Publications HYPO Avril 2025- octobre 2025

Déficits hypophysaires

A database study of the safety and effectiveness of daily growth hormone in treating more than 80,000 children with growth disorders worldwide: a plain language summary of publication. Maghnie M, Ranke MB, Geffner ME, Vlachopapadopoulou E, Ibáñez L, Carlsson M, Cutfield W, Rooman R, Gomez R, Wajnrajch MP, Linglart A, Stawerska R, Clayton PE, Darendeliler F, Hokken-Koelega ACS, Horikawa R, Tanaka T, Dörr HG, Polak M, Grimberg A.Ther Adv Endocrinol Metab. 2025 Aug 17;16:20420188251345556. doi: 10.1177/20420188251345556.

Pituitary dysfunction after cranial radiotherapy for brain tumor. Chapon J, Berthillier J, Klich A, Tanguy R, Perreton N, Drouin P, Brac-de-la-Perrière A, Simonet C, Lasolle H, Raverot G, Subtil F, Borson-Chazot F.Ann Endocrinol (Paris). 2025 Jul;86(4):101722. doi: 10.1016/j.ando.2025.101722.

Consensus and controversies about diagnosing GH deficiency: a Delphi survey by the GH research society. Arlien-Søborg MC, Radovick S, Boguszewski MCS, Bidlingmaier M, Johannsson G, Grimberg A, Ho KKY, Biller BMK, Choong CS, Hoffman AR, Backeljauw P, Boguszewski CL, Bollerslev J, Brue T, Chanson P, Christ E, Cianfarani S, Clayton PE, Cohen P, Dauber A, Fleseriu M, Gebauer J, Giustina A, Higham CE, Horikawa R, Höybye C, Juul A, Lodish M, Luo X, Mauras N, Miller KK, Melmed S, Neggers SJCMM, Karavitaki N, Rosenfeld R, Ross R, Savendahl L, Schilbach K, Collett-Solberg PF, Strasburger CJ, Tritos NA, van Santen HM, Yuen KCJ, Jorgensen JOL.Pituitary. 2025 May 7;28(3):57. doi: 10.1007/s11102-025-01526-z.

CSNK2B Mutation: A Rare Cause of IGHD. Aouchiche K, Romanet P, Barlier A**,** Brue T, Pertuit M, Reynaud R, Saveanu A.Clin Endocrinol (Oxf). 2025 Apr;102(4):421-426. doi: 10.1111/cen.15174.

Pituitary organoids as models for congenital pituitary deficiencies. Fauquier T, Mac TT, Castinetti F, Brue T.Presse Med. 2025 Jul 9:104299. doi: 10.1016/j.lpm.2025.104299.

Inhibin B and AMH for Diagnosis of Hypogonadotropic Hypogonadism in Boys Under One Year of Age: A Case-Control Study. Gueguen T, Martinerie L, Castets S, Menut V, Villanueva C, Lambert AS, Perge K, Bouhours-Nouet N, Levaillant L, Avril T, Simon D, de Kerdanet M, Lahlou N, Baron S, Reynaud R, Nicolino M, Bouvattier C, Coutant R.J Clin Endocrinol Metab. 2025 Apr 7:dgaf219. doi: 10.1210/clinem/dgaf219.

Early adolescence assessment of eleven boys treated with continuous subcutaneous infusion (CSGI) of recombinant LH and FSH during infancy. Lambert AS, Trouvin MA, Fouatih K, Lecoeuvre A, Thomas-Teinturier C, Rothenbuhler A, Bouligand J, Trabado S, Linglart A, Bouvattier C.Endocr Connect. 2025 Apr 1;14(4):e240082. doi: 10.1530/EC-24-0082.

Acromégalie

Pegvisomant in managing comorbidities of acromegaly: a review. Brue T, Chanson P, Drui D, Cristante J, Espiard S, Peyrat L, Aïssani W, Raverot G.Rev Endocr Metab Disord. 2025 Oct 29. doi: 10.1007/s11154-025-10002-9.

Medical treatment in acromegaly: a network meta-analysis. Kaparounaki C, Ilie MD, De Alcubierre D, Anagnostis P, Haidich AB, Isidori AM, Dekkers OM, Goulis DG, Raverot G.Eur J Endocrinol. 2025 Oct 30;193(5):S83-S94. doi: 10.1093/ejendo/lvaf221.PMID: 41140134

Outcome of acromegalic patients undergoing endoscopic endonasal surgery: collaborative French and Italian cohort, a 25-year experience. Baussart B, Zoli M, Passeri T, Guaraldi F, Villa C, Asioli S, Jouinot A, Laloi M, Hage M, Courtillot C, Vatier C, Chanson P, Bertherat J, Assié G, Gaillard S, Froelich S, Mazzatenta D.Neurosurg Rev. 2025 Sep 18;48(1):654. doi: 10.1007/s10143-025-03797-3.

Cardiomyopathy in Patients With Acromegaly - Not Truly a Concern Anymore? Wolf P, Maione L, Kamenický P, Chanson P. J Clin Endocrinol Metab. 2025 Sep 16;110(10):2718-2728. doi: 10.1210/clinem/dgaf338.

Cost-utility analysis of second line acromegaly treatment in France. Raverot G, Chanson P, Delemer B, Drui D, Briet C, Ferriere A, Beillat M, Aissani W, Cabout E, Romdhane HB, Brue T.Ann Endocrinol (Paris). 2025 Jul 9:101811. doi: 10.1016/j.ando.2025.101811.

Case Report: Late diagnosis of McCune-Albright with severe kyphoscoliosis, acromegaly and tertiary hyperparathyroidism. Bogusławska A, Komisarz-Calik M, Hubalewska-Dydejczyk A, Korbonits M, Romanet P, Barlier A, Gilis-Januszewska A.Front Endocrinol (Lausanne). 2025 Apr 28;16:1464945. doi: 10.3389/fendo.2025.1464945.

[Living with… acromegaly] Vivre avec… une acromégalie. Chanson P. Rev Prat. 2025 Mar;75(3):314-315. French. PMID: 40546183.

Acromegaly facial changes analysis using last generation artificial intelligence methodology: the AcroFace system. Rashwan HA, Marqués-Pamies M, Ruiz S, Gil J, Asensio-Wandosell D, Martínez-Momblán MA, Vázquez F, Salinas I, Ciriza R, Jordà M, Chanson P, Valassi E, Abdelnasser M, Puig D, Puig-Domingo M.Pituitary. 2025 Apr 21;28(3):50. doi: 10.1007/s11102-025-01515-2.

New treatments for acromegaly: Is a revolution underway? Cristante J, Castinetti F.Ann Endocrinol (Paris). 2025 Apr;86(2):101710. doi: 10.1016/j.ando.2025.101710.

Ectopic GHRH production: revisiting a rare cause of acromegaly. Stumpf MAM, Santana NO, Machado MC, Duarte FH, Glezer A, Raverot G, Raverot V, Jallad RS.Rev Endocr Metab Disord. 2025 Aug;26(4):593-602. doi: 10.1007/s11154-025-09961-w. Epub 2025 Apr 2.PMID: 40169474 Review.

Maladie de Cushing

Prospective Multicenter Evaluation of [(11)C]Methionine PET/MRI Sensitivity Compared with MRI for Localizing Small Pituitary Neuroendocrine Tumor or Pituitary Adenoma in Cushing Disease. Flaus A, Levigoureux E, Haesebaert J, Briet C, Castinetti F, Cristante J, Drui D, Germain N, Maione L, Illouz F, Sonnet E, Tauveron I, Merida I, Lancelot S, Costes N, Vasiljevic A, Marchand L, Rode S, Bertholon-Gregoire M, Criton G, Lapras V, Cotton F, Jouanneau E, Bournaud C, Raverot G.J Nucl Med. 2025 Oct 1;66(10):1575-1580. doi: 10.2967/jnumed.124.269392.

Specific focus on the basal dura for improving Cushing's disease surgery: a cohort study. Baussart B, Hudelist B, Villa C, Hage M, Jouinot A, Reina V, Barat M, Leclercq D, Passeri T, Touraine P, Cebula H, Guignat L, Courtillot C, Chanson P, Vatier C, Froelich S, Bertherat J, Assié G, Gaillard S. Neurosurg Rev. 2025 Jun 5;48(1):483. doi: 10.1007/s10143-025-03656-1.

Desmopressin is a safe and effective secretagogue to replace corticotropin-releasing hormone in petrosal sinus sampling. Piazzola C, Graillon T, Girard N, Dufour H, Brue T, Castinetti F.Ann Endocrinol (Paris). 2025 Apr;86(2):101678. doi: 10.1016/j.ando.2024.101678.

Adénome gonadotrope

Mast cells act as pro-angiogenic and pro-tumorigenic players in pituitary gonadotroph tumors. Ilie MD, Flores-Martínez Á, Chanal M, Lepetit M, Samson B, Lehiani A, Vasiljevic A, Chinezu L, Jouanneau E, Bernard D, Gandrillon O, Picard F, Raverot G, Bertolino P.Neuro Oncol. 2025 Oct 16:noaf241. doi: 10.1093/neuonc/noaf241.

Characterization of the secretory profile of gonadotroph pituitary tumors. Carretti AL, Ilie MD, Vasiljevic A, Raverot V, Virili C, Jaffrain-Rea ML, Jouanneau E, Raverot G.J Endocrinol Invest. 2025 Oct 8. doi: 10.1007/s40618-025-02721-2.

Clinicopathological characteristics associated with the prognosis of recurrent gonadotroph tumors. Kaparounaki C, Vasiljevic A, Jouanneau E, Sergeant C, Raverot G, Ilie MD.Endocr Relat Cancer. 2025 May 13;32(6):e240186. doi: 10.1530/ERC-24-0186. Print 2025 Jun 1.

Adénome hypophysaire agressif

Revised European Society of Endocrinology Clinical Practice Guideline for the management of aggressive pituitary tumours and pituitary carcinomas. Raverot G, Burman P, Abreu AP, Heaney AP, van Hulsteijn L, Lin AL, Marcus H, McCormack A, Minniti G, Petersenn S, Popovic V, Theodoropoulou M, Trouillas J, Dekkers OM.Eur J Endocrinol. 2025 May 30;192(6):R45-R78. doi: 10.1093/ejendo/lvaf100.

Response to letter to the editor "proposed consideration for targeted immunotherapy in pituitary carcinomas and aggressive pituitary tumors". Cardoso ABR, Zimmermann AC, Raverot G, Nunes-Nogueira VDS.Pituitary. 2025 Jul 23;28(4):86. doi: 10.1007/s11102-025-01558-5.

Effect of antineoplastic drug therapies on carcinoma and aggressive pituitary tumors: a systematic review and meta-analysis. Cardoso ABR, Zimmermann AC, Raverot G, Nunes-Nogueira VDS.Pituitary. 2025 Jun 2;28(3):70. doi: 10.1007/s11102-025-01541-0.

Predominantly cystic craniopharyngiomas: Current management approaches, outcomes and limitations. Calvanese F, Jannelli G, Sergeant C, Manet R, Feuvret L, Ducray F, Raverot G, Jouanneau E.Best Pract Res Clin Endocrinol Metab. 2025 Sep;39(5):101981. doi: 10.1016/j.beem.2025.101981.

Autres

EndoCompass project: research roadmap for pituitary and neuroendocrine tumor endocrinology.Castano JP, Dattani MT, Grozinsky-Glasberg S, Karavitaki N, Pavel ME, Andoniadou C, Alexandraki K, Capatina C, Cerbone M, Ferone D, Gan HW, Hofland J, Hofland LJ, Ibanez-Costa A, Ilie MD, Isidori AM, Korbonits M, Kos-Kudła B, Maghnie M, Mantovani G, Marazuela M, Raverot G, Scarpa A, Schilbach K, Theodoropoulou M, van Santen HM, Zatelli MC.Eur J Endocrinol. 2025 Oct 17;193(Supplement_2):ii84-ii96. doi: 10.1093/ejendo/lvaf035.

The etiological diagnosis of "Primary" hypophysitis requires prolonged follow-up: A case of Langerhans cell histiocytosis. Miquel L, Sahakian N, Testud B, Schleinitz N, Castinetti F.Ann Endocrinol (Paris). 2025 Sep;86(5):102467. doi: 10.1016/j.ando.2025.102467.

Pediatric pituitary adenomas: clinical features, treatment strategies, and management challenges. Gouttin MC, Perge K, Calender A, Doye E, de la Perrière AB, Nicolino M, Raverot G, Villanueva C.Endocrine. 2025 Sep 20. doi: 10.1007/s12020-025-04418-1.

Multiple endocrine neoplasia type 1 (MEN1): recommendations and guidelines for best practice. Brandi ML, Pieterman CRC, English KA, Lines KE, Shariq OA, Marini F, Cuny T, Lewis MA, Stratakis CA, Perrier ND, Waguespack SG, Castinetti F, Valk GD, Thakker RV; Delphi Expert Panel.Lancet Diabetes Endocrinol. 2025 Aug;13(8):699-721. doi: 10.1016/S2213-8587(25)00119-6.

Treatments for MEN1-associated endocrine tumours: three systematic reviews and a meta-analysis. English KA, Pieterman CRC, Marini F, Lines KE, Cuny T, Saulle R, Shariq OA, Mitrova Z, Castinetti F, Waguespack SG, Brandi ML, Thakker RV, Valk GD, Minozzi S.Lancet Diabetes Endocrinol. 2025 Aug;13(8):685-698. doi: 10.1016/S2213-8587(25)00118-4.

Multiple endocrine neoplasia type 1 (MEN1): recommendations and guidelines for best practice. Brandi ML, Pieterman CRC, English KA, Lines KE, Shariq OA, Marini F, Cuny T, Lewis MA, Stratakis CA, Perrier ND, Waguespack SG, Castinetti F, Valk GD, Thakker RV; Delphi Expert Panel.Lancet Diabetes Endocrinol. 2025 Aug;13(8):699-721. doi: 10.1016/S2213-8587(25)00119-6. Epub 2025 Jun 13.

Stem cells and organoids in endocrinology. Brue T, Wémeau JL.Presse Med. 2025 Jul 9:104298. doi: 10.1016/j.lpm.2025.104298.

A core outcome set for pituitary surgery research: an international delphi consensus study. Valetopoulou A, Newall N, Khan DZ, Borg A, Bouloux PMG, Bremner F, Buchfelder M, Cudlip S, Dorward N, Drake WM, Fernandez-Miranda JC, Fleseriu M, Geltzeiler M, Ginn J, Gurnell M, Harris S, Jaunmuktane Z, Korbonits M, Kosmin M, Koulouri O, Horsfall HL, Mamelak AN, Mannion R, McBride P, McCormack AI, Melmed S, Miszkiel KA, Raverot G, Santarius T, Schwartz TH, Serrano I, Zada G, Baldeweg SE, Marcus HJ, Kolias AG; PitCOP Collaborators.Pituitary. 2025 Jul 23;28(4):88. doi: 10.1007/s11102-025-01553-w.

Orthotopic pituitary tumors generated by stereotaxic GC cell injection in immunocompetent rats. Lefevre E, Chasseloup F, Ladurelle N, Janot C, Thibaud JL, Beau I, Adam C, Courtils CD, Zizzari P,

Carpentier A, Kamenický P.Acta Neuropathol Commun. 2025 Jul 5;13(1):149. doi: 10.1186/s40478-025-02052-6.

Progression of potentially aggressive pituitary neuroendocrine tumors after radiotherapy: risk factors, management, and outcomes.Bioletto F, Bogeat C, Barat M, Benanteur N, Guignat L, Hage M, Garcia C, Calugaru V, Jacob J, Arrondeau J, Groussin L, Bertagna X, Bertherat J, Villa C, Jouinot A, Baussart B, Assié G.Eur J Endocrinol. 2025 Jun 30;193(1):167-178. doi: 10.1093/ejendo/lvaf136.

Pituitary incidentaloma: a Pituitary Society international consensus guideline statement. Fleseriu M, Gurnell M, McCormack A, Fukuoka H, Glezer A, Langlois F, Schwartz TH, Greenman Y, Agrawal N, Akirov A, Bancos I, Capatina C, Castinetti F, Catalino M, Christ-Crain M, Das L, Drincic A, Freda PU, Gadelha MR, Giustina A, Hanzu F, Ho KKY, Isand K, Mallea-Gil S, Mamelak AN, Marcus HJ, Uygur MM, Molitch M, Nachtigall LB, Nowak E, Pereira AM, Pineyro MM, Shafiq I, Syro L, Takahashi Y, Varlamov EV, Vila G, Zada G, Karavitaki N, Melmed S; & The Pituitary Society International Incidentaloma Consensus Group.Nat Rev Endocrinol. 2025 Jun 24. doi: 10.1038/s41574-025-01134-8.

New 3D printed simulator for training of endoscopic transsphenoidal surgery used in a dedicated pituitary course: A French cross-sectional study.Baussart B, Prebot J, Assie G, Reina V, Leclercq D, Villa C, Gaillard S.Neurochirurgie. 2025 May;71(3):101652. doi: 10.1016/j.neuchi.2025.101652.

Deciphering the Presentation and Etiologies of Hypophysitis Highlights the Need for Repeated Systematical Investigation. Miquel L, Testud B, Albarel F, Sahakian N, Cuny T, Graillon T, Brue T, Dufour H, Schleinitz N, Kaplanski G, Ebbo M, Castinetti F.J Clin Endocrinol Metab. 2025 May 19;110(6):e1767-e1775. doi: 10.1210/clinem/dgae664.

Tatton-Brown-Rahman syndrome: A new multiple endocrine neoplasia syndrome with intellectual disability? Le Collen L, Charnay T, Ly S, Delemer B, Lagarde A, Ascone G, Daly AF, Barlier A, Romanet P; AURAGEN consortium.Ann Endocrinol (Paris). 2025 Apr;86(2):101680. doi: 10.1016/j.ando.2024.101680.