

The Sickle Cell World Assessment Survey (SWAY)

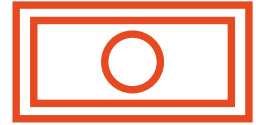
An international, multicountry, cross-sectional survey assessing the impact of sickle cell disease (SCD) on the daily life of patients, including:



Physical Symptoms



Emotional Well-being

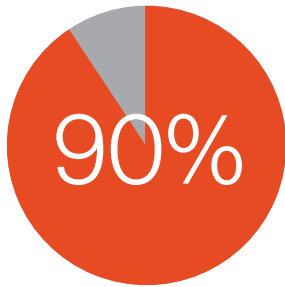


Economic Burden

SWAY, sickle cell world assessment survey

Vaso-occlusive crises (VOCs) and Hospitalizations¹

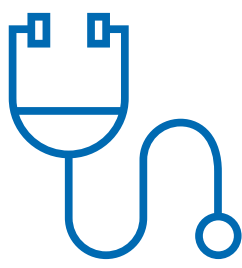
Patients who completed the survey reported substantially higher numbers of VOCs than current published data, **suggesting VOCs are underreported**



of patients surveyed **experienced at least 1 VOC in the past 12 months** and **39% experienced 5 or more VOCs** during this time

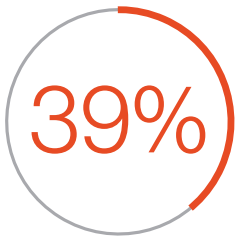
▶ On average, **5.3 VOCs were experienced by patients in the past year**

People living with sickle cell disease **often don't seek care despite symptoms and complications**

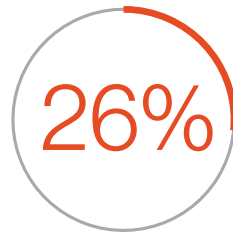


Of more than **11,000 VOCs reported** by survey respondents, **33%** resulted in hospitalization while nearly one-quarter were managed at home

When asked **why they did not seek medical assistance for VOCs:**



said the main reason they chose to manage their VOCs at home was **due to a previous poor experience at the ER or hospital**



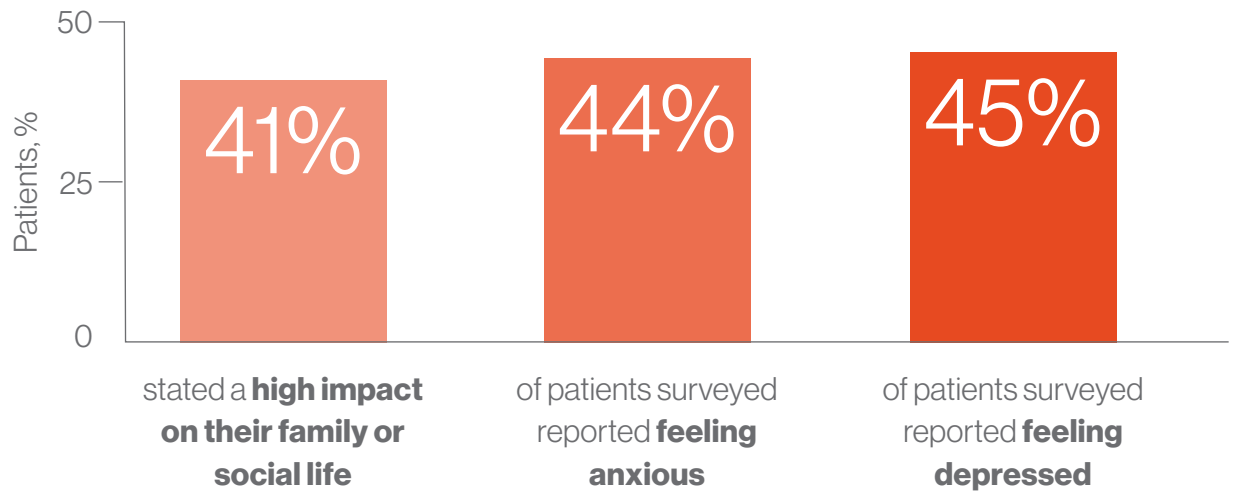
said they didn't seek assistance **due to a perception that health care providers do not understand SCD**



said their VOCs are treated at home **because the pain can be too severe to leave home**

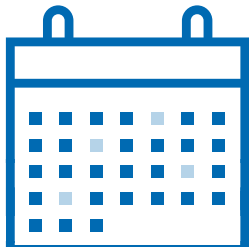
Burden Beyond Physical²

Sickle cell disease has **a substantial impact on patients' emotional well-being and daily life**



Economic Impact²

Sickle cell disease **impacts patients' ability to work and/or complete their education**



Surveyed patients, on average, report **over 1 day of missed work every week** (8.3 hours over 7 days) because of their disease

References: 1. Osunkwo I, Andemariam B, Inusa B, et al. Management Strategies and Satisfaction Levels in Patients With Sickle Cell Disease: Interim Results From the International Sickle Cell World Assessment Survey (SWAY). Poster presented at: The American Society of Hematology Annual Meeting, December 7-10, 2019; Orlando, FL. 2. Osunkwo I, Andemariam B, Inusa B, et al. Impact of Sickle Cell Disease Symptoms on Patients' Daily Lives: Interim Results From the International Sickle Cell World Assessment Survey (SWAY). Poster presented at: The American Society of Hematology Annual Meeting, December 7-10, 2019; Orlando, FL.