# CURRICULUM VITAE (v. 07.04.2024)

**Ivo W. Tremont-Lukats, M.D., FEBN**

### PRESENT TITLE AND AFFILIATION

**Primary Appointment**

Department of Neurosurgery and the *Kenneth R. Peak* Brain and Pituitary Tumor Center, Houston Methodist Hospital, Houston, Texas. Supervisors: [David Baskin, MD,FAANS,FACS](https://www.houstonmethodist.org/faculty/david-baskin/), and [Gavin Britz, M.D.](https://www.houstonmethodist.org/faculty/gavin-britz/)

**Role**: Assistant Director of the *Kenneth R. Peak* Brain and Pituitary Tumor Center

### CITIZENSHIP(S)

U.S.

Estonia

Venezuela

### HOME ADDRESS

### 2409 Harbor Chase Dr

### Pearland, TX 77584-3455

### OFFICE ADDRESS

Houston Methodist Hospital

OPC24-328

6445 Main Street,

Houston, Texas 77030

713-441-3831

### EDUCATION

**Degree-Granting Education**

Universidad de Los Andes, Mérida, Venezuela, MD, (02/1981 – 07/1987), Medical Doctor.

### Graduate Training

Internship and rural medicine, Instituto Venezolano de Los Seguros Sociales (IVSS), Caracas, Venezuela, 12/1987-12/1989

Residency, Internal Medicine, Universidad Central de Venezuela (UCV), Caracas, Venezuela, 12/1989-12/1992.

Residency, Medical Oncology, Universidad Central de Venezuela, Caracas, Venezuela, 1/1993-11/1995.

Research Fellowship, Clinical Oncology, University of Wisconsin-Madison, Madison, WI, 11/1995- 6/1997. Mentor: [Paul Carbone, M.D.](https://www.uwhealth.org/news/the-man-behind-the-carbone-name)

Clinical Residency, Neurology, University of Wisconsin-Madison, Madison, WI, 7/1997-6/2001. Residency training director: [Brad Beinlich, M.D.](https://neurology.wisc.edu/people/beinlich-brad/)

Clinical Fellowship, Neuro-Oncology. The University of Texas- M.D. Anderson Cancer Center, Houston, TX, 7/2001-6/2003. Fellowship Director: [Vinay Puduvalli, M.D.](https://faculty.mdanderson.org/profiles/vinay_puduvalli.html)

### CREDENTIALS

**Board Certification(s)**

**IN THE UNITED STATES**

1. **NEUROLOGY**. American Board of Psychiatry and Neurology. Number: 51875.
2. **HOSPICE AND PALLIATIVE MEDICINE**. American Board of Psychiatry and Neurology (Now: American Board of Internal Medicine) Certificate number: 24. 10/2008-12/2018. Current status: inactive.
3. **NEURO**-**ONCOLOGY**: United Council of Neurological Subspecialties (UCNS).
4. **CERTIFICATION IN MEDICAL QUALITY**. American Board of Medical Quality, Active since 04.2015. Recertification: TBA.

### IN THE EUROPEAN UNION

### NEUROLOGY. European Board and Section of Neurology.

### Since: 2021. See [UEMS Website](https://www.uems-neuroboard.org/web/index.php/european-board-examination/fellows-diplomas).

### Qualification: Fellow of the European Board of Neurology (FEBN)

### Licensures

Texas Medical Board: N1483

Florida: ME87518. Currently inactive.

**PROFESSIONAL SOCIETY MEMBERSHIPS:**

1. American Academy of Neurology (AAN)
2. European Academy of Neurology (EAN)
3. Society of Neuro-Oncology (SNO)
4. European Association of Neuro-Oncology (EANO)
5. Fellow of the Royal Statistical Society (RSS)

### TEACHING EXPERIENCE/SERVICE

**Academic Appointments**

Assistant Professor, Medical University of South Carolina, Charleston, SC, 07/2003-10/2004

Assistant Clinical Professor, Louisiana State University, New Orleans, LA, 02/2007-02/2009 (Ad honorem appointment).

Assistant Clinical Professor (ad honorem), Tulane University, New Orleans, LA, 01/2008-05/2009

Assistant Clinical Professor, Department of Neuro-Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 06/2009-09/2015

### Administrative Appointments/Responsibilities

Assistant Director of Neuro-Oncology, *Kenneth R. Peak* Brain and Pituitary Treatment Center,10/2015-10/2025

### Other Appointments/Responsibilities and work experience

Most current:

**CLINICAL SPECIALIST.**  Section: Nocturnal Services. Department: Critical Care & Respiratory Care, University of Texas-M.D. Anderson Cancer Center. From: 2011 to 2023. Supervisor: [Karen Chen, M.D.](https://faculty.mdanderson.org/profiles/karenchen.html)

Description: On call duties covering solid and hematologic tumors in general hospitalization areas, the emergency room, and in the medical intensive care unit (MICU). These duties include:

* Support for all nocturnal advanced practice providers (APP)
* The bedside evaluation of patients when needed; triaging; allocation/admission of patients into the critical care unit; admission of critical patients in MICU; team leader or participant in cardiopulmonary resuscitation of patients with cardiorespiratory arrest, and implementation of comfort orders in dying patients who decide against continuation of active medical treatment.

**STAFF NEUROLOGIST**. Where: Culicchia Neurological Clinic, Marrero, Louisiana. From: 02.2005 to 06.2009. Diagnosis and management of patients with neurological disorders, including but not limited to stroke, dementias, movement disorders, headaches, back pain, seizure disorders, functional neurological disorders, neuromuscular disorders including myasthenia gravis, neuropathies, primary and secondary dysautonomia, multiple sclerosis, amyotrophic lateral sclerosis, cancer neurology including primary and metastatic brain tumors, neurological paraneoplastic syndromes. Director/supervisor: [Frank Culicchia, M.D., FAANS](https://culicchianeuro.com/frank-culicchia-md/).

**QUALITY OFFICER**, Department of Neuro-Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX, 04/2010 – 09/2015

**DIRECTOR OF MEDICAL OPERATIONS**, Department of Neuro-Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX, 04/2013-09/2015

### Consultantships

Mendota Mental Health Institute, Madison, Wisconsin, Consultant, 12/2000-06/2001

Role: Evaluation and admission of patients with acute psychiatric conditions

### Military or Other Governmental Service

N/A

### Institutional Committee Activities

Protocol Review Committee, Hollings Cancer Center, Member, 11/2003-6/2004 Pain Management, West Jefferson Cancer Committee, Member, 01/2006-2009 Clinical Research Committee, University of Texas-M.D. Anderson Cancer Center Member, 09/2010-09/2012

**FILE REVIEWER**:

Experience as a medical file reviewer: peer, disability, utilization, and medical necessity reviews.

Specialty: Neurology

* MRIoA (MRI of America) from 2010 until 2018
* Mitchell Medical Consultants Network (formerly MCN): From 2015 until 2021

**OTHER CERTIFICATIONS:**

**Advanced cardiovascular life support (ACLS**). Since: 2011. Current status: 2022-2024.

**PUBLICATIONS** (Note: in ascending date of publication; Tremont IW listed as alternate for Tremont-Lukats IW in some citations. All references verifiable at [Pubmed author search](https://pubmed.ncbi.nlm.nih.gov/?term=tremont%20lukats&sort=pubdate&page=2). Some Cochrane reviews appear twice due to updates).

1. **Tremont-Lukats IW**, Teixeira GM. Comparison of Granisetron, ondansetron, and tropisetron in the prophylaxis of acute nausea and vomiting induced by cisplatin for the treatment of head and neck cancer. A randomized controlled trial. Cancer 78(11):2450-3, 12/1996. PMID: 8941020.
2. **Tremont-Lukats IW**, Avila JL, Tapia F, Hernández D, Cáceres-Dittmar G, Rojas M. Abnormal expression of galactosyl (alpha 1-->3) galactose epitopes in squamous cells of the uterine cervix infected by human papillomavirus. Pathobiology 64(5):239-46, 1996. PMID: 9068006.
3. **Tremont-Lukats IW**, Avila JL, Hernández D, Vásquez J, Teixeira GM, Rojas M. Antibody levels against alpha-galactosyl epitopes in sera of patients with squamous intraepithelial lesions and early invasive cervical carcinoma. Gynecol Oncol 64(2):207-12, 2/1997. PMID: 9038265.
4. **Tremont-Lukats IW**, Teixeira GM. Cervical cancer decreasing, but not everywhere. Lancet 350(9075):449, 8/1997. PMID: 9259688.
5. **Tremont-Lukats IW**, Teixeira GM, Vásquez J, Hernández D. Validity of colposcopy to identify and grade squamous intraepithelial lesions among Venezuelan women. Eur J Gynaecol Oncol 18(1):57-60, 1997. PMID: 9061326.
6. **Tremont-Lukats IW**, Serbanescu R, Teixeira GM, Iriza E, Hernández DE, Schneider C. Multivariate analysis of primitive reflexes in patients with human immunodeficiency virus type-1 infection and neurocognitive dysfunction. Ital J Neurol Sci 20(1):17-22, 2/1999. PMID: 10933480.
7. **Tremont-Lukats IW**, Teixeira GM, Hernández DE. [Nine primitive reflexes in patients with acquired immunodeficiency syndrome (AIDS). Results of a case-control study]. Gac Med Mex 135(2):101-6, Mar-Apr, 3/1999. PMID: 10327745.
8. **Tremont-Lukats IW**, Teixeira GM, Hernández DE. Primitive reflexes in a case-control study of patients with advanced human immunodeficiency virus type 1. J Neurol 246(7):540-3, 7/1999. PMID: 10463353.
9. **Tremont-Lukats IW**, Megeff C, Backonja MM. Anticonvulsants for neuropathic pain syndromes: mechanisms of action and place in therapy. Drugs 60(5):1029-52, 11/2000. PMID: 11129121.
10. **Tremont-Lukats IW**, Fuller GN, Ribalta T, Giglio P, Groves MD. Paraneoplastic chorea: case study with autopsy confirmation. Neuro Oncol 4(3):192-5, 7/2002. PMCID: PMC1920638.
11. **Tremont-Lukats IW,** Gilbert MR. Advances in molecular therapies in patients with brain tumors. Cancer Control 10(2):125-37, Mar-Apr, 3/2003. PMID: 12712007.
12. Herman MA, **Tremont-Lukats IW**, Meyers CA, Trask DD, Froseth C, Renschler MF, Mehta MP. Neurocognitive and functional assessment of patients with brain metastases: a pilot study. Am J Clin Oncol 26(3):273-9, 6/2003. PMID: 12796600.
13. **Tremont-Lukats IW**, Bobustuc G, Lagos GK, Lolas K, Kyritsis AP, Puduvalli VK. Brain metastasis from prostate carcinoma: The M. D. Anderson Cancer Center experience. Cancer 98(2):363-8, 7/2003. PMID: 12872358.
14. Giglio P, **Tremont-Lukats IW**, Groves MD. Response of neoplastic meningitis from solid tumors to oral capecitabine. J Neurooncol 65(2):167-72, 11/2003. PMID: 14686737.
15. Boeve BF, **Tremont-Lukats IW**, Waclawik AJ, Murrell JR, Hermann B, Jack CR, Shiung MM, Smith GE, Nair AR, Lindor N, Koppikar V, Ghetti B. Longitudinal characterization of two siblings with frontotemporal dementia and parkinsonism linked to chromosome 17 associated with the S305N tau mutation. Brain 128(Pt 4):752-72. e-Pub 12/2004. PMID: 15615814.
16. Burton AW, Reddy SK, Shah HN, **Tremont-Lukats IW,** Mendel E. Percutaneous vertebroplasty--a technique to treat refractory spinal pain in the setting of advanced metastatic cancer: a case series. J Pain Symptom Manage 30(1):87-95, 7/2005. PMID: 16043012.
17. McDonald JM, See SJ, **Tremont IW**, Colman H, Gilbert MR, Groves M, Burger PC, Louis DN, Giannini C, Fuller G, Passe S, Blair H, Jenkins RB, Yang H, Ledoux A, Aaron J, Tipnis U, Zhang W, Hess K, Aldape K. The prognostic impact of histology and 1p/19q status in anaplastic oligodendroglial tumors. Cancer 104(7):1468-77, 10/2005. PMID: 16088966.
18. **Tremont-Lukats IW**, Challapalli V, McNicol ED, Lau J, Carr DB. Systemic administration of local anesthetics to relieve neuropathic pain: a systematic review and meta-analysis. Anesth Analg 101(6):1738-49, 12/2005. PMID: 16301253.
19. Challapalli V, **Tremont-Lukats IW**, McNicol ED, Lau J, Carr DB. Systemic administration of local anesthetic agents to relieve neuropathic pain. Cochrane Database Syst Rev(4):CD003345, 2005. PMID: 16235318.
20. **Tremont-Lukats IW**, Hutson PR, Backonja MM. A randomized, double-masked, placebo-controlled pilot trial of extended IV lidocaine infusion for relief of ongoing neuropathic pain. Clin J Pain 22(3):266-71, Mar-Apr, 3/2006. PMID: 16514327.
21. Groves MD, Puduvalli VK, Chang SM, Conrad CA, Gilbert MR, **Tremont-Lukats IW**, Liu TJ, Peterson P, Schiff D, Cloughesy TF, Wen PY, Greenberg H, Abrey LE, DeAngelis LM, Hess KR, Lamborn KR, Prados MD, Yung WK. A North American brain tumor consortium (NABTC 99-04) phase II trial of temozolomide plus thalidomide for recurrent glioblastoma multiforme. J Neurooncol 81(3):271-7, 2/2007. e-Pub 9/2006. PMID: 17031561.
22. **Tremont-Lukats IW**, Ratilal BO, Armstrong T, Gilbert MR. Antiepileptic drugs for preventing seizures in people with brain tumors. Cochrane Database Syst Rev(2):CD004424, 2008. PMID: 18425902.
23. **Tremont-Lukats IW**, Garciarena P, Juarbe R, El-Abassi RN. The immune inflammatory reconstitution syndrome and central nervous system toxoplasmosis. Ann Intern Med 150(9):656-7, 5/2009. PMID: 19414855.
24. **Tremont-Lukats IW**. The Toxicity of Chemotherapy and Radiotherapy on the Central Nervous System. J Support Oncol. e-Pub 4/2012. PMID: 22542044.
25. Alexander BM, Wang M, Yung WK, Fine HA, Donahue BA, **Tremont IW**, Richards RS, Kerlin KJ, Hartford AC, Curran WJ, Mehta MP. A phase II study of conventional radiation therapy and thalidomide for supratentorial, newly-diagnosed glioblastoma (RTOG 9806). J Neurooncol 111(1):33-9, 1/2013. PMID: 23086432.
26. Gilbert MR, Dignam JJ, Armstrong TS, Wefel JS, Blumenthal DT, Vogelbaum MA, Colman H, Chakravarti A, Pugh S, Won M, Jeraj R, Brown PD, Jaeckle KA, Schiff D, Stieber VW, Brachman DG, Werner-Wasik M, **Tremont-Lukats IW**, Sulman EP, Aldape KD, Curran WJ, Mehta MP. A Randomized Trial of Bevacizumab for Newly Diagnosed Glioblastoma. N Engl J Med 370(8):699-708, 2/2014. PMCID: PMC4201043.
27. Kamiya-Matsuoka C, Blas-Boria D, Williams MD, Garciarena P, Tummala S, **Tremont-Lukats IW.** N-type calcium channel antibody-mediated paraneoplastic limbic encephalitis: A diagnostic challenge. J Neurol Sci 338(1-2):188-90, 3/2014. e-Pub 1/2014. PMID: 24462122.
28. Shroff S, Shroff GS, Yust-Katz S, Olar A, Tummala S, **Tremont-Lukats IW**. The CT halo sign in invasive aspergillosis. Clin Case Rep 2(3):113-4, 6/2014. e-Pub 4/2014. PMCID: PMC4184607.
29. Anderson MD, Colen RR, **Tremont-Lukats IW**. Imaging mimics of primary malignant tumors of the central nervous system (CNS). Curr Oncol Rep 16(8):399, 8/2014. PMID: 24927848.
30. Mandel JJ, Olar A, Aldape KD**, Tremont-Lukats IW**. Lambrolizumab induced central nervous system (CNS) toxicity. J Neurol Sci 344(1-2):229-31, 9/2014. e-Pub 6/2014. PMCID: PMC4157634.
31. Kamiya-Matsuoka C, Shroff S, Tatsui CE, **Tremont-Lukats IW**, Gilbert MR. Sinking skin flap syndrome in glioblastoma. BMJ Case Rep 2014, 2014. e-Pub 11/2014. PMID: 25398923.
32. Mandel JJ, Tummala S, Woodman KH, **Tremont-Lukats I.** Delayed imaging abnormalities of neuro-invasive West Nile virus in cancer patients. J Neurol Sci 350(1-2):115-7, 3/2015. e-Pub 2/2015. PMID: 25702151.
33. Kamiya-Matsuoka C, Cachia D, Yust-Katz S, Rodriguez YA, Garciarena P, Rodarte EM, **Tremont-Lukats IW.** Ischemic stroke in patients with gliomas at the University of Texas-M.D. Anderson Cancer Center. J Neurooncol 2015; 125(1) 143-8 PMID: 26272599.
34. Bittar J, Kamiya-Matsuoka C, Barata PC, Lee-Kim SH, Olar A, **Tremont-Lukats IW.** Corticosteroid sensitivity in gliomatosis cerebri delays diagnosis. Pract Neurol 2015;15(4):309-311. PMID: 25922538.
35. Rizk N, Kamiya-Matsuoka C, **Tremont-Lukats IW.**  Lowe extremity edema, anxiety, and cyanosis during chemoradiation therapy for glioblastoma. JAMA Oncol 2016; 2(2): 265-6. PMID: 26540389.
36. Raizer JJ, Giglio P, Hu J, Groves M, Merrell R, Conrad C, Phuphanich S, Puduvalli VK, Loghin M, Paleologos N, Yuan Y, Liu D, Rademaker A, Yung WK, Vaillant B, Rudnick J, Chamberlain M, Vick N, Grimm S, **Tremont-Lukats IW**, De Groot J, Aldape K, Gilbert MR; Brain Tumor Trials Collaboration. A phase II study of bevacizumab and erlotinib after radiation and temozolomide in MGMT unmethylated GBM patients. J Neurooncol 2016;126(1): 185-192. PMID: 26476729.
37. Weathers SP, Han X, Liu DD, Conrad CA, Gilbert MR, Loghin ME, O'Brien BJ, Penas-Prado M, Puduvalli VK, **Tremont-Lukats I**, Colen RR, Yung WKA, de Groot JF. A randomized phase II trial of standard dose bevacizumab vs low dose bevacizumab plus lomustine in adults with recurrent glioblastoma. J Neurooncol 2016;129(3):487-494. PMID: 27406589.
38. Lewis GD, Rivera AL, **Tremont-Lukats IW**, Ballester-Fuentes LY, Zhang YJ, Teh BS. GBM skin metastasis: a case report and review of the literature. CNS Oncol 2017;6(3):203-9 PMID: 28718312.
39. Maraka S, Groves MD, Mammoser AG, Melguizo-Gavilanes I, Conrad CA, **Tremont-Lukats IW**, Loghin ME, O'Brien BJ, Puduvalli VK, Sulman EP, Hess KR, Aldape KD, Gilbert MR, de Groot JF, Alfred Yung WK, Penas-Prado M. Phase 1 lead-in to a phase 2 factorial study of temozolomide plus memantine, mefloquine, and metformin as postradiation adjuvant therapy for newly diagnosed glioblastoma. Cancer 2019; 125(3):424-433. PMID: 30359477.
40. **Tremont-Lukats IW**, The BS. Lomustine and temozolomide for newly diagnosed glioblastoma with methylated MGMT promoter: Lessons from the CeTeG/NOA-09 trial. Transl Cancer Res 2019: (S6): S589-591. PMID: 35117137.
41. Challapalli V, **Tremont-Lukats IW**, McNicol ED, Lau J, Carr DB. Systemic administration of local anesthetic agents to relieve neuropathic pain. Cochrane Database Syst Rev. 2019 Oct 7;2019(10). doi: 10.1002/14651858.CD003345.pub2.PMID: 31684682.
42. Scranton RA, Sadrameli S, Butler EB, Farach A, Wang HC, Teh BS, **Tremont-Lukats IW,** Fung SH, Zanotti-Fregonara P, Rostomily RC. Coregistration of Magnetic Resonance and [18F] Fludeoxyglucose-Positron Emission Tomography Imaging for Stereotactic Radiation Therapy Planning: Case Report in a Previously Irradiated Brain Metastasis With Recurrent Tumor and Radiation Necrosis. Pract Radiat Oncol. 2020 Mar-Apr;10(2):133-137. doi: 10.1016/j.prro.2019.11.008. Epub 2019 Nov 29. PMID: 31790826.
43. Yassin A, Al-Mistarehi AH, **Tremont-Lukats IW**, El-Salem K, Shawagfeh A, Al-Hafez B, Levine N. Acute diffuse cerebral vasospasm as a complication of endoscopic resection of a colloid cyst: a case report. Br J Neurosurg. 2020 Sep 21:1-5. doi: 10.1080/02688697.2020.1820946. Epub ahead of print. PMID: 32955376.
44. Shivaprasad A, Rai P, Gogia B, **Tremont-Lukats IW**. DEPOSEIN: Take with a grain of salt. Neuro Oncol. 2020 Nov 26;22(11):1708-1709. doi: 10.1093/neuonc/noaa181. PMID: 32722769; PMCID: PMC7690346.
45. Rai P, Gogia B, **Tremont-Lukats IW**. Epileptic discharges in acutely ill patients investigated for SARS-CoV-2/COVID-19 and the absence of evidence. Epilepsia Open. 2020 Oct 14;5(4):616-617. doi: 10.1002/epi4.12435. PMID: 33230489; PMCID: PMC7675313.
46. Stocksdale B, Nagpal S, Hixson JD, Johnson DR, Rai P, Shivaprasad A, **Tremont-Lukats IW**. *Neuro-Oncology Practice* Clinical Debate: long-term antiepileptic drug prophylaxis in patients with glioma. Neurooncol Pract. 2020 May 20;7(6):583-588. doi: 10.1093/nop/npaa026. PMID: 33312673; PMCID: PMC7716178.
47. Puri A, Mylavarapu C, Xu J, Patel TA, S Teh B, **Tremont-Lukats I**, Chang JC, Niravath P. Clinical factors and association with treatment modalities in patients with breast cancer and brain metastases who develop leptomeningeal metastases. Breast Cancer Res Treat. 2022 Jun;193(3):613-623. doi: 10.1007/s10549-022-06595-3. Epub 2022 Apr 23. PMID: 35460498.
48. Day J, Yust-Katz S, Cachia D, Wefel J, **Tremont Lukats IW**, Bulbeck H, Rooney AG. Interventions for the management of fatigue in adults with a primary brain tumour. Cochrane Database Syst Rev. 2022 Sep 12;9(9):CD011376. doi: 10.1002/14651858.CD011376.pub3. PMID: 36094728; PMCID: PMC9466986.
49. Yassin A, Al-Mistarehi AH, **Tremont-Lukats IW**, El-Salem K, Shawagfeh A, Al-Hafez B, Levine N. Acute diffuse cerebral vasospasm as a complication of endoscopic resection of a colloid cyst: a case report. Br J Neurosurg. 2023 Oct;37(5):1362-1366. doi: 10.1080/02688697.2020.1820946. Epub 2020 Sep 21. PMID: 32955376.

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