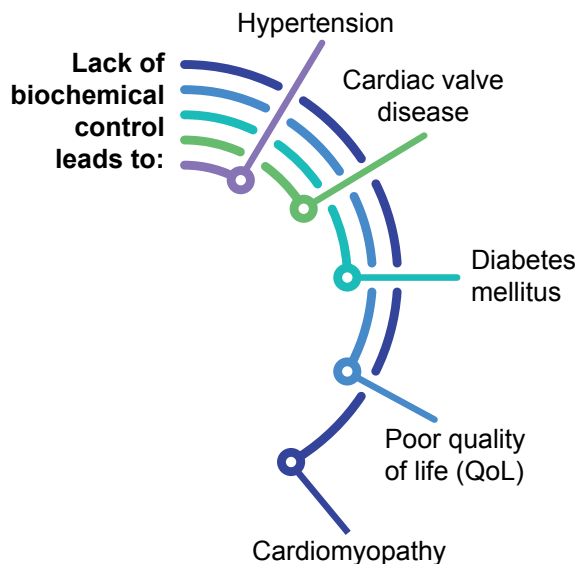


The unseen impacts of acromegaly



Persistent high IGF-1 and GH levels lead to life-threatening comorbidities¹



Multiple comorbidities and acromegaly-related symptoms may correlate with higher economic burden and impairment of QoL for patients living with acromegaly compared with the general population²

Key symptoms of acromegaly

Excessive sweating, noticeable facial changes, headache and hand and foot enlargement often occur in patients with acromegaly³



Improvement of acromegaly symptoms and HRQoL is the ultimate goal for all patients so it is key to measure this alongside biochemical control⁴

For more information or if you have any questions, please contact your medical Pfizer colleague or the medical information department at

*HRQoL was assessed by the Acromegaly Quality of Life (AcroQoL) and EQ-5D-3L questionnaires. The EQ-5D-3L comprises five dimensions of health (mobility, self-care, usual activities, pain/discomfort, and anxiety/depression) with three levels each (no problems, some/moderate problems, and extreme problems). The index value was calculated using reference weights to provide an overall value of HRQoL. The AcroQoL has 22 items across physical and psychological dimension. Each question has five possible answers on a 1–5 scale.²

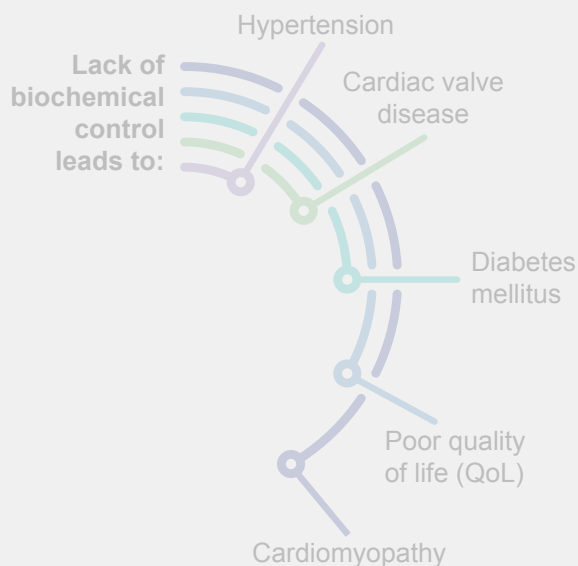
HRQoL, health-related, quality of life; QoL, quality of life.

1. FDA. Voice of the Patient: Living with Acromegaly. January 2021; 2. Liu S et al. *J Investig Med* 2018;66:653–660; 3. Drange MR, et al. *J Clin Endocrinol Metab*. 2000;85:168–174; 4. Broersen LHA et al. *J Clin Endocrinol Metab*. 2021;106:577–587; 5. Zhang X et al. *Front Psychol* 2022;13:733864.

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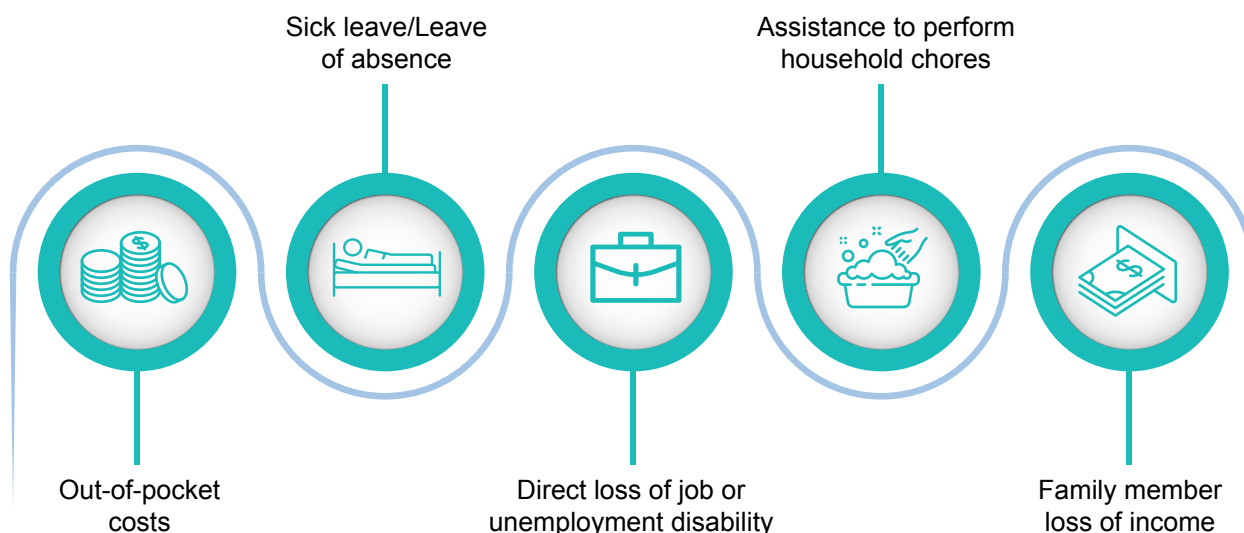


Direct and indirect costs of acromegaly²



A majority of patients (61% [65/106] of patients) in a study evaluating the economic burden of acromegaly experienced >4 symptoms; this was associated with higher costs and lower HRQoL scores (EQ-5D-3L: 0.53 vs 0.75, $P < 0.0001$; AcroQoL: 27 vs 56, $P < 0.0001$) compared to patients with fewer symptoms

Patients reported that costs over the last 3 months included:



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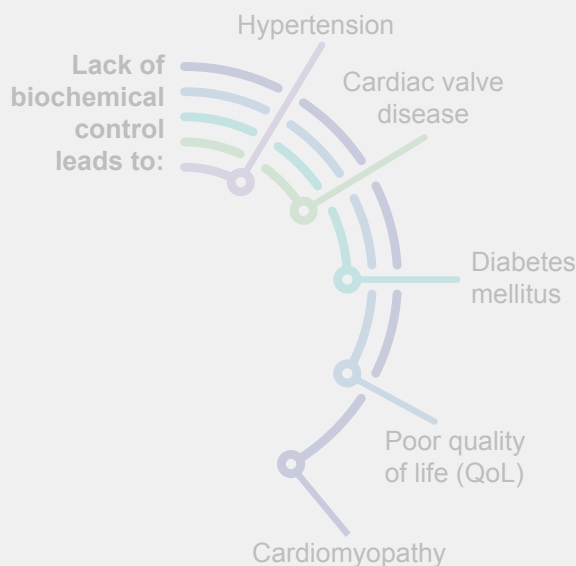
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Psychological impact of acromegaly



- In addition to depression and anxiety, many patients reported mood swings, panic attacks or episodes of anger¹
- People with acromegaly may have concerns about their body image, which are increased by the stigma associated with this disease⁵



“I’m sure the depression comes from seeing my face and body change and not understanding why I looked and felt so different than my peers”

– Statement of a patient with acromegaly¹

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