

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

Effect of Online Hemodiafiltration compared with Hemodialysis on Quality of Life in patients with ESRD: A Systematic Review and Meta-analysis of Randomized Trials

DOI:10.17504/protocols.io.rhnd35e

Type: Protocol

Proper Citation

Tatsuya Suwabe, Francisco J. Barrera-Flores, Rene Rodriguez-Gutierrez, Yoshifumi Ubara, Kenmei Takaichi 2018. Effect of Online Hemodiafiltration compared with Hemodialysis on Quality of Life in patients with ESRD: A Systematic Review and Meta-analysis of Randomized Trials. protocols.io dx.doi.org/10.17504/protocols.io.rhnd35e

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.rhnd35e>

Authors: Tatsuya Suwabe, Francisco J. Barrera-Flores, Rene Rodriguez-Gutierrez, Yoshifumi Ubara, Kenmei Takaichi

Summary: End-stage renal disease (ESRD) is related to high morbidity, mortality, and impaired health-related quality of life. While hemodialysis (HD) is the current life-saving standard of treatment for patients with ESRD, their quality of life (QoL) remains far from desirable. Online HDF (OL-HDF), due to its convenience, could improve the QoL of patients with ESRD, however, this remains uncertain. We will aim to assess the body of evidence of OL-HDF compared to HD regarding QoL in patients with ESRD. We will comprehensively search in MEDLINE, EMBASE, The Cochrane Database of Systematic Reviews, and The Cochrane Central Register of Controlled Trials databases from their inception to February 2018. Reviewers working independently and in duplicate appraised the quality and included randomized controlled trials (RCTs) that evaluated, in patients with ESRD and HD or OL-HDF, QoL (Short Form Health Survey with 36 questions (SF-36) with physical component score (PCS) and mental component score (MCS) as well as scores about social activity, fatigue, and emotion). A meta-analysis of each outcome of interest will be performed using a random-effects model.

Associated Publications: Suwabe T, Barrera-Flores FJ, Rodriguez-Gutierrez R, Ubara Y, Takaichi K (2018) Effect of online hemodiafiltration compared with hemodialysis on quality of life in patients with ESRD: A systematic review and meta-analysis of randomized trials. PLoS ONE 13(10): e0205037. doi: [10.1371/journal.pone.0205037](https://doi.org/10.1371/journal.pone.0205037)

Affiliations: Mayo Clinic, Division of Nephrology and Hypertension, , , ,

External URL: <https://doi.org/10.1371/journal.pone.0205037>

Version: 1

Publication Date: 2018

Proper Citation: Tatsuya Suwabe, Francisco J. Barrera-Flores, Rene Rodriguez-Gutierrez, Yoshifumi Ubara, Kenmei Takaichi 2018. Effect of Online Hemodiafiltration compared with Hemodialysis on Quality of Life in patients with ESRD: A Systematic Review and Meta-analysis of Randomized Trials. protocols.io
dx.doi.org/10.17504/protocols.io.rhnd35e

Record Creation Time: 20210329T220536+0000

Record Last Update: 20210329T221033+0000

Data and Source Information

Source: