

ENVIRONMENTAL MONITORING BY PHYSICO-CHEMICAL METHODS

Goal of the project

The project objective is to monitoring the quality water used in dialysis.

Short description of the project

During the project various parameters of dialysis water are analyzed periodical from samples collected by the beneficiaries. The analyzed parameters and the times for the samples collections are commonly agreed by the beneficiaries and by the execution team. The analysis of the main parameters for the monitoring of dialysis water quality are needed to see if they fit into the maximum admissible concentration of legislation.

Project implemented by

- Faculty of Industrial Chemistry and Environmental Engineering.
- Department of Applied Chemistry and Engineering of Inorganic Compounds and Environmental.

Implementation period

05.01.2015-05.01.2016

Main activities

- During the project will be analyzed the metal ions from the dialysis water
- The water samples are analyzed monthly

Results

1. Monthly are analyzed three samples of water (water network, deionized water and permeate) to determine the concentrations of metal ions.

Applicability and transferability of the results

The results are consistent with the legislative framework in force.

Research Centre

Research Centre for Environmental Science and Engineering

Financed through/by

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Research team

Mihaela Ciopec, PhD

Contact information

Mihaela CIOPEC, PhD
Department of Applied Chemistry and Engineering of Inorganic Compounds and Environmental.
Address: Bd. Vasile Parvan, No. 6, RO300223, Timisoara
Phone: (+40) 256 404 192
Mobile:)+40) 722 806 880
E-mail: mihaela.ciopec@upt.ro