

Professor Neumann has three publications in journals of the Lancet group: one in Lancet 1991 and one in Lancet Oncology 2014.

The publication in 1991 was the first epidemiologic estimation of the prevalence of von Hippel-Lindau disease (approx. 1:40.000).

This publication showed in addition, that there are 2 types of von Hippel-Lindau disease, one type with pheochromocytoma and one type without pheochromocytoma. This has become international recognition and is still today the basis for classification of von Hippel-Lindau disease.

The publication of 2014 demonstrates that the concept of conservative adrenal surgery for pheochromocytoma is effective and the standard for pheochromocytoma in patients with multiple endocrine neoplasia type 2. This was a multicenter, multinational study involving 30 centers with more than 50 specialists. It demonstrates that Addisonian disease is a frequent longterm complication in patients with hereditary pheochromocytoma. This study is a key paper for organ sparing surgery in patients with hereditary tumor syndromes.

In the third publication we describe the complex challenge of adequate clinical and molecular genetic diagnosis of pheochromocytomas and paragangliomas as a review.

In 2019, a large scale study on MEN2B was published as a multicenter study guided by Frederic Castinetti in Marseille.

1. Castinetti F, Waguespack SG, Machens A, Uchino S, Hasse-Lazar K, Sanso G, Else T, Dvorakova S, Qi XP, Elisei R, Maia AL, Glod J, Lourenço DM Jr, Valdes N, Mathiesen J, Wohllk N, Bandgar TR, Drui D, Korbonits M, Druce MR, Brain C, Kurzawinski T, Patocs A, Bugalho MJ, Lacroix A, Caron P, Fainstein-Day P, Borson Chazot F, Klein M, Links TP, Letizia C, Fugazzola L, Chabre O, Canu L, Cohen R, Tabarin A, Spehar Uroic A, Maiter D, Laboureau S, Mian C, Peczkowska M, Sebag F, Brue T, Mirebeau-Prunier D, Leclerc L, Bausch B, Berdelou A, Sukurai A, Vlcek P, Krajewska J, Barontini M, Vaz Ferreira Vargas C, Valerio L, Ceolin L, Akshintala S, Hoff A, Godballe C, Jarzab B, Jimenez C, Eng C, Imai T, Schlumberger M, Grubbs E, Dralle H, **Neumann HP**, Baudin E. Natural history, treatment, and long-term follow up of patients with multiple endocrine neoplasia type 2B: an international, multicentre, retrospective study. *Lancet Diabetes Endocrinol.* 2019 Mar;7(3):213-220. doi: 10.1016/S2213-8587(18)30336-X. Epub 2019 Jan 16.  
Erratum in: *Lancet Diabetes Endocrinol.* 2019 Mar;7(3):e3. PMID:30660595
2. Castinetti F, Qi XP, Walz MK, Maia AL, Sanso G, Peczkowska M, Hasse-Lazar K, Links TP, Dvorakova S, Toledo RA, Mian C, Bugalho MJ, Wohllk N, Kollyukh O, Canu L, Loli P, Bergmann SR, Biarnes Costa J, Makay O, Patocs A, Pfeifer M, Shah NS, Cuny T, Brauckhoff M, Bausch B, von Dobschuetz E, Letizia C, Barczynski M, Alevizaki MK, Czetwertynska M, Ugurlu MU, Valk G, Plukker JTM, Sartorato P, Siqueira DR, Barontini M, Szperl M, Jarzab B, Verbeek HHG, Zelinka T, Vlcek P, Toledo SPA, Coutinho FL, Mannelli M, Recasens M, Demarquet L, Petramala L, Yaremchuk S, Zabolotnyi D, Schiavi F, Opocher G, Racz K,

Januszewicz A, Weryha G, Henry JF, Brue T, Conte-Devolx B, Eng C, **Neumann HPH**

Outcomes of adrenal sparing surgery or total adrenalectomy in pheochromocytoma associated with multiple endocrine neoplasia type 2: an international retrospective population based study

**The Lancet Oncology** 2014 May;15(6):648-55, epub ahead of print April 2014

3. Erlic Z, **Neumann HPH**.

Diagnosing patients with hereditary paraganglial tumours.

**The Lancet Oncology**. 2009 Aug;10(8):741.

4. **Neumann HPH**, Wiestler OD

Clustering of features of Von Hippel-Lindau syndrome: evidence for a complex genetic locus

**The Lancet** 1991;337:1052-1054

Hartmut Neumann