

### Ayudiiru doomu jángoroy SIDA

Virus doomu jángoro la. Bidi SIDA ño gi koy wowé VIH. doomu jángoro menul jur mom kepp. Ngir mu jur dafay dugg ci benn celul wáll ko buko defé mu tambali jur yenenn doomu jángoro ji. Bu doomu jángoro bi néewul c benn celul bu , da ñu kay woowé virion, benn membrane wala donj bikaay ar bu am si biram ay protein virale, si lolu mu am bepp informacion bumu soxla giir jur yeneen virus yu mene moom.

Doomu jángoro ji ñaari pacc la:yenn yi mbubbo donj bi ñu tudde ADN,yeneen yi mbubbo donj ARN ño ki lenn tudde retrovirus (com bu doomu jángoroy SIDA) ci ayudiiram dafay soppeli ARN def ko ADN.

#### Donj bi tudd entrada si biir celul bi

Ci luñu rañe,virus(doomu jángoro)daño tamu ay celul yuñiy wáll.doomu jángoro SIDA moom dafay tamu celul yu mel ne golobul yu weex yi,manaam yu am seni biir molecul buñu tudde CD4.CD4 yi ñogi nekk si yenn jomtukaay yiy ar ci bepp doomu jángoro,ñu gen lenn xamé ci celul T ak celul (macrofage) yiy wër ci deret ji ak yaram wi di lekk bepp microb.

Doomu jángoro SIDA daay lékkélente ak CD4 ci dimbelu doomu jángoro ji ñuy dákkantalé gp120.doomu jángoro gi su lékkélé ak CD4, dafaay taffu ci yi delul ñu dákkantalé CCR5 ak CXCR4 giir lékkélem matt.

Garab yi ñu defaar giir doomu jángoroy sida ci ayudiiru laay deffé ligéeyam.ñaari garab dong ñoy deff gi ligéey mooy:maraviroc (Celsenti®), di xeex CCR5, ak T-20 (Fuzeon®), di xeex lékkélo gi.

#### Donj transcripción inversa

Bu lékkélo gi nekké ba noppi lu nekk ci biir virion(ARN ak donj) day dugg ci celul bi am feebar gi,donj transcripase inversa doomu jángoro ji soppi ARN def ko ADN.

ci ji ayudiir,ñaari garab anti-virus mo am ñu xame lenn(garab yi tëye transcriptasa inversa):

1.Garab gi tëye donj bi tudd transcriptasa inversa te mel ni nucléosido/nucléotido [ITINN]: 3TC (Epivir®), AZT+3TC (Combivir®), FTC (Emtriva®), abacavir+3TC (Kivexa®), abacavir+3TC+AZT (Trizivir®), tenofovir (Viread®), tenofovir+FTC (Truvada®), ddl (Videx®), d4T (Zerit®), ABC (Ziagen®) y el genérico Zidovuda. Atripina contiene Truvada® (y Sustiva®).

2. Garab gi tëye transcriptasa inversa bi melul ni nucleosido [ITINN]: etravirina (intelence), efavirenz (Sustiva®) y nevirapina (Viramune®). Atripla contiene Sustiva (y Truvada®).

#### Dimbelu donj integrasa

ADN gi juddo ci ARN celul buñu wáll ak ndimbël donj gi di integrasa. dina taax ba doomu jángoro jángale celul bi numuy deffare yenenn doomu jangoroy sida. Benn garab rek am giir xeex li,raltegravir (Isentress®).

#### Soppeku doomu jángoroy gi

Ci gi ayudiiru celul bi day noppi giir deffar yenenn doomu jángo ji ndax am na informattion yëpp ADN doon ARNm. ARNm buñuy am taax na ba kenn amul garab guy xeex doomu jángoro gi si ji ayudiir. (ARNm bi dafay def celul bi mu mënë defar lu gudd ci ay bum yuy dundël doomu jángoro ji.)

#### Lékkélu doomu jángoro SIDA

Lii ñu nan protease di benn ndoxu doomu jángoroy sida dafay tékkéle proteine yi def ko gënë ndaw: Ñaari ligéey la proteine yi am: Yenn soppeliku donj yenenn yi lékkélo ak doomu jangoro gi giir jur seni morom.

Garab antirretrovirales yu ñu xam com garab yoyuy tëye protease bi(IP), dañu lenn defaar giir baañ proteine yi tékkélo, aki di baañ tamit yenenn doomu jángoro ji juddo. Garab yuy tëye protease bi ñooy: tipranavir (Aptivus®), indinavir (Crixivan®), saquinavir (Invirase®), lopinavir+ritonavir (Kaletra®), ritonavir (Norvir®), darunavir (Prezista®), atazanavir (Reyataz®), fosamprenavir (Telzir®) y nelfinavir (Viracept®).

#### Xaaji liko jángoro ji

Doomu jángoro gi bees gi dafay genn ci celul bi yobbale ay proteine.doomu jángoro gi giir mu lékkélo ak CD4 dafay soxla yoyu proteine.

Si lolu yenenn doomu jángoro gi da ñuy taxaw giir wáll yenenn celul.

Ba fi ñuy waxe amul garab bu tew si gi ayudiir wayé yagui si di seet.way ci ay seet ñañu nek giir xeex xaaji liko jángoto ji ci ayudiir.