DOI:10.31557/EJHC.2021.2.1.1

#### LETTER TO EDITOR

# Quality of Life for Patients with Heart Failure in Arab Countries

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East J Healthc, 2 (1), 1-2

#### Submission Date: 12/10/2021 Acceptance Date: 12/25/2021

#### **Dear Editor-in-Chief**

For many decades, cardiovascular disease (CVD) has been the number one killer Worldwide [1]. Globally, 80% of CVD deaths take place in low- and middle-income countries. Heart failure (HF) is one of the most common CVDs, since 26 million adults worldwide are living with HF [2,3]. Projections show that the prevalence of HF is increasing. In developing countries, HF is a critical health problem similar to the developed countries [4]. This is correct for highly and low populated countries as well [5].

Acute exacerbation of HF is the most common reason for HF admissions to the Hospitals [6,7]. This is mostly due to dyspnea, pitting edema, fluid retention, pulmonary edema fatigue, sleep disturbance, and loss of energy [8]. All these factors will lead to poor QoL.

Studies checking the effect of HF on QoL are well established in the literature both on developed and developing countries showing that patients with HF suffer from poor QoL, physically and mentally. Therefore, interventions to improve QoL among this population is highly recommended.

Most healthcare providers use unsystematic approaches to learn about their patients' QoL and personal values and to apply this knowledge to make clinical decisions may improve their patients' QoL. Enhancing knowledge and positive attitude toward improving the QoL for patients with HF is the critical first step in such interventional studies.

## References

 Mozaffarian D, Benjamin EJ, Go AS, Arnett DK, Blaha MJ, Cushman M, Das SR, Ferranti S, Després J, Fullerton HJ, Howard VJ, Huffman MD, Isasi CR, Jiménez MC, Judd SE, Kissela BM, Lichtman JH, Lisabeth LD, Liu S, Mackey RH, Magid DJ, McGuire DK, Mohler ER, Moy CS, Muntner P, Mussolino ME, Nasir K, Neumar RW, Nichol G, Palaniappan L, Pandey DK, Reeves MJ, Rodriguez CJ, Rosamond W, Sorlie PD, Stein J, Towfighi A, Turan TN, Virani SS, Woo D, Yeh RW, Turner MB. Heart Disease and Stroke Statistics-2016 Update: A Report From the American

- Heart Association. Circulation. 2016 01 26;133(4):e38-360. https://doi.org/10.1161/CIR.000000000000350
- Aggelopoulou Z, Fotos NV, Chatziefstratiou AA, Giakoumidakis K, Elefsiniotis I, Brokalaki H. The level of anxiety, depression and quality of life among patients with heart failure in Greece. Applied nursing research: ANR. 2017 04;34:52-56. https://doi.org/10.1016/j.apnr.2017.01.003
- Benjamin EJ, Blaha MJ, Chiuve SE, Cushman M, Das SR, Deo R, Ferranti SD, Floyd J, Fornage M, Gillespie C, Isasi CR, Jiménez MC, Jordan LC, Judd SE, Lackland D, Lichtman JH, Lisabeth L, Liu S, Longenecker CT, Mackey RH, Matsushita K, Mozaffarian D, Mussolino ME, Nasir K, Neumar RW, Palaniappan L, Pandey DK, Thiagarajan RR, Reeves MJ, Ritchey M, Rodriguez CJ, Roth GA, Rosamond WD, Sasson C, Towfighi A, Tsao CW, Turner MB, Virani SS, Voeks JH, Willey JZ, Wilkins JT, Wu JH, Alger HM, Wong SS, Muntner P, . Heart Disease and Stroke Statistics-2017 Update: A Report From the American Heart Association. Circulation. 2017 03 07;135(10):e146-e603. https://doi.org/10.1161/CIR.000000000000000485
- Pelegrino V, Spadoti D, Clark A. Health-related Quality of Life Determinants in Outpatients With Heart Failure. Revista Latino-Americana de Enfermagem. 2011 06 01;19:451-457. https://doi.org/10.1590/S0104-11692011000300002
- Right Diagnosis, Health Grades Inc. Statistics by Country for Congestive Heart Failure. 2017. Available from: http:// www.rightdiagnosis.com/c/congestive\_heart\_failure/statscountry.htm. Accessed December 8, 2021.
- 6. Serafini G, Pompili M, Innamorati M, Iacorossi G, Cuomo I, Della Vista M, Lester D, De Biase L, Girardi P, Tatarelli R. The impact of anxiety, depression, and suicidality on quality of life and functional status of patients with congestive heart failure and hypertension: an observational cross-sectional study. Primary Care Companion to the Journal of Clinical Psychiatry. 2010;12(6):PCC.09m00916. https://doi.org/10.4088/PCC.09m00916gry
- Uchmanowicz I, Gobbens RJJ. The relationship between frailty, anxiety and depression, and health-related quality of life in elderly patients with heart failure. Clinical Interventions in Aging. 2015;10:1595-1600. https://doi. org/10.2147/CIA.S90077
- 8. AbuRuz ME. Anxiety and depression predicted quality of life among patients with heart failure. Journal of

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Multidisciplinary Healthcare. 2018 07 30;11:367-373. https://doi.org/10.2147/JMDH.S170327



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