

# Burden of diabetes type 1 and 2

is high in Europe with **61.4 million** affected people<sup>1</sup>



**Diabetic nerve pain**  
(painful diabetic peripheral neuropathies; pDPN)  
**can be a progressive and debilitating consequence** of diabetes<sup>2,3</sup>



**pDPN can have a significant impact** on the lives of people living with diabetes<sup>4,5</sup>



**Reduction of neuropathic pain is perhaps the most important outcome** for patients<sup>6</sup>

**576** people with diabetes from four European countries answered questions about the impact of pDPN on their lives.\*



**4 in 5** pDPN patients report **moderate to severe pain** on a daily basis



- 54%** report that pDPN **negatively impacts their day-to-day activities**
- 33%** report that their **self-esteem has dropped**
- 52%** feel that pDPN has a **large impact on their diabetes treatment**



**60%** of the people **currently working have missed 5 or more days** in the past 12 months due to their pDPN



**73%** of respondents **have no or little knowledge** about pDPN



**1 in 2** have not received a **formal diagnosis** of pDPN



**Provision of better treatments to help manage pDPN** is key for **70%** of respondents



**The quality of the healthcare professional-patient relationship** determines if pDPN is diagnosed early and the degree of patient's treatment satisfaction.<sup>5</sup>



**Patients who are warned** about the potential to develop pDPN **seem to have a better treatment experience**

**What can you do if you are affected by diabetes?**  
Talk about your pDPN symptoms to enable diagnosis and appropriate treatment

\*Online survey with people self-reporting as suffering from painful diabetic peripheral neuropathies. Grünenthal has funded the survey which has been conducted in collaboration with patients and health care professionals to give people with painful diabetic peripheral neuropathies a voice. Completed May 2022 and published at Tesfaye S, Brill S, Eerdeken M, Maderuelo Labrador M, Petersen G, de Rooij Peek A, Reta A, Ryan D, Schaper N, Tölle T, Truini A, Ziegler D. Diagnosis, management and impact of painful diabetic peripheral neuropathy: A patient survey in four European countries. Journal of Diabetes and its Complications. 2023 Apr; 37(4): 108417. <https://doi.org/10.1016/j.jdiacomp.2023.108417>

## REFERENCES:

1. IDF Atlas 2021 [https://diabetesatlas.org/idfawp/resource-files/2021/07/IDF\\_Atlas\\_10th\\_Edition\\_2021.pdf](https://diabetesatlas.org/idfawp/resource-files/2021/07/IDF_Atlas_10th_Edition_2021.pdf) last accessed 17 August 2022. 2. Schreiber AK, Nones CF, Reis RC, Chichorro JG, Cunha JM. Diabetic neuropathic pain: Physiopathology and treatment. World J Diabetes. 2015 Apr 15;6(3):432-44. 3. Javed S, Petropoulos IN, Alam U, Malik RA. Treatment of painful diabetic neuropathy. Ther Adv Chronic Dis. 2015 Jan;6(1):15-28. 4. Ziegler D, Papanas N, Schnell O, Nguyen BDT, Nguyen KT, Kulankrakorn K, Deerochanawong C. Current concepts in the management of diabetic polyneuropathy. J Diabetes Investig. 2021 Apr;12(4):464-475. 5. Carmichael J, Fadavi H, Ishibashi F, Shore AC, Tavakoli M. Advances in Screening, Early Diagnosis and Accurate Staging of Diabetic Neuropathy. Front Endocrinol (Lausanne). 2021 May 26;12:671257. 6. Pop-Busui R, Ang L, Boulton AJM, et al. Diagnosis and Treatment of Painful Diabetic Peripheral Neuropathy. Arlington (VA): American Diabetes Association; 2022 Feb. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK580224/> doi: 10.2337/db2022-01.