

Algorithm for rapid exclusion of clinically relevant plasma levels of DOACs in patients using the DOAC Dipstick. An expert consensus paper

Harenberg, Job; Gosselin, Robert C.; Cuker, Adam; Becattini, Cecilia; Pabinger, Ingrid; Poli, Sven; Weitz, Jeffrey Ian; Pikta, Marika Thrombosis and Haemostasis 2024 / p. 770-777 <https://doi.org/10.1055/a-2261-1811> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analysis of coagulation factors in fresh-frozen plasma

Pikta, Marika; Szanto, Timea; Reimal, Reelika; Muliin, P.; König, H.; Blinova, G.; Banys, Valdas Research and Practice in Thrombosis and Haemostasis 2021 <https://abstracts.isth.org/abstract/analysis-of-coagulation-factors-in-fresh-frozen-plasma/>

Analysis of factor VIII levels in haemophilia A treated patients – preliminary results of pharmacokinetic study

Pikta, Marika; Kaju, Kaspar; Malikov, A.; Urbala, Maike; Saks, K.; Rahuoja, Kaisa; Varik, M.; Lepik, K.; Ross, Mariken Haemophilia 2023 / p. 107 <https://doi.org/10.1111/hae.14715>

Arterial stiffness assessment for early diagnosis of atherosclerosis

Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kööts, Kristina; Meigas, Kalju Cardiology 2015 / p. 32 <https://www.karger.com/Article/Abstract/431110>

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis

Kööts, Kristina; **Pilt, Kristjan**; Sepa, Madis; Pikta, Marika; **Fridolin, Ivo**; **Meigas, Kalju**; **Viigimaa, Margus** 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 https://doi.org/10.1007/978-3-030-64610-3_15 Conference Proceedings at Scopus Article at Scopus

Assessment of biological response to desmopressin using von Willebrand factor multimers analysis

Pikta, Marika; Zemtsovskaja, Galina; **Viigimaa, Margus** Clinical chemistry and laboratory medicine 2017 / p. 727 <https://www.degruyter.com/downloadpdf/i/cclm.2017.55.issue-s1/cclm-2017-5019/cclm-2017-5019.pdf>

Assessment of the von Willebrand factor multimers profile in patients referred for bleeding tendency evaluation in Estonia : a preliminary report of the von Willebrand disease diagnostics project

Pikta, Marika; Saks, Kadri; Varik, Mirja; Hytti, Maria; Ilves, Kreete; Ross, Mariken International journal of medical laboratory research 2021 / p. 17-27 : ill <https://doi.org/10.35503/IJMLR.2021.6103>

Association between optical signal derived aortic augmentation index and cardiovascular risk factors in healthy volunteers

Pikta, Marika; **Viigimaa, Margus**; **Pilt, Kristjan**; **Kööts, Kristina**; **Meigas, Kalju** Reports on global health research 2020 / art. 119, 8 p. : ill https://doi.org/10.29011/rghr-119_100019 <https://www.gavindpublishers.com/article/view/association-between-optical-signal-derived-aortic-augmentation-index-and-cardiovascular-risk-factors-in-healthy-volunteers>

Benefit from lipoprotein apheresis in severe case of coronary heart disease patient with high level of lipoprotein (a)

Zemtsovski, Mihaili; **Zemtsovskaja, Galina**; **Pikta, Marika**; **Luman, Merike**; **Viigimaa, Margus** Cardiology 2015 / p. 35-36 <https://www.karger.com/Article/Abstract/431110>

Brain-to-brain loop concept in application to porphyrias : 10-year experience at North Estonia Medical Centre

Zemtsovskaja, Galina; **Pikta, Marika**; **Borissova, Julia**; **Pille, Viive**; **Luman, Merike**; **Viigimaa, Margus** Eesti Arst 2016 / p. 61 <http://ojs.utlib.ee/index.php/EA/article/viewFile/12917/8000> http://www.estar.ee/record=b4600434*est

A common molecular mechanism of vascular wall injure in atherosclerosis and diabetes

Tikhaze, Alla K.; Lankin, Vadim Z.; Konovalova, Galina G.; **Zemtsovskaja, Galina**; **Pikta, Marika**; **Viigimaa, Margus** Cardiology 2015 / p. 43-44 <https://www.karger.com/Article/Abstract/431110>

Comparison of chromogenic STA-R Evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran

Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banys, Valdas Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2024 / lk. 70-71 : ill https://www.estar.ee/record=b4560018*est

Comparison of chromogenic STA-R evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran

Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banys, Valdas "Hematology and hemostasis" Clinical Chemistry and Laboratory Medicine (CCLM) 2023 / p. s1274 <https://doi.org/10.1515/cclm-2023-7050>

Development of diagnostic algorithm for von Willebrand disease within WFH the Twinning Tallinn-Helsinki program

Pikta, Marika; Banys, Valdas; Vaide, Ines; Varik, Mirja 2018 https://www.postersessiononline.eu/173580348_eu/congresos/WFH2018/aula-M_P_139_WFH2018.pdf

ELMÜ laboratoorse hematoloogia töörühma soovitused hemogrammi laste referentsvärtuste harmoneerimiseks

Pikta, Marika Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2023 / lk. 24-25 : ill. https://www.estar.ee/record=b4560018*est https://www.elmy.ee/wp-content/uploads/2023/05/Eesti-Laborimeditsiin_mai2023.pdf

Establishing reference intervals for von Willebrand factor multimers

Pikta, Marika; Vasse, Marc; Smock, Kristi J.; Moser, Karen A.; Dievoet, Marie-Astrid van; Lejnice, Sandra; Szanto, Timea; Bautista, Hector; Nouadje, Georges; Banys, Valdas Journal of medical biochemistry 2022 / p. 115-121 <https://doi.org/10.5937/jomb0-31941>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of a new semi-automated Hydragel 11 von Willebrand factor multimers assay kit for routine use

Pikta, Marika; Szanto, Timea; **Viigimaa, Margus;** Lejnice, Sandra; Balode, Darta; Saks, Kadri; Banys, Valdas Journal of medical biochemistry 2021 / p. 167–172 <https://doi.org/10.5937/jomb0-26008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of automated urine sediment analysis for routine use

Pikta, Marika; Jerjomina, J.; Kleinson, I.; Titova, T.; Reitsnik, T. Clinica chimica acta 2019 / art. M066, p. s44
<https://doi.org/10.1016/j.cca.2019.03.101>

Evaluation of DOAC dipstick test for detecting direct oral anticoagulants in urine compared with a clinically relevant plasma threshold concentration

Örd, Lenna; Marandi, Toomas; Märk, Marit; Raidjuk, Leonid; Kostjuk, Jelena; Banys, Valdas; Krause, Karit; **Pikta, Marika** Clinical and Applied Thrombosis/Hemostasis 2022 / 8 p. : ill <https://doi.org/10.1177/10760296221084307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of within-subject variation of VWF multimers assay

Pikta, Marika; Szanto, Timea; Banys, Valdas ISTH 2022 : the 30th Congress of the International Society on Thrombosis and Haemostasis 2022 / art. PB0828 <https://www.eventsphere.net/2022/program/fsPopup.asp?efp=TUZOTFdCREsxNjMz&PresentationID=1079739&rnd=0.134093&mode=presinfo>

Hirudin as the anticoagulant of choice for whole blood aggregometry

Pikta, Marika; Titova, Tatjana; Kleinson, Inge; Dovgi, Jelena; Banys, Valdas Clinical Chemistry and Laboratory Medicine (CCLM) 2023 / s1873 <https://doi.org/10.1515/cclm-2023-7058>

Implementation and verification of new VWF:Ac assay system with components from different manufacturers

Pikta, Marika; Zolotareva, Valeria; Tönnne, Jelena; **Viigimaa, Margus;** Banys, Valdas Laboratorine medicina 2016 / p. 185-188 : ill https://www.researchgate.net/publication/312072535_Implementation_and_Verification_of_New_VWF:Ac_Assay_System_with_Components_from_Different_Manufacturers

Implementation of alternative ristocetin reagent on impedance aggregometry analyzer

Pikta, Marika; Zolotarev, V.; Banys, Valdas Clinica chimica acta 2019 / p. S63-S64 <https://doi.org/10.1016/j.cca.2019.03.141>

Implementation of innovative techniques in the diagnostic work-up of von Willebrand disease = Innovaatiliste meetodite jurutamine von Willebrandi töve diagnostikas

Pikta, Marika 2023 <https://doi.org/10.23658/taltech.38/2023> <https://digikogu.taltech.ee/et/item/99859b1f-55b3-431c-abf6-4ca2c3fab9ca>
https://www.estr.ee/record=b5570874*est

In freezer storage of plasmas for delayed coagulation factors testing does not affect the results

Pikta, Marika; Laane, Edward; Zolotareva, Valeria; Titova, Tatjana; Banys, Valdas Laboratorine medicina 2018 / p. 35
https://www.balm2018.lt/wp-content/uploads/2018/05/Lab_Med_2018_SPEC.pdf

Influence of non-refrigerated urine storage time on stability of urine particles

Pikta, Marika; Kleinson, Inge; Titova, Tatjana; Mishalagina, Polina; Dovgi, Jelena XVII Baltic Congress of Laboratory Medicine, September 5–7, 2024, Vilnius 2024 / p. 34 https://zurnalas.llmd.lt/sites/default/files/leidinys_balm_2024_spec_redagotas.pdf

Investigation of porphyrias : 10-year experience at the North Estonia Medical Centre

Zemtsovskaja, Galina; Pikta, Marika; Borissova, Julia; **Pille, Viive;** Luman, Merike; **Viigimaa, Margus** Eesti Arst 2016 / p. 61
<http://ojs.utlib.ee/index.php/EA/article/viewFile/12917/8000> http://www.estr.ee/record=b4600434*est

Level of plasma coenzyme Q10 in patients on statin treatment

Pikta, Marika; Zemtsovskaja, Galina; Zemtsovski, Mihhail; Duishvili, Davit; Tikhaze, Alla K.; Lankin, Vadim Z.; Viigimaa, Margus Cardiology 2015 / p. 36 <https://www.karger.com/Article/Abstract/431110>

Otseste suukaudsete antikoagulantide (DOAC) adsorbeerimine plasmast *in vitro*

Pikta, Marika; Mettis, Laura Johanna; Örd, Lenna Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2024 / lk. 37-38 : ill https://www.estr.ee/record=b4560018*est

Point-of-care DOAC dipstick test for screening of DOAC in urine

Pikta, Marika; Örd, Lenna; Märk, Marit; Raidjuk, Leonid; Kostjuk, Jelena; Krause, Karit; Banys, Valdas; Marandi, Toomas Clinical Chemistry and Laboratory Medicine (CCLM) 2021 / p. W036 <https://doi.org/10.1515/cclm-2021-5021>

Preclinical evaluation of a semiautomated and rapid commercial electrophoresis assay for von Willebrand factor multimers

Pikta, Marika; Zemtsovskaja, Galina; Bautista, Hector; Nouadje, Georges; Szanto, Timea; **Viigimaa, Margus;** Banys, Valdas
Journal of clinical laboratory analysis 2018 / e22416 : ill <https://doi.org/10.1002/jla.22416> Journal metrics at Scopus Article at Scopus
[Journal metrics at WOS Article at WOS](#)

Qualitative screening of DOAC-induced anticoagulation in emergency clinical situations : abstract

Pikta, Marika; Kütt, Marge; Schneider, Siim; Zolotarjova, V.; **Viigimaa, Margus;** Marandi, Toomas; Arjakse, J.; Banys, Valdas Clinical chemistry and laboratory medicine (CCLM) 2018 / eA303 <https://doi.org/10.1515/cclm-2018-1038>

Real-world data on the use of emicizumab in pediatric patients in Baltic countries

Kovalova, Z.; Morkunaite, A.; Saulyte Trakymiene, Sonata; Banys, Valdas; **Pikta, Marika** Research and Practice in Thrombosis and Haemostasis 2024 / p. 276 [https://www.rpthjournal.org/article/S2475-0379\(24\)00199-7/pdf](https://www.rpthjournal.org/article/S2475-0379(24)00199-7/pdf)

Testing strategy for laboratory monitoring of Hemophilia A patients treated with Emicizumab

Pikta, Marika; Saks, Kadri; Ross, Mariken; Banys, Valdas Clinica chimica acta 2022 / p. S186-S186
<https://doi.org/10.1016/j.cca.2022.04.750>

The metabolic pattern could be used for early detection of stable ischemic heart disease and hypertensive heart disease

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; **Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Samoson, Ago**
Revue d'epidemiologie et de sante publique 2018 / p. S328 <https://doi.org/10.1016/j.respe.2018.05.243>

The metabolic pattern could be useful for better understanding of the etiology of cardiovascular diseases

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; **Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto** 1st Nordic Metabolomics Conference, 26–28 August 2018 Örebro, Sweden : abstract book 2018 / p. 92-93
https://www.oru.se/contentassets/8ce68e72859b49ad9a8bc96acd612f6/program_abstract-book_2018.pdf

The metabolic profile of ischemic heart disease patients with or without previous MI by serum 1H NMR is similar

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; Pikta, Marika; **Zemtsovskaja, Galina; Shin, Min-Ji; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 47-48
http://www.esther.ee/record=b4819912*est

The metabolic profile of ishemic heart disease by serum 1H NMR

Shin, Min-Ji; Titma, Tiina; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; **Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** 2017 Annual Meeting : abstract supplement : late-breaking abstract submissions : 2017, Baltimore 2017 / p. 154 <https://www.toxicology.org/pubs/docs/Tox/2017ToxSup.pdf>

The metabolic profile of stable ischemic heart disease by serum 1H NMR

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago Applied magnetic resonance 2019 / p. 527–539 : ill <https://doi.org/10.1007/s00723-018-1084-0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Von Willebrand factor multimeric assay in acquired von Willebrand disease diagnosis : a report of experience from North Estonia Medical Centre

Pikta, Marika; Banys, Valdas; Szanto, Timea; Joutsi-Korhonen, Lotta; Vaide, Ines; Varik, Mirja; Lehtinen, Anna-Elina; Giangrande, Paul; Laane, Edward Journal of laboratory physicians 2021 / p. 195-201 <https://doi.org/10.1055/s-0041-1730818>