

# Carers of People living with Parkinson, the 2019 European realities

H. Rossinot<sup>1</sup>, P. Martinez-Martin<sup>2</sup>, P. Odin<sup>3</sup>, K-R. Chaudhuri<sup>4</sup>, C.Billoet<sup>5</sup>, S.Lindvall<sup>6</sup>

Parkinson Disease as a chronic disease interferes with the life of non professional relatives caring for the patient (carers).



### Aim of this survey:

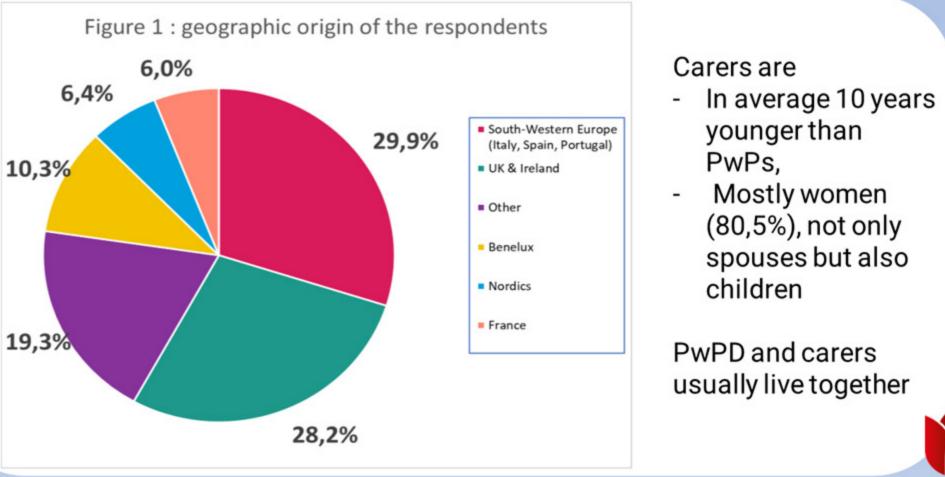
to highlight the physical, financial and emotional challenges facing carers of people living with Parkinson's (PwPD) across Europe.



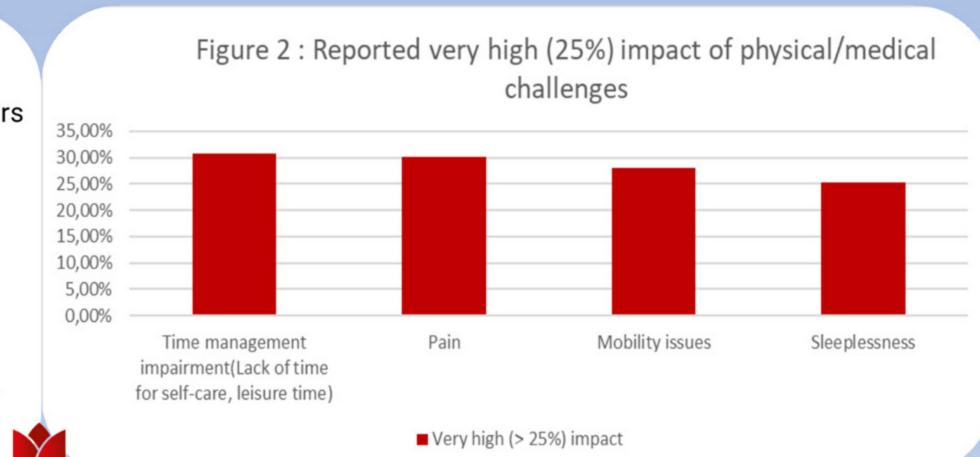
By identifying the individual and societal cost consequences that caring has on individuals, the survey results support the European Parkinson's Disease Association (EPDA) to campaign for better and more timely support services aimed at carers of PwPD.

#### Results:

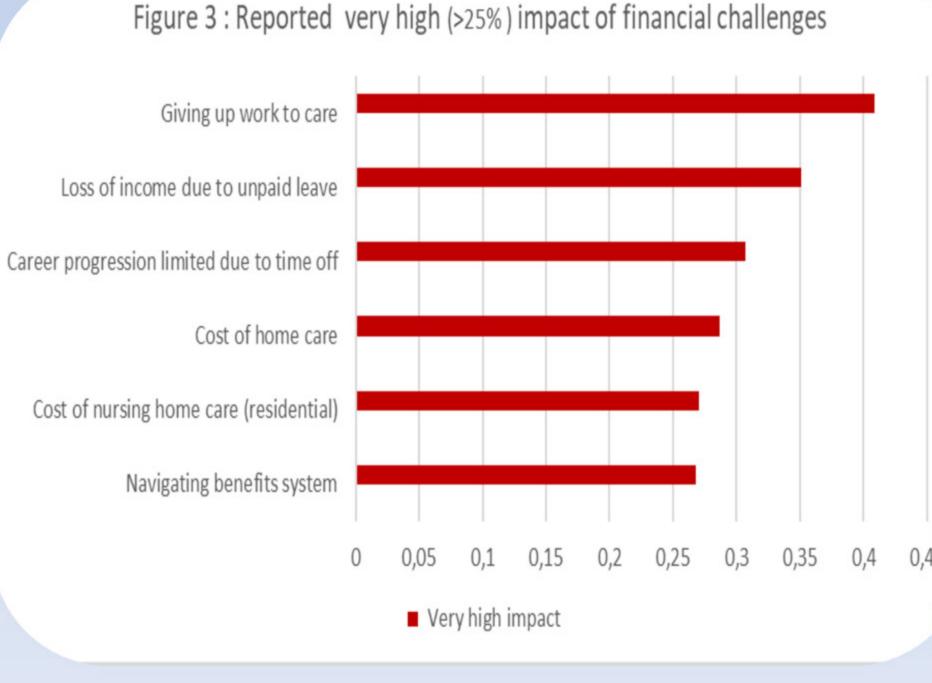
## 1790 completed questionnaires, from 30 EU countries (figure1)



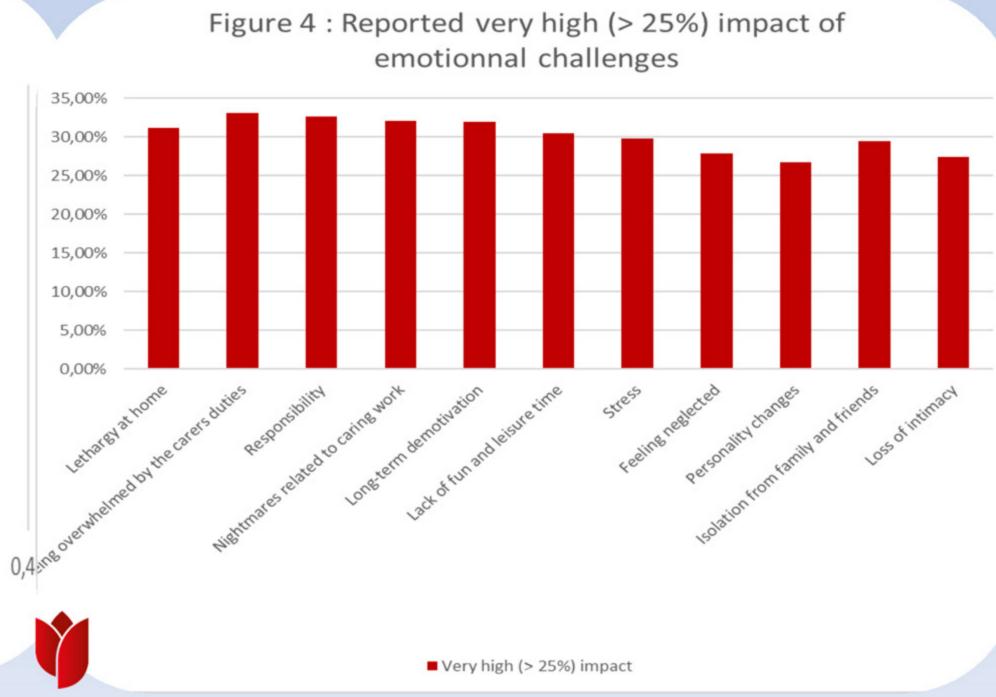
85.9% suffer from a physical strain such as pain (one of the highest impact on carers 'quality of life) or fatigue (brought up by 53,8% of them) strongly impacting their life and health (figure2)



# **68.5**% face financial issues due to their responsibilities as a carer. **(figure3).**



**95.9**% of carers are impacted by **emotional** challenges -with stress mentioned by over 50% of them **(figure 4)** 



### Conclusions

Caring for a PwPD in the EU can lead to social and financial precariousness as well as a decline in health which is adding cost to the healthcare systems.



**Tools** have to be developed and financed **to counterface** these challenges.



It is a public health emergency to develop a holistic management of Parkinson Disease

#### Methods:

Survey questionnaire co-built with representatives of EPDA national member organisations (MO) to address carers' emotional or physical or financials challenges. Launched online (14 languages) on 06/10 closed 09/06 2019 it was promoted by EPDA' MO & physicians. Responses gathered through online questionnaire. Statistical analysis of quantitative data with a confidence interval (margin of error) at 2% and confidence level of 95%. Thematic breakdown of results based on geographic clusters of respondents

1. ZIBENS Nancy, France . 2. Center for Networked Biomedical Research in Neurodegenerative Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 5. Medical Affairs, Air liquide Santé International, Gentilly France . 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 6. European Parkinson's Disease Association (EPDA), Sevenoaks United Kingdom. 6. European Parkinson's Dise