

- [Surgical management of anterior clinoidal meningiomas: consensus statement on behalf of the EANS skull base section.](#)
- Acta Neurochir (Wien). 2021 Aug 16. doi: 10.1007/s00701-021-04964-3. Online ahead of print.PMID: 34398339
- Goyal-Honavar A, Sarkar S, Asha HS, Kapoor N, Balakrishnan R, Vanjare H, Chacko G, **Chacko AG**.
- [A clinoradiological analysis of silent corticotroph adenomas after the introduction of pituitary-specific transcription factors.](#)
- Acta Neurochir (Wien). 2021 Nov;163(11):3143-3154. doi: 10.1007/s00701-021-04911-2. Epub 2021 Jun 28.PMID: 34181087
- Goyal-Honavar A, Sarkar S, Chacko G, Balakrishnan R, Asha HS, **Chacko AG**.
- [Growth hormone storm following infarction of a residual growth hormone secreting pituitary macroadenoma.](#)
- Br J Neurosurg. 2021 Oct 7:1-4. doi: 10.1080/02688697.2021.1988055. Online ahead of print.PMID: 34615430
- Ajith A, Mondal S, Chattopadhyay S, Kumar A, Sthanikam Y, **Chacko AG**, Prabhu K, Chacko G, Vanjare HA, Rajesh RV, Banerjee S.
- [Mass Spectrometry Imaging Deciphers Dysregulated Lipid Metabolism in the Human Hippocampus Affected by Temporal Lobe Epilepsy.](#)
- ACS Chem Neurosci. 2021 Oct 16. doi: 10.1021/acscchemneuro.1c00587. Online ahead of print.PMID: 34657435
- Abraham AP, Pai R, Beno DL, Chacko G, Asha HS, Rajaratnam S, Kapoor N, Thomas N, **Chacko AG**.
- [USP8, USP48, and BRAF mutations differ in their genotype-phenotype correlation in Asian Indian patients with Cushing's disease.](#)
- Endocrine. 2021 Oct 18. doi: 10.1007/s12020-021-02903-x.
- Gupta A, Chacko G, **Chacko AG**
- Prevalence and Pattern of Leptomeningeal Pigmentation in the Human Brain and its Role in the Safe Surgical Excision of Extra-Axial Brain Tumors
- Neurol India 69; 1204-1209, 2021
- Gandham EJ, Goyal-Honavar A, Beno D, Pai R, Balakrishnan R, Jasper A, Gowri M, Moorthy RK, **Chacko AG**, Chacko G
- [Impact of Grade on Survival in Pleomorphic Xanthoastrocytoma and Low Prevalence of BRAF V600E Mutation.](#)
- World Neurosurg. 2022 May 23:S1878-8750(22)00695-7. doi: 10.1016/j

- Goyal-Honavar A, Balasundaram A, Thayakaran IP, Babu M, Pai R, Joseph J, Jayachandran R, **Chacko AG**, Mathew LG, Balakrishnan R, Rajshekhar V, Jeyaseelan L, Sudarsanam TD, Chacko G.
- [ZFTA \(Zinc Finger Translocation Associated\) Fusion in Supratentorial Ependymomas: Low Prevalence in South Asians and No Correlation with Survival.](#)
- World Neurosurg. 2022 Apr 2:S1878-8750(22)00426-0.
- Sarkar S, Chacko SR, Korula S, Hesarghatta A, Balakrishnan R, Mathai S, Simon A, Chacko G, Prabhu K, **Chacko AG**.
- [A Comparison of Long-Term Treatment Outcomes Between Giant and Nongiant Craniopharyngiomas.](#)
- World Neurosurg. 2022 Jun;162:e587-e596. doi: 10.1016/j.wneu.2022.03.073. Epub 2022 Mar 20.
- Goyal-Honavar A, Balakrishnan R, Chacko G, **Chacko AG**.
- Radiation-Induced Intravascular Papillary Endothelial Hyperplasia in a Cavernous Sinus Hemangioma.
- Neurol India. 2022 Jan-Feb;70(1):359-362. doi: 10.4103/0028-3886.338715. Neurol India. 2022. PMID: 35263914
- Cossu G, Jouanneau E, Cavallo LM, Froelich S, Staronni D, Giammattei L, Harel E, Mazzatenta D, Bruneau M, Meling TR, Berhouma M, Chacko AG, Cornelius JF, Paraskevopoulos D, Schroeder HWS, Zazpe I, Manet R, Gardner PA, Dufour H, Cappabianca P, Daniel RT, Messerer M.
- Surgical management of giant pituitary neuroendocrine tumors: Meta-analysis and consensus statement on behalf of the EANS skull base section.
- Brain Spine. 2022 Mar 28;2:100878.
- Kurian DE, V R, Horo S, **Chacko AG**, Prabhu K, Mahasampath G, Korah S.
- Predictive value of retinal nerve fibre layer thickness for postoperative visual improvement in patients with pituitary macroadenoma.
- BMJ Open Ophthalmol. 2022 Jul;7(1):e000964. doi: 10.1136/bmjophth-2021-000964.PMID: 36161840
- Sarkar S, Korula S, Mathai S, Simon A, Balakrishnan R, Backianathan S, **Chacko AG**
- Upfront adjuvant irradiation versus postoperative surveillance following incomplete surgical resection of craniopharyngiomas in children and young adults.
- Childs Nerv Syst. 2022 Oct;38(10):1877-1883. doi: 10.1007/s00381-022-05635-z. Epub 2022 Aug 9.PMID: 35945339
- Balakumar S, Pai R, **Chacko AG**, Patel B, Nancy R, Balakrishnan R, Sarkar S, Sampath G, Chacko G.
- Telomerase Reverse Transcriptase Promoter Mutations in A Cohort Of Adult Gliomas – Clinicopathological Correlates.
- Neurol India. 2022 May-Jun;70(3):953-959. doi: 10.4103/0028-3886.349649.PMID: 35864624
- Goyal-Honavar A, Gupta A, Manesh A, Varghese GM, Edmond Jonathan G, Prabhu K, **Chacko AG**.
- A prospective evaluation of postoperative fever in adult neurosurgery patients in the COVID-19 era.

- J Clin Neurosci. 2022 Sep;103:26-33. doi: 10.1016/j.jocn.2022.06.024. Epub 2022 Jul 4.PMID: 35809454
- A Negative-Pressure Face-Mounted System Reduces Aerosol Spread during Endonasal Endoscopic Surgery.
- Gandham EJ, Goyal-Honavar A, Johnson LR, Gupta A, Thomas R, Devasahayam S, Prabhu K, **Chacko AG**. J Neurol Surg B Skull Base. 2022 May 17;84(3):217-224.
- Predictors of Delayed Hyponatraemia After Surgery for Pituitary Tumour.
- Rajan R, **Chacko AG**, Verma S, Kapoor N, Paul T, Thomas N, Jebasingh F, Cherian KE, Sahu S, Shyamasunder AH. Horm Metab Res. 2023 Jun;55(6):395-401

Frequently Asked Questions

1. Where does Dr. ARI G CHACKO practice?

Dr. ARI G CHACKO currently practices at Apollo Proton Cancer Centre, located in Chennai.

2. Who is Dr. ARI G CHACKO?

Dr. ARI G CHACKO is a highly experienced Neurosurgeon with 30 years of expertise in the field. He is known for providing exceptional patient care and advanced medical treatments. His areas of expertise include Skull Treatment, Trigeminal Neuralgia Treatment. He also treats conditions such as Gaucher Disease, Moyamoya Disease.

3. Why do patients choose Dr. ARI G CHACKO?

Patients trust Dr. ARI G CHACKO for his expertise, patient-centric approach, and commitment to providing the highest standard of care. He is well-versed in the latest medical advancements and ensures personalized treatment for every patient.

4. What is Dr. ARI G CHACKO's specialization?

Dr. ARI G CHACKO specializes in Neurosurgery, with expertise in treatments for Skull Treatment, Trigeminal Neuralgia Treatment.

5. What are Dr. ARI G CHACKO's medical qualifications?

Dr. ARI G CHACKO holds prestigious qualifications, including Mch(Neurosurgery), MBBS.

6. How many years of experience does Dr. ARI G CHACKO have?

Dr. ARI G CHACKO has 30 years of experience in the medical field, treating various conditions related to Neurosurgery.

7. How can I book an appointment with Dr. ARI G CHACKO?

You can book an appointment with Dr. ARI G CHACKO through: Online: Visit <https://www.apollohospitals.com/book-doctor-appointment/> to schedule an appointment.