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Is mortality rate after TKA or THA increased in patients with a history of liver transplant with respect to those who have not experienced previous liver transplant?

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Abstract

No ABSTRACT is required

TO THE EDITOR

In a recent article published by Ahmed *et al* it was concluded that individuals with a history of liver transplant (LT) experiencing knee or hip arthroplasty had longer hospital stays and more complications than individuals with no history of LT, but similar rates of mortality [1]. However, in order to have a more complete picture of the issue three articles which contradict the conclusion of Ahmed *et al* with respect to mortality should be considered.

In the systematic review and meta-analysis published in 2022 by Kim *et al*, individuals with a history of LT undergoing total hip arthroplasty (THA) showed higher mortality rates than individuals with no history of LT [2]. In a retrospective review of total joint arthroplasty (TJA) after LT, Wu *et al* (2022) stated that the mortality risk of patients with LT was considerable [3]. Ledford *et al* (2022) also found higher mortality rates after TKA and THA in patients with a history of LT than in the general population [4].

In summary, the existing publications are contradictory regarding mortality rates in LT patients undergoing THA and TKA. Therefore, this controversy should be duly analyzed in future studies.

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