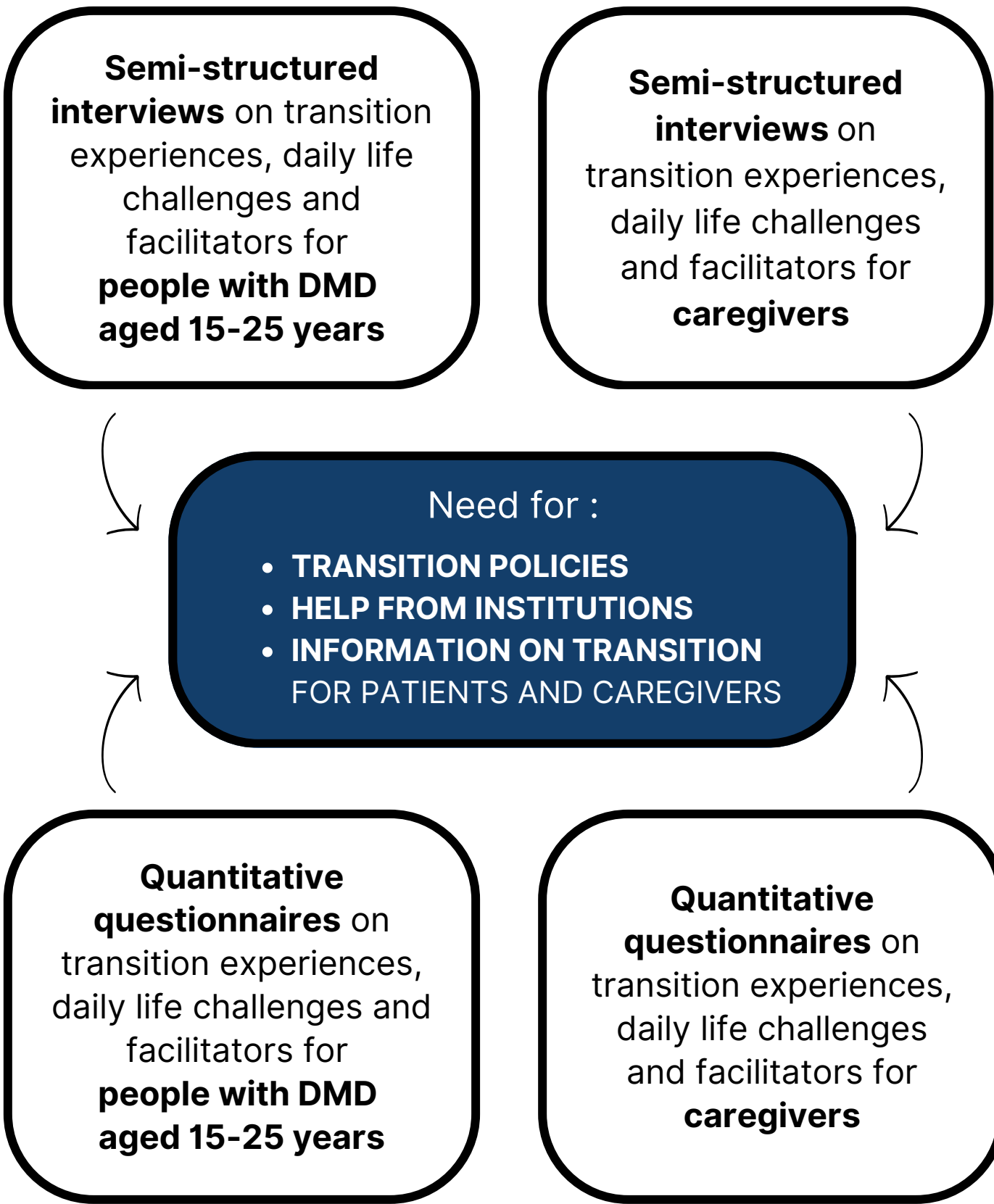


# A qualitative study on people with Duchenne muscular dystrophy and caregivers' experiences during the transition process from pediatric to adult healthcare

Marcassoli A.1 , Moroni I.2 , Guastafierro E.1 , Brigliadori B.2 , Nardocci N.2 , Leonardi M.1 , De Angelis F.3 , Langer T.4 , Rodger S.4 , Willems J.4 , Kraus De Camargo O.5 , Frei J.5 , Swain A.5 , Ringer D.5 , Gorter J.5 , Pozniak K.5 , Rajapakse N.5 , Fournier A.6 , Gutierrez R.6 , Osman H.7 , Reeskau G.8 , McCauley D.5 , Wang E.5 , **Friedrich S.4**

**1** Neurology, Public Health and Disability Unit, Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy;  
**2** Department of Paediatric Neuroscience, Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy  
**3** Parent Project APS, Rome, Italy  
**4** Universitätsklinikum Freiburg, Freiburg, Germany  
**5** CanChild - McMaster University, Hamilton, Canada  
**6** CHU Sainte-Justine Montréal, Montréal, Canada  
**7** Muscular Dystrophy Canada, Toronto, Canada  
**8** Deutsche Gesellschaft für Muskelkranke e.V., Freiburg/Brg, Germany

**Transition from pediatric to adult-centered healthcare** involves both medical and psychological needs of adolescents and young adults. This process can be especially complex in rare neurological diseases, including neuromuscular disorders. **Duchenne Muscular Dystrophy (DMD)** is a rare X-linked disorder characterized by progressive muscle degeneration, causing the loss of independent ambulation and severe multisystem complications. Over the past few years, the survival perspectives for people with DMD have improved, leading to the **need for a transition process** from pediatric to adult healthcare.



## Aim

Explore the experiences of adolescents and young adults with DMD and their families in three countries (Italy, German, Canada), identifying the challenges and supportive factors of their transition process. How to improve health care, including rehabilitation systems, for individuals with DMD and other rare diseases?

## Conclusions

Without structured guidelines, young people and their families feel left alone during this process. The experiences of people with DMD and families across various countries will inform recommendations to improve the knowledge and development of transition programs from pediatric to adult care systems.

**Acknowledgements and conflicts of interest:** This project has received funding from the European Union's Horizon 2020 research and innovation programme under the EJPRD COFUND-EJP N° 825575, as well as local (Canadian Institutes of Health Research, Federal Ministry of Education and Research of Germany, and Ministry of Health of Italy) funding. We wish to thank PAOs and patient partners for their continuous support with the project. The authors declare that the study is conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

