CONTROLLING THE HIV EPIDEMIC WITH ANTIRETROVIRALS

From Consensus to Implementation

22-24 September 2013
Queen Elizabeth II Conference Centre, London
Optimizing our Response: Addressing gaps in the treatment cascade
• HIV-infected in care and long term treatment
  – In clinic regularly/ many on ARV’s and suppressed

• HIV-infected in sporadic care
  – They come and go from care/ some have been on ARV’s

• HIV-infected not in care
  – Not ready for care or do not want care

• HIV-infected unaware of status
“Piot’s Pyramid” of HIV/AIDS in the US

5 Million engage in behaviors that put them at high risk
(3.5% of US population)\(^1\)

650,000 - 900,000 living with HIV\(^2\)

480,000 - 540,000 know they are infected\(^3\)

292,000 - 372,000 in care\(^3\)

175,000 - 223,000 on HAART\(^3\)

70,000 - 90,000 suppressed\(^4\)

~ 10% of those living with HIV virologically suppressed

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1. JAIDS 1999; 21:148-156
2. JAMA 1996; 276; 126-31
3. NEJM 1998; 339:1897-904
The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection

Edward M. Gardner, Margaret P. McLees, John F. Steiner, Carlos del Rio, and William J. Burman

*Clinical Infectious Diseases. 2011;52:793-800*

~ 19% of HIV-infected are virologically suppressed
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