



Low- and high-anxious hypermobile Ehlers-Danlos syndrome patients comparison of psychosocial and health outcomes

Lucile Montalescot, Caroline Bourdon, Cécile de Cazotte, Guillem Pailhez, Antonio Bulbena, Claude Hamonet, Carolina Baeza-Velasco

► To cite this version:

Lucile Montalescot, Caroline Bourdon, Cécile de Cazotte, Guillem Pailhez, Antonio Bulbena, et al.. Low- and high-anxious hypermobile Ehlers-Danlos syndrome patients comparison of psychosocial and health outcomes. Colloque international Syndrome d'Ehlers-Danlos, Mar 2017, Paris, France. hal-03121088

HAL Id: hal-03121088

<https://hal.science/hal-03121088>

Submitted on 20 Mar 2021

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Low- and high-anxious hypermobile Ehlers-Danlos syndrome patients: comparison of psychosocial and health outcomes.

Contact: carolina.baeza-velasco@parisdescartes.fr

Lucile Montalescot¹ MSc, Caroline Bourdon² MSc, Cécile de Cazotte¹ MSc, Guillem Pailhez³ MD, PhD, Antonio Bulbena³ MD, PhD, Claude Hamonet^{4,5} MD, PhD & Carolina Baeza-Velasco^{1,6} MSc, PhD

¹ Laboratory of Psychopathology and Health Processes, University Paris Descartes - Sorbonne Paris Cité, Boulogne-Billancourt, France ; ² Functional Rehabilitation Center, Evry Hospital, Evry, France ; ³ Department of Psychiatry, Autonomia University of Barcelona, Barcelona, Spain ; ⁴ Department of Physical Medicine and Rehabilitation, Hôtel-Dieu Hospital, APHP Paris, France ; ⁵ University Paris-Est Créteil, Créteil, France ; ⁶ INSERM U1061, Neuropsychiatry: Epidemiological and clinical research. Department of Emergency Psychiatry and Acute Care, CHU Montpellier, Montpellier, France.

INTRODUCTION

- **Hypermobile Ehlers-Danlos Syndrome (hEDS)** is the **most common form** of Ehlers-Danlos Syndrome (EDS) (*Tinkle et al., 2017*).
- **High levels** of anxiety and **anxiety disorders** are **overrepresented** in patients with hEDS (*Bulbena et al., 2017*).
- Two **hypotheses** could explain this frequent co-occurrence: one **biological** and the other considering **anxiety** as a **response** to the burden of the disease (*Bulbena et al., 2017 ; Gratacos et al., 2001*).
- Despite the high prevalence of anxiety in hEDS patients, little is known about the **psychosocial and health implications** of such comorbidity.

OBJECTIVE

The aim of this study was to explore the **association** between **high levels of anxiety** and **psychosocial, health and sociodemographic** factors in people with hypermobile Ehlers-Danlos Syndrome.

METHODS

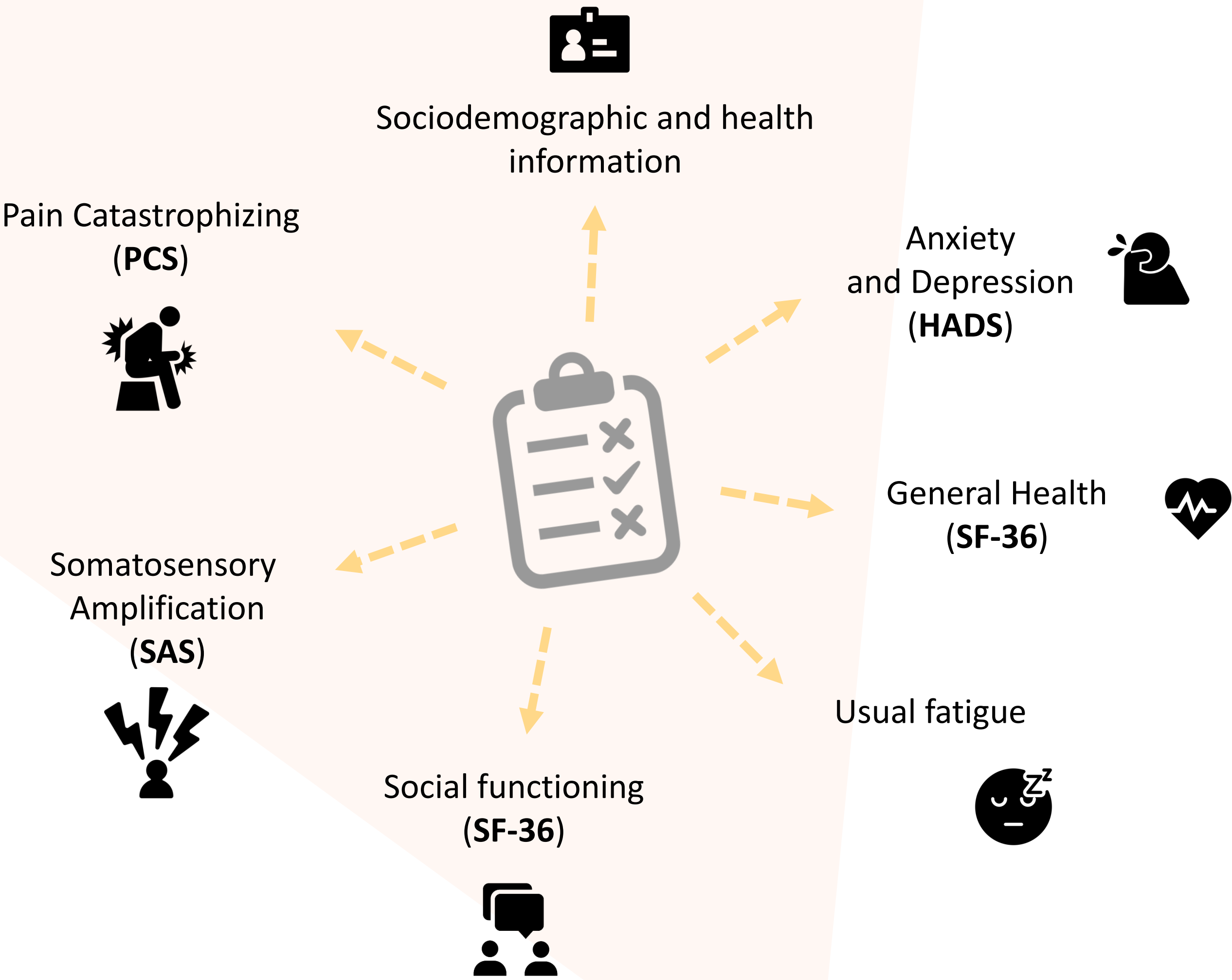
Population

72



37,1 y-o
(SD= 11,5)

Measures



RESULTS



High-Anxious



Low-Anxious

=	Person icon	=
+	Person icon with lightning bolt	-
-	Heart icon	+
-	Person icon with speech bubble	+
+	Person icon with Zzz	-
+	Person icon with lightning bolt	-
+	Person icon with lightning bolt	-

DISCUSSION

High anxiety is common in hEDS and is associated with negative outcomes.
→ An evaluation of anxiety is advisable in order to provide appropriate intervention for hEDS patients.

More information: Baeza-Velasco C, Bourdon C, Montalescot L, de Cazotte C, Pailhez G, Bulbena A, Hamonet C. (in press) Low- and high-anxious hypermobile Ehlers-Danlos patients: comparison of psychosocial and health variables. *Rheumatology International*.

Bulbena A, Baeza-Velasco C, Bulbena-Cabr  A, Pailhez G, Critchley H, Chopra P, Mallorqui-Bagu  N, Frank Ch, Porges S (2017) Psychiatric and psychological aspects in the Ehlers-Danlos syndrome. *Am J Med Genet* 175C:237-245 ; Gratacos M, Nadal M, Martin-Santos R, Pujana MA, Gago J, Peral B, Armengol L, Ponsa I, Miro R, Bulbena A, Estivill X (2001) A polymorphic genomic duplication on human chromosome 15 is a susceptibility factor for panic and phobic disorders. *Cell* 106:367-379 ; Tinkle B, Castori M, Berglund B, Cohen H, Grahame R, Kazkaz H, Levy H (2017) Hypermobile Ehlers-Danlos Syndrome (a.k.a. Ehlers-Danlos syndrome type III and Ehlers-Danlos syndrome hypermobility type): Clinical description and natural history. *Am J Med Genet* 175C:48-69.