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Quality Of Life Of Patients With Hereditary Angioedema In Serbia

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Rationale: Hereditary angioedema due to C1 inhibitor deficiency (C1-INH-HAE) is rare, autosomal dominant inherited disorder characterized by recurrent life-threatening oedemas and/or abdominal pain. This study aims to assess the health-related quality of life of patients with C1-INH- HAE using the 36-item Short Form Health Survey (SF-36).

Methods: 28 patients with C1-INH-HAE were recruited and were compared with age- and gender-matched healthy controls for physical and mental components of the SF-36 score. Sigmastat program was used for statistical analysis

Results: We found significant statistical differences in physical health score components: limitations (physical) ($p=0,040$) and bodily pain ($p=0,029$). We did not find any significant statistical differences in mental health score domains (vitality, social functioning, role emotional and mental health) and in physical functioning and general health scores ($p>0,05$).

Conclusion: Hereditary angioedema results in significant impairment in quality of life of the patients mostly in physical domains.