# Tenofovir Alafenamide / Elvitegravir Fast Dissolving Inserts

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# TAF/EVG Inserts in brief



### Why TAF/EVG Inserts? What gaps does it fill?

**Value Add**: Provides HIV and Herpes (HSV) prevention option for end-users who:

- ✓ Have infrequent or clustered sex, or
- ✓ Only want to use an anti-retroviral (ARV) product around the time of sex
- ✓ Don't want to take oral PrEP or other systemic or long-acting ARV medications

#### **Added Benefits**

- Fast dissolving materials are generally recognized as safe (GRAS)
- + Stored at room temperature, suitable for limited-resource clinics
- + Easy to manufacture at large scale and low cost
- Release of ARVs where and when it's needed resulting in local drug exposure (not to the whole body)
- Easy and painless to insert with a finger, and leaves no residue after quickly dissolving
- + Pre- or Post-exposure protection when you need it most

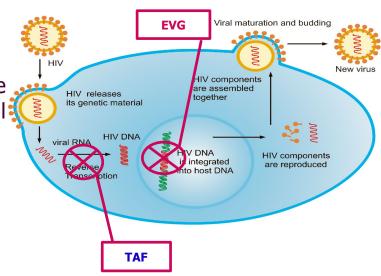


## How does it stop HIV?

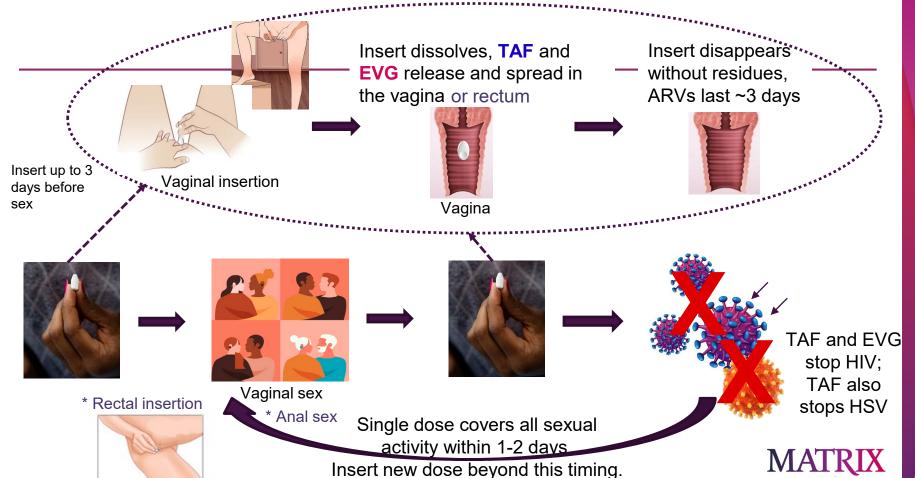
 Each insert contains 2 ARVs that work together to stop HIV from establishing infection

> If HIV enters a human cell, TAF blocks the HIV virus from replicating and making viral DNA copies

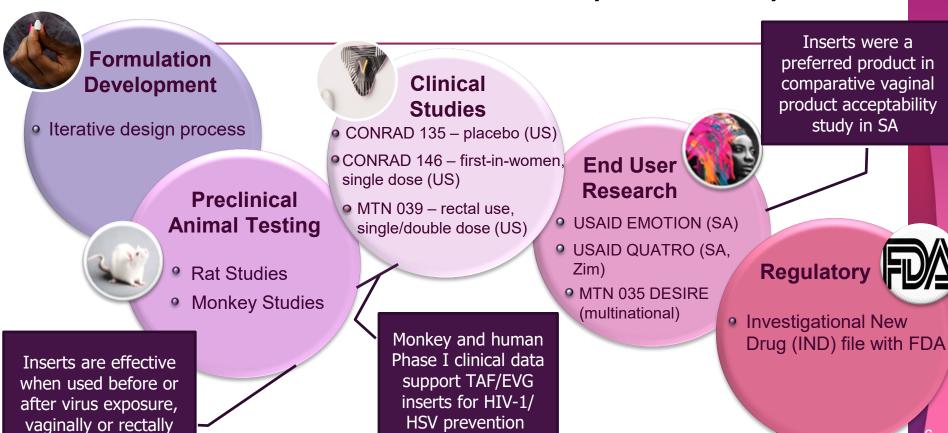
- Should a viral DNA still get into the cell's nucleus, EVG prevents it from integrating into the DNA of the host cell
- This "one-two punch" is why the TAF/EVG combination offers both preand post-sex protection



#### How do the inserts work?



#### Studies Conducted to Date and Key Takeaways



# Next steps and key questions to address

Are the inserts safe and acceptable to women after multiple vaginal doses?

What is the market demand for these ondemand inserts?

What regulatory input can we obtain to support future Phase II trial design and clinical development plan?

#### 2022

 Insert & Packaging Manufacturing



MATRIX-001
 Phase I Trial
 Ist in Africa
 (US, Kenya, SA)



Marketanalysis









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