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HIV-testing among Danish TB-patients

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Disclosure



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Introduction

- TB patients should be tested for HIV.
- Incidence of TB is 7/100,000/year
- HIV infection prevalence is 1/1000.
- Aim :
 - Find the proportion of notified TB patients in Denmark tested for HIV co-infection
 - Estimate the true rate of HIV-infection in TB patients



Methods

- The national TB register was used for case identification
- The departments in charge of TB treatment were inquired about HIV-testing status for patients notified in 2007, 2008 and 2009.

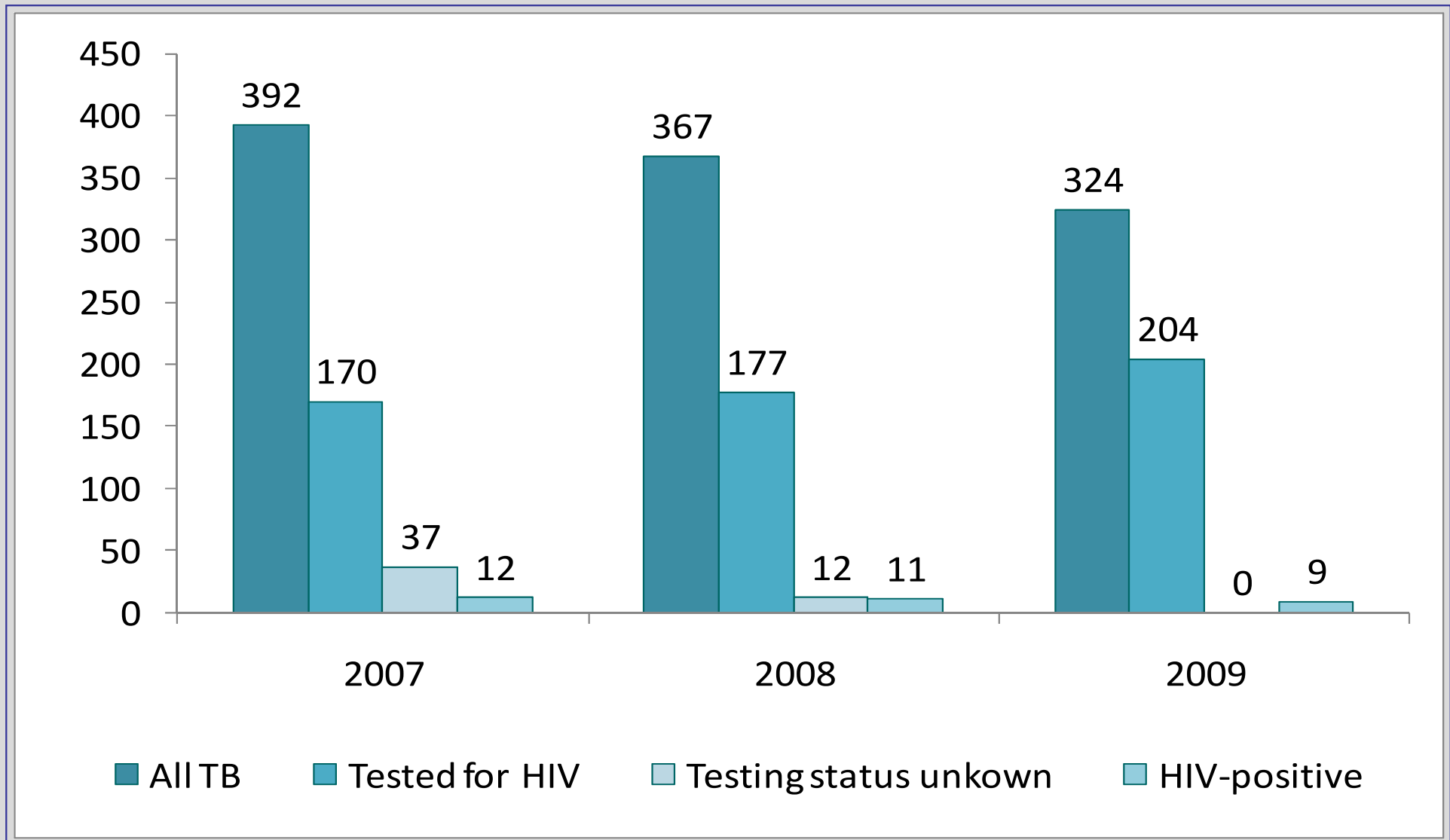


Results

- TB was notified in approximately 400 patients yearly.
- Proportion HIV tested was highest in middle-aged patients
- HIV-testing increased in all regions 2007-2009
- A marked variation between the regions from 36% to 78% (2009).
- HIV infection was identified in 3% of all TB patients,
- In 7%, 6% and 4% of those examined in the three years, respectively.

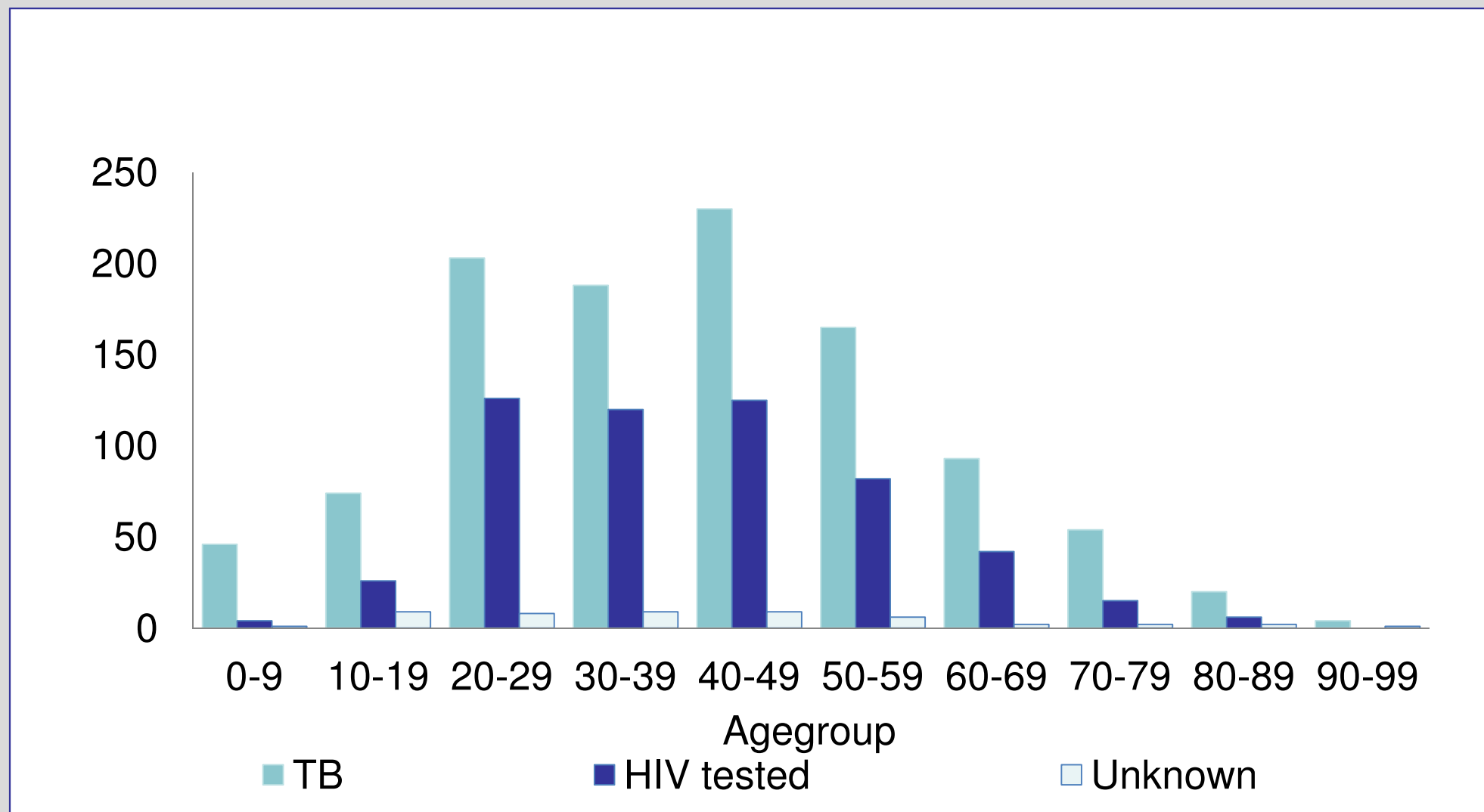


Number of TB cases and HIV-test status





Frequency of HIV-tests among TB-cases by age group





Discussion

- Hospitals include HIV-testing in their instructions
Hospitals do not follow their own instructions
- The National Board of Health recommends HIV-testing in TB patients
- HIV-testing was mainly performed in TB patients considered at risk.
- The true HIV co-infection rate for all TB patients is estimated to be around 3 %.



Conclusion

- HIV-testing in TB patients increased from 2007 to 2009
- We expect this trend to continue
- True level of TB HIV co-infection is close to 3 %.