

IUSTI–E Scientific Advisory Council

Topic Report 2016 HIV Outpatient management

Rapporteurs: Deniz Gokengin and Fiona Mulcahy

Advances in the field 2015-16

15 million people receiving antiretroviral treatment by May 2015 (Millennium Development Goal 6 has been achieved).

HIV care continuum concept is widely accepted.

All guidelines reached a consensus for the first time in history on initiation of ART regardless of CD4 count, which will have implications for prevention via Treatment as Prevention.

UNAIDS 90 90 90 target was defined to end the AIDS epidemic by 2020.

There is strong evidence for pre-exposure prophylaxis with TDF/FTC for HIV prevention among men who have sex with men.

Hepatitis C cure rates in HIV co-infection mirror that of the HIV negative population.

Promising results were reported for prevention with long acting injectable agents.

Shorter treatment of Hepatitis C is possible with the novel drugs.

Innovative models of care for pre-exposure prophylaxis were developed in outpatient clinic settings.

5 Most Important Recent Publications

1. Temprano ANRS 12136 Study Group. A trial of early antiretrovirals and isoniazid preventive therapy in Africa. *N Engl J Med.* 2015 Aug 27;373(9):808-22. doi: 10.1056/NEJMoa1507198. Epub 2015 Jul 20.

2. INSIGHT START Study Group. Initiation of antiretroviral therapy in early asymptomatic HIV infection. *N Engl J Med.* *N Engl J Med.* 2015 Aug 27;373(9):808-22. doi: 10.1056/NEJMoa1507198. Epub 2015 Jul 20.

3. Molina JM, Capitant C, Spire B, et al. On-Demand Preexposure Prophylaxis in Men at High Risk for HIV-1 Infection. *N Engl J Med*. 2015 Dec 3;373(23):2237-46
4. McCormack S, Dunn DT, Desai M, et al. Pre-exposure prophylaxis to prevent the acquisition of HIV-1 infection (PROUD): effectiveness results from the pilot phase of a pragmatic open-label randomised trial. *Lancet*. 2016 Jan 2;387(10013):53-60. doi: 10.1016/S0140-6736(15)00056-2. Epub 2015 Sep 9.
5. Naggie S1, Cooper C, Saag M, et al. Ledipasvir and Sofosbuvir for HCV in patients coinfecting with HIV-1. *N Engl J Med*. 2015 Aug 20;373(8):705-13. doi: 10.1056/NEJMoa1501315. Epub 2015 Jul 21.

Potential Speakers

Professor Sheena McCormack- HIV prevention

Professor Mark Nelson - HIV HCV co-infection

Dr David Asboe - HIV outpatient management in 2016

Dr Anton Pozniak - HIV and TB coinfection

Dr. Mike Youle – Rational use of antiretrovirals / HIV outpatient management

Questions to be answered by future Research

What strategies should be considered for an HIV vaccine?

What approaches should be encouraged for an HIV cure?

Which mechanisms control HIV infection in elite controllers?

How should be PrEP implemented/delivered for HIV prevention?

How should access to curative HCV drugs be expanded to all co-infected individuals?

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