HIV/AIDS in Italy

3695 new HIV diagnosis in 2014 (with an incidence of 6,1 new cases per 100.000 inhabitants)

858 new Aids diagnosis in 2014 (with an incidence of 1,4 new cases per 100.000 inhabitants)
HIV/AIDS in Italy

• The 84.1% of new diagnosis is attributable to unprotected sexual intercourse
  - 43.2% heterosexual
  - 40.9% MSM

• 79% of new diagnosis was made in men with a median age of 39 years

• 27.1% of new diagnosis was made in foreigners
HIV/AIDS in Italy

• 53.4% of new HIV positive patients had a CD4 cells count <350 cell/μL at the time of presentation

• Between the 2006 and the 2014 the number of patients who arrived at an AIDS stage unaware of their serological status rised up to 71.4%
HIV/AIDS in Italy

An effort should be made in our country to enhance the early detection of HIV in infected patients
HIV in Italy
New diagnoses of HIV infection in Italy:

- 2014: 6.1 new diagnoses of HIV infection/100,000 persons
- 79.6% were males
- Median age: 39 yrs for males, 36 yrs for females.
- 84.1% due to risky sexual behaviours:
  - Eterosex 43.2%
  - MSM 40.9%
Distribution of new diagnoses of HIV infection:

Proportional distribution of new diagnoses of HIV infection, stratified by nationality, gender, and calendar year (2010-2014)
Distribution of AIDS diagnoses and incidence per year:

Jan 2014 - Jun 2015: 858 diagnoses of AIDS; incidence: 1.4/100,000 persons
Distribution of AIDS-defining events according to HIV risk factors
Patients on follow up: 90.9%

Patients on antiretroviral therapy: 92.6%
Most frequent regimens used in first line according to calendar period of starting HAART

0% 5% 10% 15% 20% 25% 30% 35% 40%

- **FTC,TDF,EFV**
  - 2009-2011: 31.7%
  - 2012-2013: 26.7%
  - 2014-2016: 25.3%

- **FTC,TDF,ATV/r**
  - 2009-2011: 20.3%
  - 2012-2013: 18.3%
  - 2014-2016: 17.5%

- **FTC,TDF,DRV/r**
  - 2009-2011: 13.5%
  - 2012-2013: 16.3%
  - 2014-2016: 13.1%

- **FTC,TDF,LPV/r**
  - 2009-2011: 9.8%
  - 2012-2013: 10.9%
  - 2014-2016: 7.2%

- **3TC,ABC,DGV**
  - 2014-2016: 6.1%

For 2016, first 6 months
...a bit of epidemiology

PHE, UKgov

- POPULATION: 8,540,000
- PLHIV: 42,000
- New HIV diagnoses/yr: 2,800
  - (63% MSM)
  - (37% late presenters)
- MSM pop. (ext): >70,000
  - (13% HIV+)
- HIV prevalence: 3.9/1000

ISS, Epicentro

- POPULATION: 390,000
- PLHIV: 2,500?
- New HIV diagnoses/yr: 80
  - (41% MSM)
  - (54% late presenters)
- MSM pop. (ext): ???
- Pop aged 18-35: 72,000
- HIV prevalence: 0.8/1000
Late diagnosis of HIV infection by exposure group: United Kingdom, 2012

- MSM: 34%
- Heterosexual men: 65%
- Heterosexual women: 57%
- People who inject drugs: 64%
- Overall: 47%

35% London
54% Bologna

HIV in MSM ↑↑

...a bit of epidemiology

PART 2

Figure 4: New HIV diagnoses by probable route of infection (adjusted for missing route of infection information), London residents, 2005-2014 (please see footnote on interpreting trends)*


HIV in MSM ↑↑

*Note: Data might be subject to interpretation and should be cross-referenced with other sources for accurate representation.
SERVICES PROVIDED

❖ GUM Clinic services
  o Free of charge HIV and STI screening for asymptomatic patients
  o Results within the same day via text

❖ HIV Outpatients clinic
  o Option E (online follow up)

❖ Additional services
  o Erectile dysfunction / Anoscopy
  o Health advisor team
  o Chemsex counselling
  o Family planning
  o Psychosexual therapy
  o Clinic Q
  o Nurse appointments
Infectious disease unit / Dermatology unit

- HIV TESTING CRITICISM
  - 4th generation blood testing
  - Results in 2 days – TEXTING NOT ALLOWED
  - NO POCT available!

- STI screening provided by dermatology...
  ... placed in another building

- No specialist nurses available
- No psychosexual / health advisor counselling

BOLOGNA
... no country for young (testing)men ...