lo						Contextualisation of the Estonian national guideline "Pre- and post-exposure prophylaxis of HIV infection and treatment of people living with HIV" (2019) S			Strength of
ĺ	Question (original)	Evidence source(s)	Recommendation(s)	Strength of recommendation, certainty of evidence	Question	Evidence source(s)	Local considerations	Recommendation	recommendation, certai of evidence
	Should oral PrEP (containing tenofovir) be used for preventing HIV infection among people at substantial risk of HIV infection?	WHO. Consolidated guidelines on the use of antiretroviral drugs for treating and preventing HIV infection. Recommendations for a public health approach - second edition, WHO; 2016	Oral pre-exposure prophytaxis (PEF) containing TDF should be offered as an additional prevention choice for people at substantial risk of HIV infection as part of combination HIV prevention approaches	Strong recommendation, high-quality evidence	Should onal pre-exposure prophylades be offered in addition to standard prevention memods (ie, condom) for people at substantial risk of HIV infection? In Estoniam: Kas inimestel, Kellet on olutine HIV nakatumbe risk, peaks HIV nakatumbe våhendambieks kasutama lisaks tavapårastele enneussmeetmetele PFEP viol mitte?	WHO. Consolidated guidelines on the use of antiretovirial drugs for treating and preventing HIV intection. Recommendations for a public health approach - second edition, WHO; 2016 Additional evidence from updated systematic literature search using WHO 2016 original search strategy	Because of high cost, PrEP has not been accessible in Estonia. Due to generics entering the market, the availability is expected to increase considerably	Oral pre-exposure prophylaxis should be offered in addition to standard prevention membods (ie., condom) for people at substantial risk of HIVI ViteCare. In Estimate: Inimestike, kel on olutine HIVI-nakatumise riska, soovitage nakatumise vältimiseks tisaks tavapärastele annetusmeetmetele (kondomik kasutamine) kia PEP-I	Strong recommendation, high-quality evidence
	(P) Individuals with exposure that has the potential for RPV transmission. In PPV trans	"WHO. Consolidated guidelines on the use of antieterowal drugs for treating and preventing HV infection. Recommendations for a public health approach: second edition, WHO. 2016 "WHO. Updated recommendations on first-line and second-line antieteroward regimens and post- eposure prophylade and recommendations on early Infant diagnosis of HV. WHO. 2018	Overall An HIV post-exposure prophylasis regimen with two ARV drugs is effective, but three drugs are preferred Adults and adolescents TDF + 3TC (or FTC) is recommended as the preferred backbone regimen to thirty post-exposure prophylasis DTG is recommended as the preferred third drug for HIV post-exposure prophylasis When available, ATVV, DRVV, LPVV and RALI may be considered as attemptive third drug options for post-exposure prophylasis?	Conditional recommendation, tow-certainty evidence Strong recommendation, tow-certainty evidence Strong recommendation, tow-certainty evidence Conditional recommendation, tow-certainty evidence Conditional recommendation,	Should PEP be recommended for people at risk of HIV lifection after exposure? Be Sebalian: Kas interestel, kelled on kokkupuute järgeld olutine HIV näkälumine mik, peaks HIV näkälumine vättine eist kasutama PEP ivoi mitte?	WHO. Consolidated guidelines on the use of antiestoviral drugs for testing and preventing HV interior. Recommendations for a public health approach—second edition, WHO. 2016 finals components) WHO. Updated recommendations on first-the and second-line addressive all approach and post-exposure prophysicals and excellent and approach one early shafted diagnosis of HV. WHO. 2018 [preferred active substances] Additional evidence from updated systematic literature search using WHO 2018 guideline original search strategy Additional evidence from systematic literature search related to PEP effectiveness		TDFFTC - RAL, TDFFTC - DRV/In() or TDF/FTC - DTG is recommended for HIV post-exposure prophyliside (FET) for people at fink of HIV intercent. HIV FET post-under extended to a size of the	Strong recommendation, tow-certainty evidence
	In treatment naive adults and adolescents with HIV is using a regimen of 2 NRTIs with an INSTI compared to 2 NRTIs with elavirenz as first line ART more effective?		First-line ART for adults a should consist of two nucleoside reverse- transcriptase inhibitors (PRTIs) plus a non-nucleoside reverse- transcriptase inhibitor (PRTII) or an integrate inhibitor (IRSTI) TDF+3TC (or FTC)+EFV as a fixed-dose combination is recommended as the pretend option to initiate ART ITTDF+3TC (or FTC)+EFV is contraindicated or not available, one of the following attendant properties as recommended: -AZT-3TC-EFV -AZT-3TC-EFV -TDF-3TC (or FTC)+TNCP TDF-3TC	moderate-quality evidence Strong recommendation, moderate-quality evidence	in treatment naive adults with HIV is using a regimen of 2 NRTI's INSTI compared to 2 NRTI with elavieron as first line ART more effective? In Estabilian: Kat avanahavated HIV-postavated lakutel on eximese rea avis effektivsem 2 NRTI + INSTIGa viú 2 NRTI + edavienz?	WHO. Consolidated guidelines on the use of antiretroviral drugs for testing and preventing HV Mercton. Recommendations for a public health approach - second edition. WHO, 2016 Additional evidence from updated systematic iterature search using WHO 2016 guideline original search strategy WHO. Systematic literature review and network meta-analysis to assess feat-like ART resertants to inform the WHO consolidated ARV guidelines. Technical Report. WHO; 2019	Due to the size of the market, active substance specific recommendations are not possible in Estonia. Aff is covered by the Estonian provement, procured by the Estonian Health insurance Fund and is free of charge to people living with FUT he GDC also considered the results of the cost effectiveness of ART in the health technology assessment (HTA) report	First line ART should consist of two NRTIs + INSTI In Estionian: NIV-positivere initial water ARV-ovi esmakordsel alustamisel kasutage kombinatsioon/2 /NRTI + INSTI.	Strong recommendation, moderate-quality evidence
	In individuals with HIV on ART does an integrase inhibitor-containing regimen compared to a non-integrase inhibitor-containing regimen result in lower incidence of toxicities?	WHO, Consolidated guidelines on the use of antitertoviral drugs for treating and preventing HIV intection. Recommendations for a public health approach - second edition. WHO; 2018	Countries should discontinue GAT use in first-line regimens because of its well-recognized metabolic toxicities	Strong recommendation, moderate-quality evidence	In Individuals with HTV on ART does an INST1-containing regimen compared to a non-HST1-containing regimen results in lower incidence of adverse effects? In Esteniam: Kan HTV positivated in laurul, he as award MST1-tabaldowst ARV awar, on I lith- ip pikaspital kinvatromed valvem vorreides INST1-t millte situaldavate avsikecemidega?	WHO. Consolidated postelines on the use of antentivous drugs for beauting and preventilly life Verfeton. Recommendations for a public health approach—second edition. WHO, 2016 Additional widelene from updated systematic literature search using WHO 2016 guideline original search strategy. WHO. Systematic literature review and network meta-analysis to assess fast-like ART treatments to into mit beWHO consolidated ARV guidelines. Technical Report WHO, 2019		No recommendation against any active substance was given	NA
ŀ	For individuals with HIV on antietrovial treatment, do regimens with fixed-dose combination ARVs compared to non-fixed-dose ARVs result in better adherence?	WHO. Consolidated guidelines on the use of antestrovial drugs for treating and preventing HIV intection. Recommendations for a public health approach - second edition. WHO; 2016	Fixed-dose combinations and once-daily regimens are preferred for antierboviral therapy	Strong recommendation, moderate-quality evidence	For inclividuals with HIV on ART, do regimens with fixed-dose 1 tablet a day compared to non-fixed-dose 2.3 tablets a day result in better adherence? In Establanic Xis Tilly-positivenet ARV are asward in Saviet trapp purema avaluatience in Establanic XII asward in Saviet trapp purema tabletir pievas avvisiteem?		negatively impacted more in case tablets are taken more	Once-daily regimens are preferred for antivetoviral therapy In Estendar. ARI -an imakambel eelistrage kord plevas manustatiavaid ravimed miliu korda päevas manustatiavatele ravimitetie.	Strong recommendation, low-certainty evidence
	In individuals with HIV who have been on ART for 12 months and have achieved viral suppression is measuring viral load every 6 months compared to every 12 months more effective?	WHO. Consolidated guidelines on the use of antietrovirial drugs for treating and preventing HIV infection. Recommendations for a public health approach – second edition. WHO; 2016	Routine viral load monitoring can be carried out at 6 months, at 12 months and then every 12 months the eather if the patient is stable on ART to synchronize with routine monitoring and evaluation reporting	Conditional recommendation, very low-quality evidence	In individuals with HIV who have achieved visit suppression is measuring visit load every 6 months compared to every 12 months more effective? In Estimater, Kasi HIV possible-self sikurial, Jestier on ARV range associated visites suppressioon, on bitemuslikum HIV-1 VI. määramine 6 kuu vol 12 kuu järe?	WHO. Consolidated guidelines on the use of antiretroviral drugs for testing and preventing HW infection. Recommendations for a public health approach recond edition. WHO, 2016 Updated systematic literature search using WHO 2016 guideline original search strategy was performed, however, no additional evidence was dentified.	The GDG considered that regular monitoring may decrease risk of treatment resistance, increase early detection of dring adverse effects and interactions with other medications, and improve adherence and disease awareness	Routine visal load monitoring can be carried out every 6-12 months in poople who have achieved viral suppression Ins Estendian: HIV-positioned is Restord. Not on ARV-range sawurtatud viruse suppressioon, mikinske HIV-VI, gar 6-12 kuu järel	Conditional recommenda very low-quality evidence
	Not asked in WHO HIV guidelines	. NA	NA.	NA.	What are the generally accepted criteria to define viral failure and switch teatment? In Estendare. Kan on kindled interestumid ANV and eboonnestumine hand amade, it part vahelamiseks 1967-positivaseid ANV and savardel al	Evidence from a systematic literature search related to viral failure	Repeated HIV RNA levels above detection may indicate beatment resistance and increase risk of HIV transmission	Generally accepted criteria to define viral failure have not been agreed. Treatment adherence, adverse effects, interactions (stury drug, drug, drug chord) tool and psychosocia status should be assessed if HV MPA in detection but below 200 copiemit. In most cases, treatment swith is swatch in HV MPA. So 200 copiemit and multiple assessments. In Estonian: Ravi velologitise elabornestumise defineremises, in Estonian: Ravi velologitise elabornestumise defineremises pundurvad Krahdu detreminuis. Xxi HV MPA on tile tubori maliaramispirit, kuist vilmem kui 200 koopist /ml, hinnake velorostumisus, ktori-ui paostomiser general-uisen, araim-toolj easnemat ning psinhosotisausked problemen. (flight) tei olie avi valvetamine vigalik. Kuist VPAN on kootischer Soriam-davin, araim-toolj easnemat ning psinhosotisausked problemen. (flight) tei olie avi valvetamine vigalik. Kuist VPAN on kootischer Soriam-davin, araim-toolj oraiment of the soriamine soriamine soriamine soriamine soriamine soriamine maliamine todas endre older estetettiss ja kalulge mit valheramine.	Strong recommendation, very tow-quality evidence
	NNRTI-based regimen is switching to DRV/r containing regimen equivalent compared to an ATV/r or LPV/r containing regimen?	WHO. Systematic Review to inform the World Health Organization Consolidated Antietroviral Therapy Guidelines: Which ART regimen to switch to when failing first-line treatment. WHO; 2019	NA.	NA.	In adults with HIV who are falling an NNRTI-based regimen is switching to DRV/r containing regimen compared to an ATV for LPV/r containing regimen or ZNRTI – DIG more effective. In Estimate: Xas NNRTI poline ravi etablinnessiumited on efektivisem teise an arviala DRVV ATV ATV VIV LPV viv di Uleminek kahe tolmesinega ravite PI + INSTI VIG Lideminek 2/RRTI + DTG?	WHO. Systematic Review to inform the World Health Organization Consolidated Antiretroviat Therapy Guidelines: Which ART regimen to switch to when falsing first-line treatment: WHO; 2019 Additional evidence from clinical trisks assessing active substances not included in the WHO systematic review	Resistance testing is available for all HIV patients in Estonia. Due to the size of the market, active substance specific recommendations are not reasonable in Estonia	If NNRTI based treatment fals, switch treatment using at least two, prefably three active substances based on results from resistance testing in Estimate. White fall the same that the same treatment mustre saviskeem!, saxuage viberant stank, existant it form aktived to timeainet vastawalt resistent sustessit tulernusele.	Strong recommendation, moderate-quality evidence
	Do less frequent clinic visits compared to monthly visits have comparable programme and patient outcomes? Does less frequent pickup of ARV, CTX, or IPT compared to monthly pickup have comparable programme and patient outcomes?	WHO. Consolidated guidelines on the use of antietrovival drugs for treating and preventing HIV infection. Recommendations for a public health approach - second edition. WHO; 2016	Less frequent clinical visits (3–6 months) are recommended for people stable on ART Less frequent medication pickup (3–6 months) is recommended for people stable on ART	Strong recommendation, moderate-quality evidence Strong recommendation, low-quality evidence	Do less than once per month clinic visits and medication pickup compared to once per month have comparable teatment outcome is in people with HIV on ART? In Estandam: Kas HIV positiveed: ART vari saavate isäsute artikülastused ja varihe väljästah haven kui üks kord kuus annab sama hea ravhulemuse kui üks kord kuus?	WHO. Consolidated guidelines on the use of antieteoviral drugs for treating and preventing HVI infection. Recommendations for a public health approach - second edition. WHO; 2016 Updated systematic literature search using WHO 2016 guideline original search stategy was performed, however, no additional evidence was detertified.	Waiting time for HIV specialists' appointments are relatively short in Estonia. If a patient misses an appointment, they are contacted by the HIV claic.	Clinical visits every 6-12 months and medication pickup every 3-6 months are recommended for people stable on ART who have achieved virial suppression in Estonian: Poisivalt suppressentled viriuskoommusega ARV-rawli oberatele Hilly positivated lei Rikurele soovitage ansti visiti iga 6-12 kuu järel, ja rawimte välijastust 3-6 kuu järel.	Conditional recommenda very low-quality evidence
	Which interventions improve retention in HM care? Which interventions improve adherence in HM care?	WHO. Consolidated guidelines on the use of indeterious drugs for treating and preventing HV indection. Recommendations for a public health approach - second edition. WHO; 2016	Programmes should provide community support for people living with HM to improve retention in HM case. HM to the following community-level littleventions have demonstrated benefit in improvement in case: - package of community-based interventions - adherence cubes - adherence cubes - ordina care for high-risk people	Strong recommendation, tow-quality evidence very tow-quality evidence moderate-quality evidence very tow-quality evidence	Which interventions improve adherence and relention in HIV car? In Elsinolate: Milliage meetined parandovad ravi kuulekust ja ravil püisimist HIV positiivsetel siikutel?	WHO. Consolidated guidelines on the use of antirebrownal drugs for treating and preventing HM Infection. Recommendations for a public health applicable -second edition. WHO; 2016 Additionable -second edition. WHO; 2016 Additionable -second edition of the second edition of the second edition of the whole of the second edition of the second edition of the second edition of second ed	There is relevant clinical operience with directly observed ART in Estonia.	The following interventions are recommended for improving adherence and retention in case: — psychosocial and etention in case: — psychosocial and etentions — directly observed ART combined with psychosocial interventions of Estimates. President psychosocial interventions are Estimates proceeding psychosocial interventions are psychosocial interventions. Psychosocial interventions psychosocial interventions psychosocial psychosoci	Strong recommendation, tow-quality evidence