LONG-ACTING FORMS OF HIV PREVENTION

For some people, long-acting forms of HIV prevention may be more desirable than a daily pill.

HIV prevention today — and in the future.

Taking an oral dose of the medication Truvada once a day, every day can prevent HIV infection.

NIAID-funded researchers are developing and testing alternative HIV prevention products that could be inserted, injected, infused or implanted from ONCE A MONTH... ...TO ONCE A YEAR in people who commit to use the products on an ongoing basis.

NIAID is funding research on 4 types of long-acting HIV prevention.

**INTRAVAGINAL RING (IVR)**
- Polymer ring inserted into the vagina releases antiretroviral drug over time.

**IMPLANT**
- Device implanted in the body releases antiretroviral drug over time.

**INJECTABLE**
- Long-acting antiretroviral drug is injected into the body.

**ANTIBODY**
- Antibody is infused or injected into the body.

How many products are under investigation?

- dapivirine IVR (MTN 034/REACH clinical trials)
- tenofovir IVR (ICONAD)
- Truvada IVR (Oak Crest Institute of Science)
- cabotegravir (HPTN 077, 083 & 084 clinical trials)
- dolutegravir (University of North Carolina)
- tenofovir alafenamide (Oak Crest Institute of Science)
- tenofovir alafenamide & emtricitabine (Houston Methodist Research Institute)
- CAP254V2LS (NIAID VRC & CAPRISA)
- N4L5 (VRC 609 clinical trial)
- PGT121.414.LS (NIAID)
- Sanofi trispecific antibody (NIAID VRC & Sanofi)
- VRC01 (AMP Studies, HVTN 116 & IMPAACT P1112 clinical trials)
- VRC01LS (HVTN 116 & IMPAACT P1112 clinical trials)
- VRC07-523LS (VRC 610, HVTN 127/HPTN 087 & IMPAACT P1112 clinical trials)
- VRC01LS (HVTN 116 & IMPAACT P1112 clinical trials)
- N6LS (VRC 609 clinical trial)
- PGT121.414.LS (NIAID)
- Sanofi trispecific antibody (NIAID VRC & Sanofi)
- VRC01 (AMP Studies, HVTN 116 & IMPAACT P1112 clinical trials)
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At what stage is this research?

Design and development
- Manufacturing & safety studies
- Human studies

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