

Treatment update 2017: new drugs, cure and PrEP

The logo for i-base, featuring the text "i-base" in a white, lowercase, sans-serif font, centered within a solid black rectangular background.

Simon Collins

HIV i-Base

www.i-Base.info

Key areas

HIV i-Base

- Overview

New drugs and a cure:

20 mins

- HIV research pipeline
- When will we have a cure?

PrEP if you are positive:

10 mins

- What's in it for us!

HIV i-Base

Treatment information project

- Peer-led Q&A service:
Phoneline, email and web ~ 6000/year
- Non-technical guides – free to clinics
- Technical bulletin – HTB every 2 months
- Activist network – www.UKcab.net
- www.i-Base.info

Choice of delivery

If the mother's viral load is undetectable on ART, UK guidelines recommend vaginal delivery. In other circumstances a planned Caesarean is preferred, particularly in an emergency.

Protecting and ensuring the mother's health

Your own health and your own treatment are the most important things to consider for ensuring a healthy baby.

Adherence

It's important to take your medicine every day. If you miss a dose, take it as soon as you remember. If you miss more than one dose, ask your healthcare professional for advice.

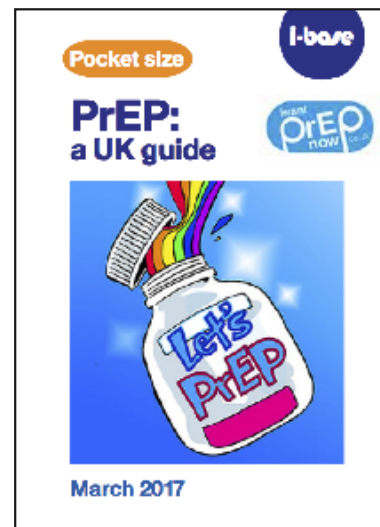
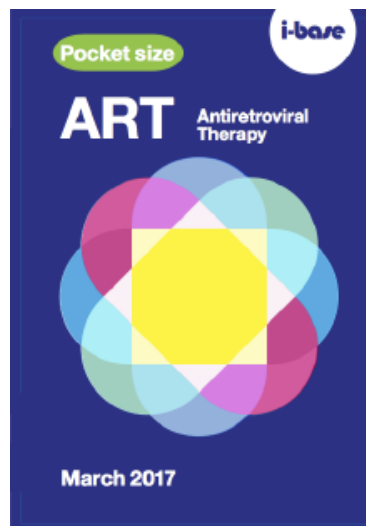
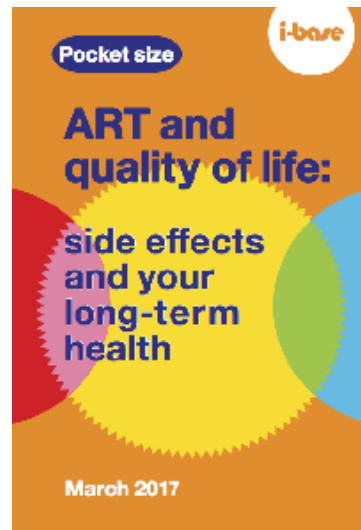
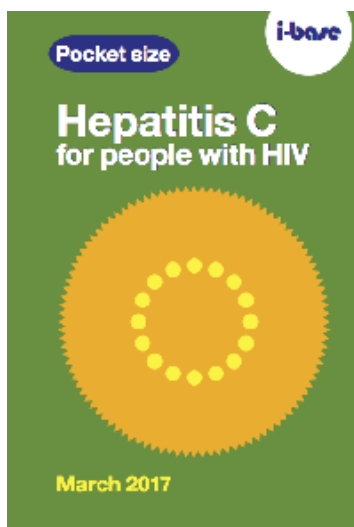
Feeding your baby

HIV can pass on to your baby through breast milk.

Notes for your next visit

For the free 56-page booklet please call 020 7407 8488 or order online. We can answer questions by phone 0300 800 0010 or by email or online.

Pocket size HIV and pregnancy



**questions@
i-Base.org.uk**

www.i-Base.info/qa

0808 800 6013

**take
control
of your
treatment**



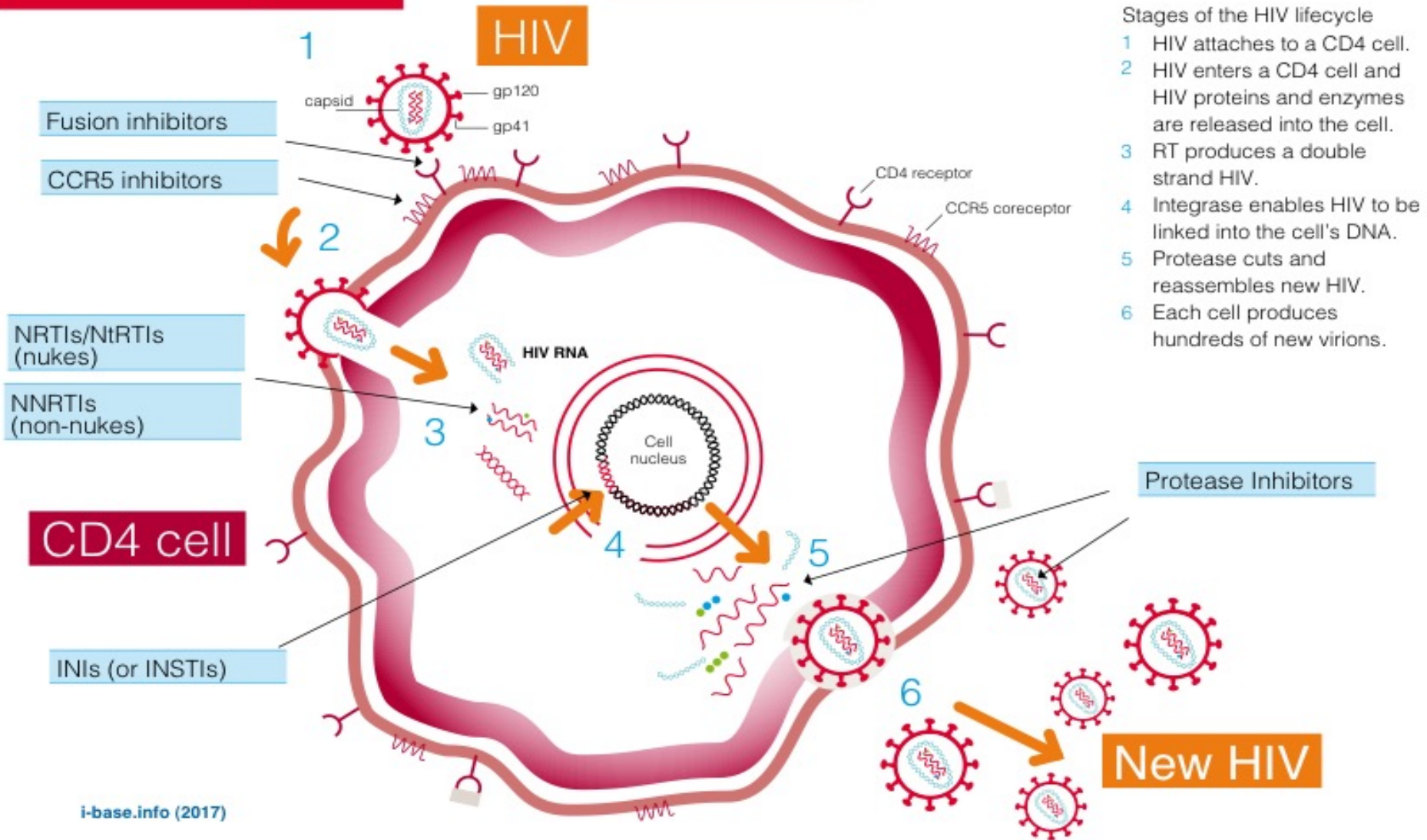
**ask a
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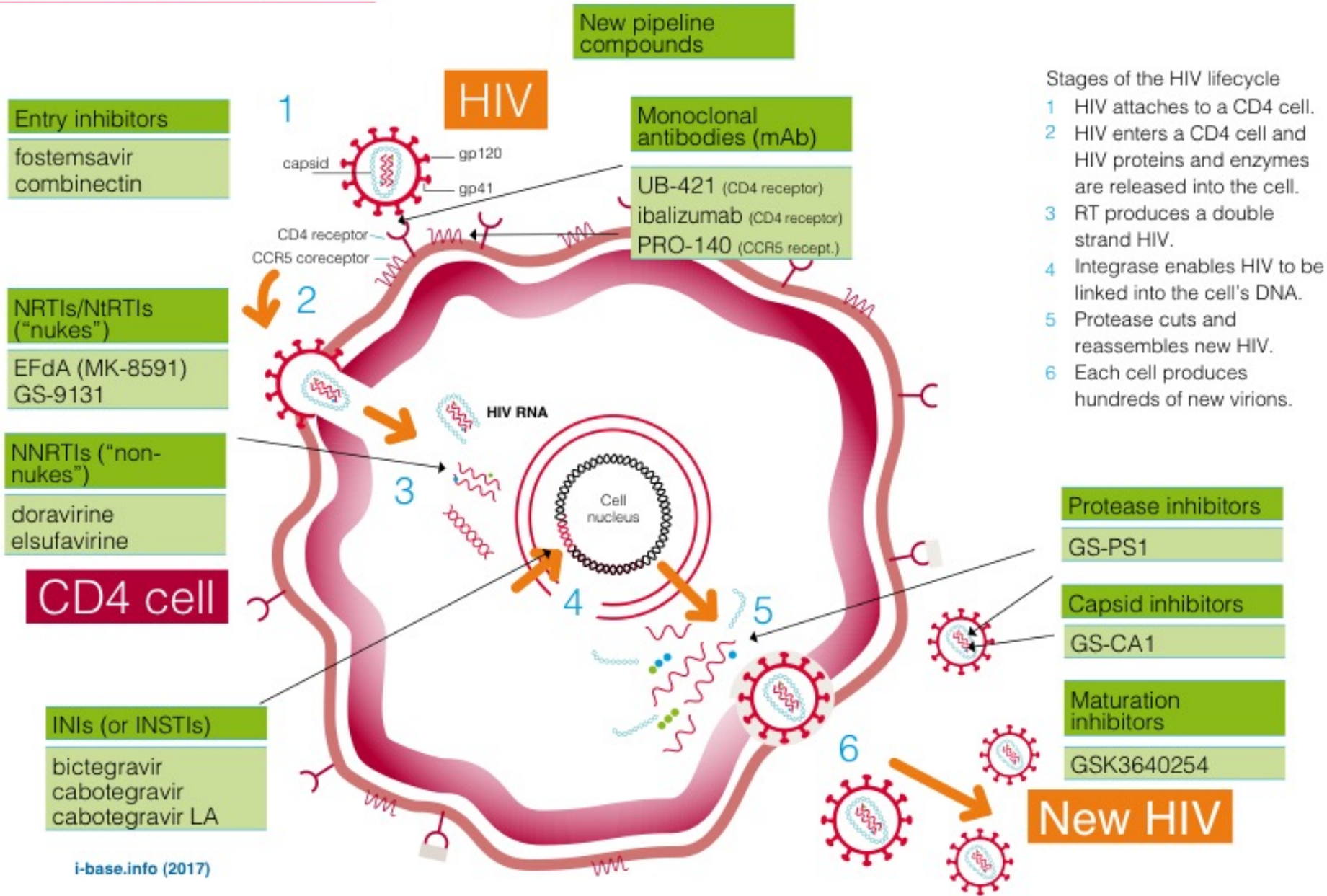
New HIV drugs

- Recent drugs
 - dolutegravir (Triumeq)
 - TAF (Descovy, Odefsey, Genvoya)
- Next: bictegravir, doravirine, EFdA?
- New classes/formulations:
 - long-acting injections
 - monoclonal antibodies (mAb)
 - maturation inhibitors
 - capsid inhibitors

The HIV lifecycle

Existing classes





New drugs: generics

- 65% to 85% of all NHS prescriptions.
- Principal of NHS care (and survival).
- Change in understanding of HIV.
- Change in relative priority of HIV.
- Every ARV will still be available.
- Options and choices?
- A pint for £10 vs 2 half-pints for £1?

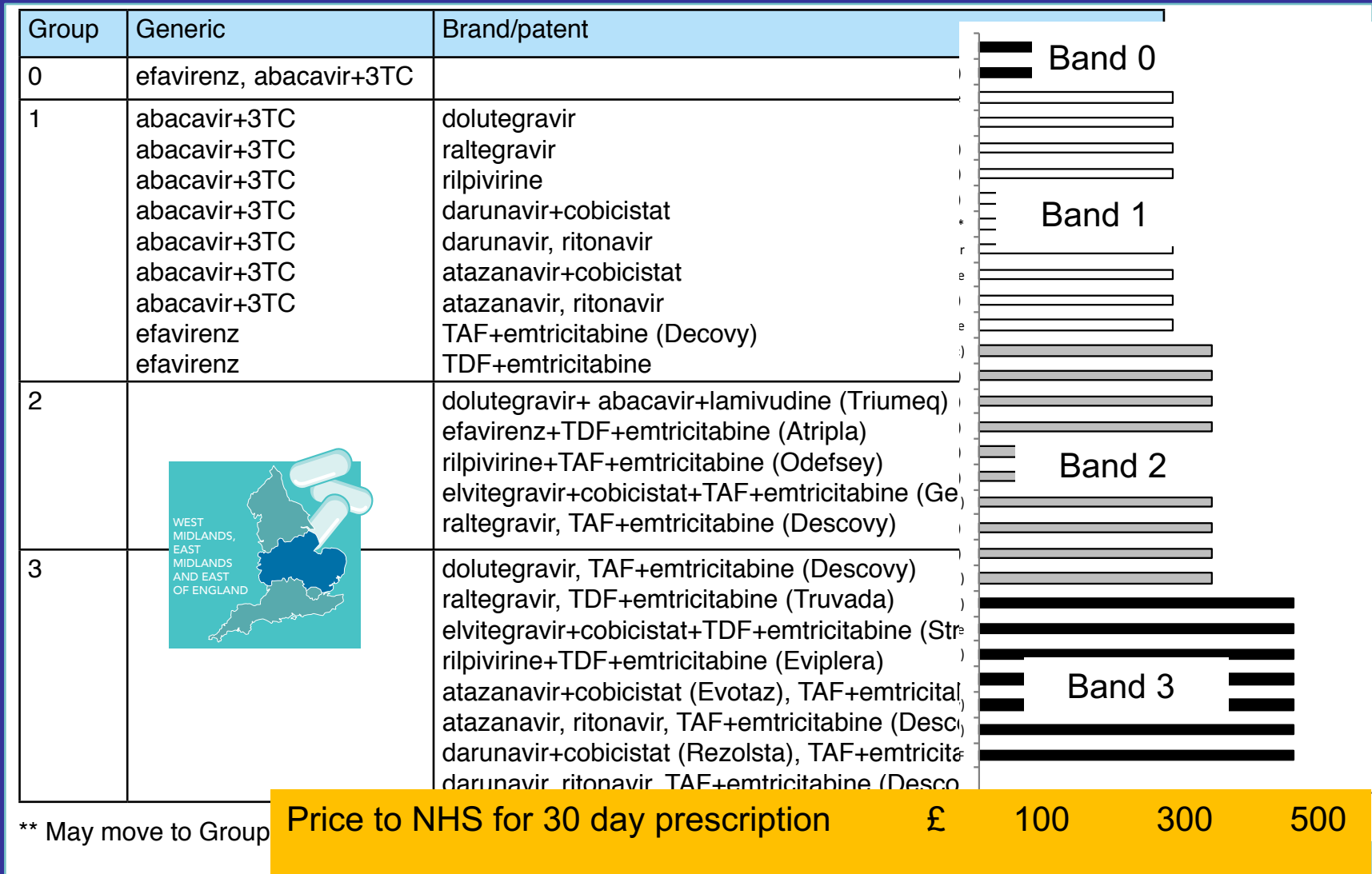
Drug cost and NHS access

Group	Generic	Brand/patent
0	efavirenz, abacavir+3TC	
1	abacavir+3TC abacavir+3TC abacavir+3TC abacavir+3TC abacavir+3TC abacavir+3TC abacavir+3TC efavirenz efavirenz	dolutegravir raltegravir rilpivirine darunavir+cobicistat darunavir, ritonavir atazanavir+cobicistat atazanavir, ritonavir TAF+emtricitabine (Descovy) TDF+emtricitabine
2		dolutegravir+ abacavir+lamivudine (Triumeq) ** efavirenz+TDF+emtricitabine (Atripla) rilpivirine+TAF+emtricitabine (Odefsey) elvitegravir+cobicistat+TAF+emtricitabine (Genvoya) raltegravir, TAF+emtricitabine (Descovy)
3		dolutegravir, TAF+emtricitabine (Descovy) raltegravir, TDF+emtricitabine (Truvada) elvitegravir+cobicistat+TDF+emtricitabine (Stribild) rilpivirine+TDF+emtricitabine (Eviplera) atazanavir+cobicistat (Evotaz), TAF+emtricitabine (Descovy) atazanavir, ritonavir, TAF+emtricitabine (Descovy) darunavir+cobicistat (Rezolsta), TAF+emtricitabine (Descovy) darunavir, ritonavir, TAF+emtricitabine (Descovy)

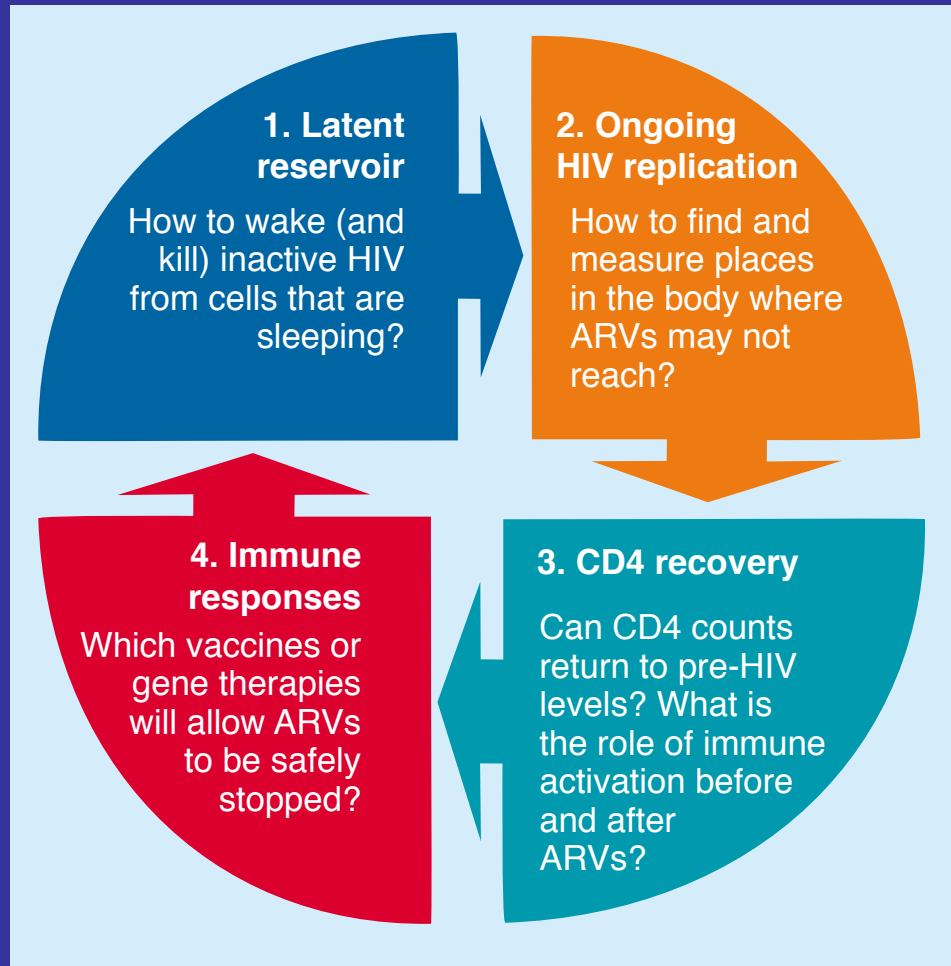


** May move to Group 1

Drug cost and NHS access



When will we have a cure?



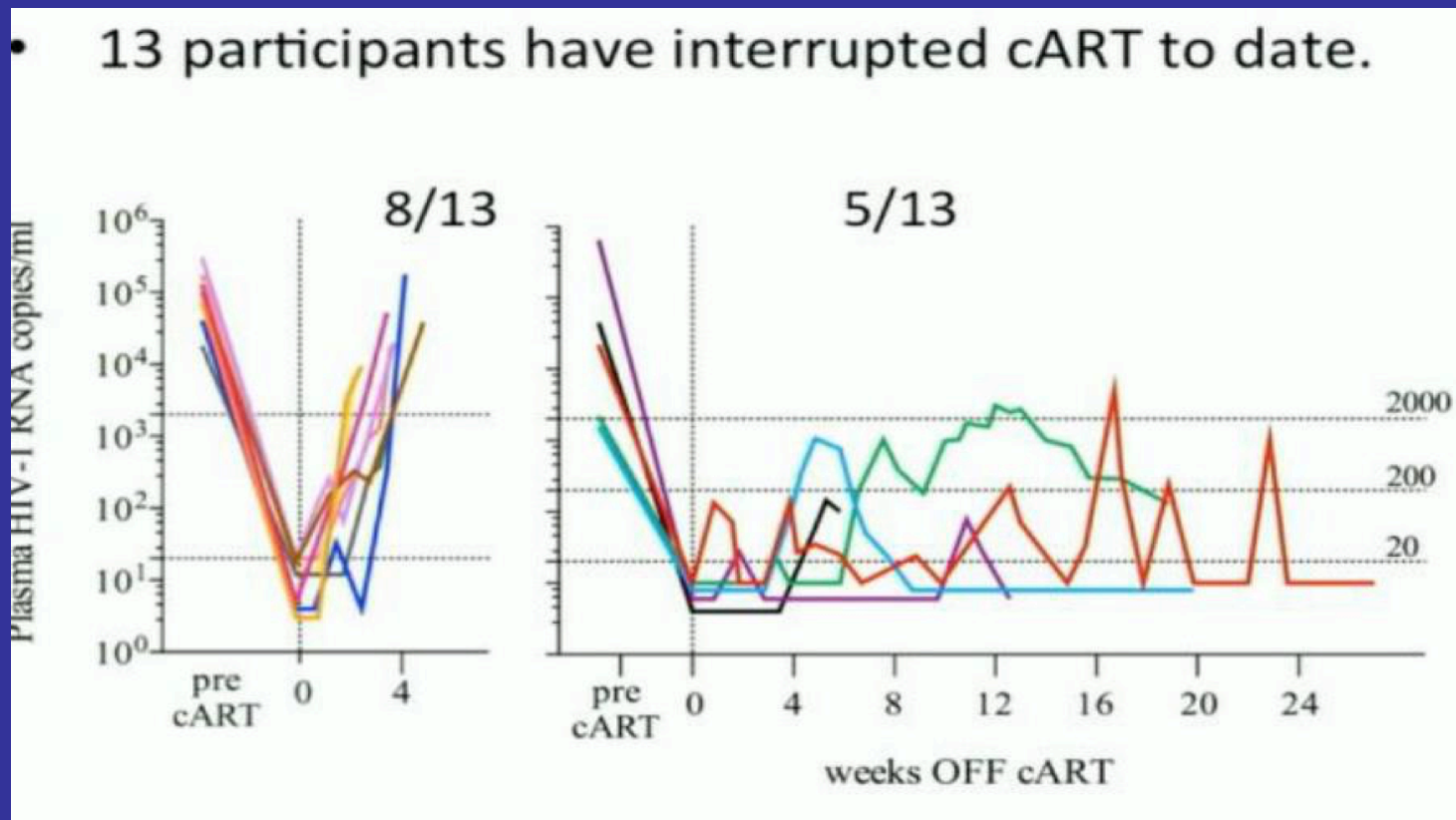
Combination
cure...

Beatriz Mothe et al

- Roll-over study from dual vaccine
- n=24, ART within 3 mo of infection
- 15/24 boost vaccine + 3 x romidepsin infusions (HDACi – some side effects).
- Stop ART after the last vaccine
- 5/13 have controlled low-level viraemia
- 38% defined as response (up to 6 mo)

Cure update?

Therapeutic vaccination: BCN02 – 35% response



PrEP if you are positive: What's in it for us?

- What is PrEP?
- How effective is it?
- Who is likely to be prescribed PrEP?
- What are the implications for people living with HIV?
Equality, shared care, reduced fear, QoL
- Questions

PrEP if you are positive: What's in it for us!

- New option that gives HIV negative people control over staying HIV negative
- Highly effective – 99.999% etc
- Invisible to partners
- Option to lose fear from HIV
- Option to have greater trust and intimacy
- Option to increase quality of life

Questions?

New drugs,
Access, Cure,
PrEP?



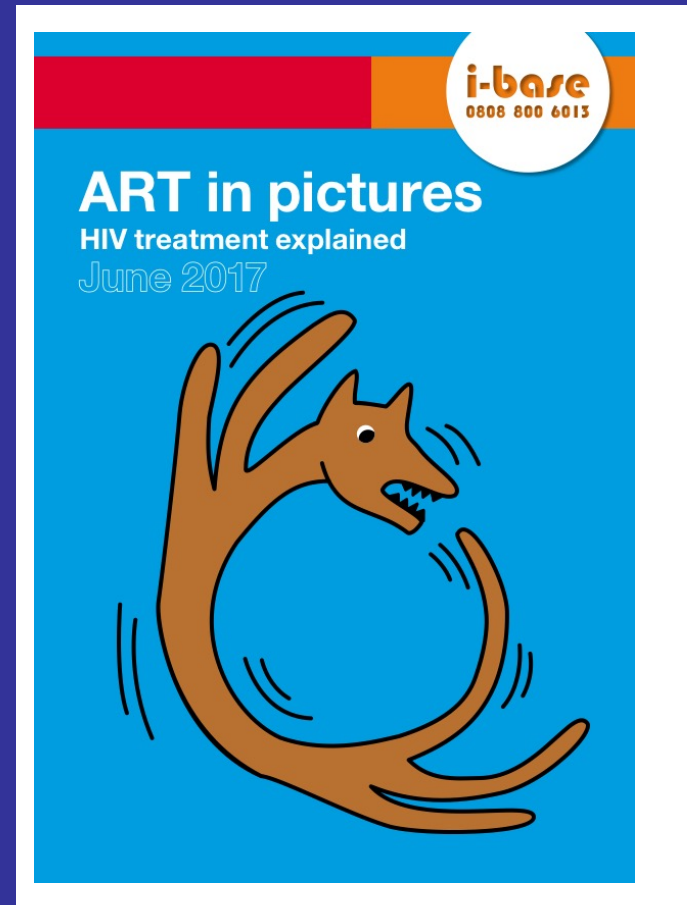
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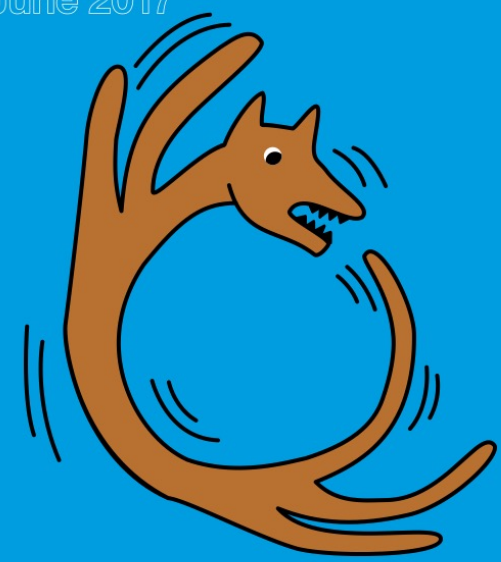
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The flyer features a blue background with several colorful circles (yellow, green, red) scattered across it. The i-base logo is in the top right corner.



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ART in pictures
HIV treatment explained
June 2017



The illustration shows a brown hand holding a brown cat. The cat is curled into a circle, with its head at the top and its tail at the bottom, appearing to be in a playful or pouncing pose. The background of the illustration is blue.

The flyer has a blue background with a red and orange horizontal bar at the top. The i-base logo is in the top right corner.