

Combined displacer-enhanced removal of protein-bound uremic toxins estimated in spent dialysate

Adoberg, Annika; Leis, Liisi; **Uhlén, Nils Fredrik Arne; Arund, Jürgen**; Segelmark, Marten; Fernström, Anders; Luman, Merike; **Fridolin, Ivo** Kidney International Reports 2019 / art.: MON-105 ; p. S347 <https://doi.org/10.1016/j.ekir.2019.05.895>

Comparison of protein-bound uremic toxins indoxyl sulfate and indole acetic acid reduction ratios in blood and spent dialysate during haemodialysis with different modalities

Leis, Liisi; Adoberg, Annika; Paats, Joosep; Tanner, Risto; Fridolin, Ivo XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 1 p <https://balticnephrology2024.eu/abstracts>

Dialysis patients survival in HD centres from Belgium, Estonia, Spain, and Sweden—association with BMI and hypocalcemia

Holmar, Jana; Luman, Merike; Adoberg, Annika; Leis, Liisi; Paats, Joosep; Uhlén, Fredrik; Ortiz, Alberto; Gloerieux, Griet; Dhondt, Annemieke; Pilt, Kristjan; Tanner, Risto; Fridolin, Ivo Nephrology Dialysis Transplantation 2024 / p. i1456–i1457 <https://doi.org/10.1093/ndt/gfae069.885>

Hemodialysis optical monitoring toward greener technology : a potential for water saving dialysis treatment

Leis, Liisi; Adoberg, Annika; Paats, Joosep; Holmar, Jana; Arund, Jürgen; Karai, Deniss; Luman, Merike; Pilt, Kristjan; Taklaja, Paul; Tanner, Risto; Fridolin, Ivo 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12–14, 2023, Liepāja, Latvia 2023 / p. 162 - 171 https://doi.org/10.1007/978-3-031-37132-5_21
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Interrelationship between protein bound uremic toxin indoxyl sulfate concentration in blood and spent dialysate during hemodialysis treatment : [abstract]

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Intradialytic on-line multicomponent reduction ratio monitoring in spent dialysate by a novel miniaturized optical sensor

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Intradialytic on-line multicomponent total removed solute monitoring in spent dialysate by a novel miniaturized optical sensor

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Intradialytic on-line multicomponent total removed solute monitoring in spent dialysate by a novel miniaturized optical sensor

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Intradialytic on-line multicomponent total removed solutes monitoring in spent dialysate by a novel miniaturized optical sensor

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Intradialytic optical assessment of C-mannosyl tryptophan removal using spent dialysate

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Non-invasive determination of uric acid in blood during hemodialysis with an optical spent dialysate sensor

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Non-invasive optical estimation of intradialytic concentrations of uremic toxins in blood of hemodialysis patients

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Online urea concentration estimation from spent dialysate using optical sensor

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Online uric acid concentration estimation in blood from spent dialysate measurements using an optical sensor

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Optical method and biochemical source for the assessment of the middle-molecule uremic toxin β 2-microglobulin in spent dialysate

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Optical on-line monitoring of a displacer-chromophore administration during a dialysis treatment

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Optical real-time cardiorenal toxin uric acid measurement during hemodialysis using a miniaturized optical sensor

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POS-648 medicines intake influences accuracy of the uremic retention molecules' optical monitoring in spent dialysate : the case of uremic toxin uric acid and paracetamol

Paats, Joosep; Adoberg, Annika; **Arund, Jürgen**; **Fridolin, Ivo**; **Holmar, Jana**; Leis, Liisi; **Pilt, Kristjan**; **Tanner, Risto**; **Uhlen, Nils Fredrik Arne**; **Luman, Merike** *Kidney International Reports* 2022 / p. S277-S278 : ill <https://doi.org/10.1016/j.ekir.2022.01.681>

Potential inhibitors of vascular calcification of plant origin – data from systematic review

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Promising ANEMIA/HYPOXIA related inhibitors of vascular calcification in chronic kidney disease. Data from systematic review

Adoberg, Annika; **Leis, Liisi**; **Luman, Merike**; **Uhlen, Fredrik**; **Fridolin, Ivo**; **Holmar, Jana** *Nephrology Dialysis Transplantation* 2025 / art. #1518 https://academic.oup.com/ndt/article/40/Supplement_3/gfaf116.0418/8294797 <https://doi.org/10.1093/ndt/gfaf116.0418>

Serum levels and removal by haemodialysis and haemodiafiltration of tryptophan-derived uremic toxins in ESKD patients

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A systematic review of vascular calcification inhibitors in chronic kidney disease

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Treatment with paracetamol can interfere with the intradialytic optical estimation in spent dialysate of uric acid but not of indoxyl sulfate

Adoberg, Annika; **Paats, Joosep**; **Arund, Jürgen**; Dhondt, Annemieke; **Fridolin, Ivo**; Glorieux, Griet; **Holmar, Jana**; **Lauri, Kai**; **Leis, Liisi**; **Luman, Merike**; **Pilt, Kristjan**; **Uhlen, Nils Fredrik Arne**; **Tanner, Risto** *Toxins* 2022 / art. 610 <https://doi.org/10.3390/toxins14090610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)