## The Role of Chronic Inflammation in Hidradenitis Suppurativa Progression and Patient Outcomes

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The Hurley staging system assesses the extent and type of lesions to indicate the severity of HS and direct treatment<sup>1</sup>

Increasing severity, decreasing quality of life<sup>11</sup>



Single or multiple abscesses without tunnels or scarring<sup>1</sup> Widely separated recurrent abscesses, with tunnels and scarring<sup>1</sup> Multiple interconnected tunnels and abscesses across the entire area, with scarring<sup>1</sup>

## Stage 3 HS has a profoundly negative impact on all aspects of a patient's life<sup>11</sup>



Many patients with HS report a very much or extremely impaired quality of life,<sup>12</sup> which declines with increasing Hurley stage<sup>11</sup>



Patients live daily with chronic pain, purulent discharge, restriction of mobility (due to interconnected tunnels and scarring), stigmatisation, impaired body image, sexual dysfunction, unemployment, and social isolation<sup>6</sup>



The burden of HS leads to high rates of depression, anxiety, and suicide  $^{\rm 6}$ 



Uncontrolled chronic inflammation can also result in systemic inflammation, and patients with HS have a high frequency of comorbidities, adding to the existing burden<sup>6</sup>



Despite the extensive impact on patient quality of life, diagnostic delay is a serious and prevalent issue for patients with HS and is associated with severe disease and a higher prevalence of systemic comorbidities<sup>6</sup>



The average diagnostic delay<sup>7</sup>



The average number of healthcare professionals visited before diagnosis<sup>13</sup>

Timely diagnosis of HS is essential for the initiation of appropriate treatment to minimise disease progression, irreversible tissue destruction, and disease burden<sup>6</sup>

## Abbreviations

C5a: complement component 5a; CD4\*: cluster of differentiation 4; HS: hidradenitis suppurativa IL: interleukin; ILC: innate lymphoid cell; Th: T helper cell; TNF: tumour necrosis factor.

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