

## An Audit of Hepatitis A vaccination status among HIV patients: A tertiary hospital experience in Ireland

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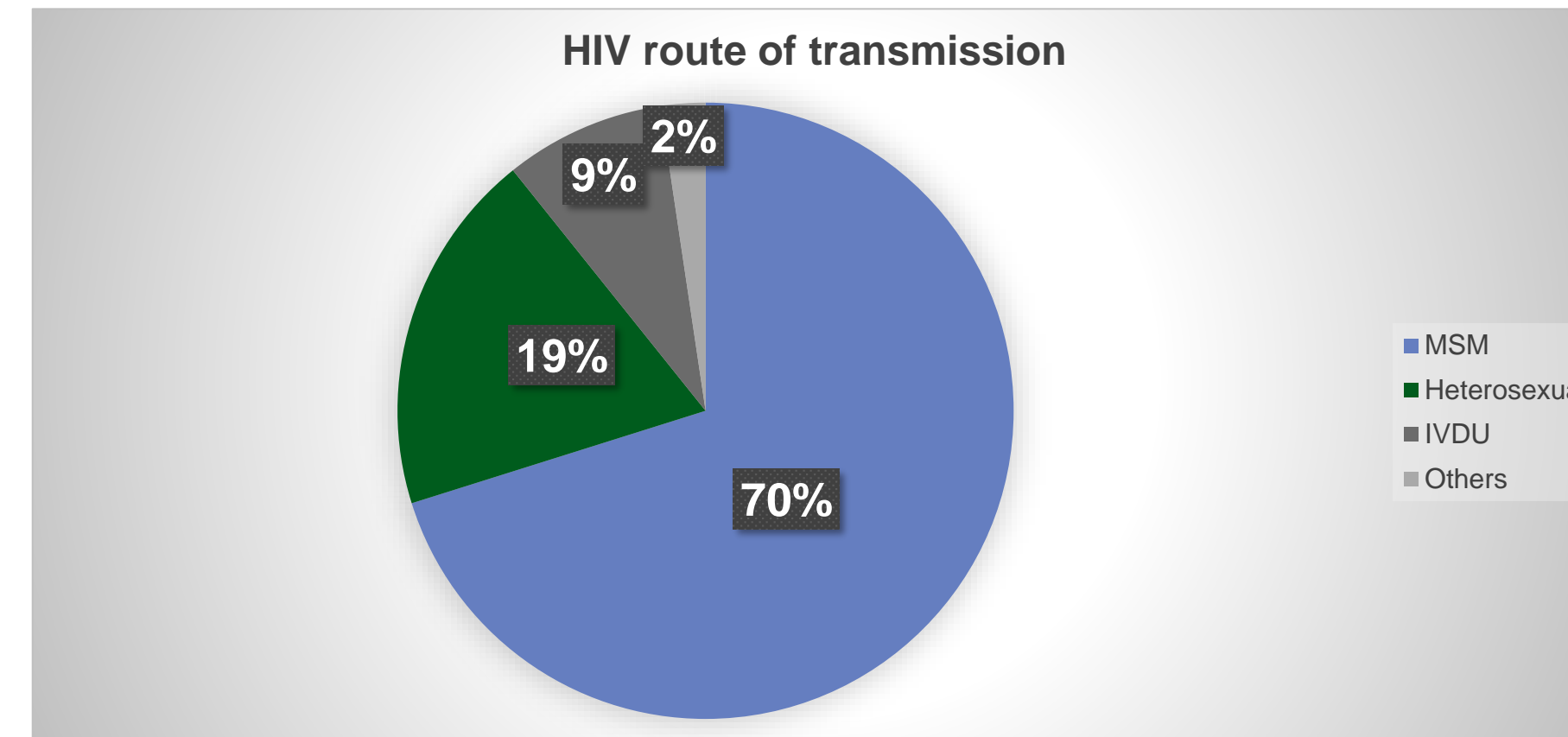
Authority of Public Services Regulation, Data Analyst, Oman. <sup>2</sup>

### Background:

- People living with HIV(PLWH) are more vulnerable to vaccine preventable infections such as Hepatitis A, Hepatitis B, Streptococcus pneumonia.
- Recently, the National Immunisation Advisory Committee(NIAC) advised Hepatitis A vaccine booster every 10 years for fully vaccinated HIV patients who have an ongoing exposure risk.

### Methods/Materials:

- A retrospective audit was conducted of the hepatitis A vaccination records of outpatients who attending the HIV clinic at St James's Hospital, Dublin.
- Data were collected using the Electronic Patient Record System (EPR)..



Vaccination date	Number of patient	% of patients
Received up to 2012	176	29.7%
Received after 2012	417	70.3%
Grand total	593	100%

### Results:

- 593 current attendees of the HIV outpatients service were identified as having received hepatitis A vaccination at the clinic.
- Of the 593 patients involved in this analysis, 246 (41.5%) were from Ireland and 347 (58.5%) were from countries outside of Ireland.
- The HIV acquisition risk for the majority of attendees was MSM 416 (70%) with the acquisition risk of only 50 attendees (8.4%) identified as PWID.
- Regarding vaccination status, 417 attendees (70.3%) received a Hepatitis A vaccine within the last 10 years. 176 patients (29.7%) will require a booster as per the new recommendation from NIAC.

### Conclusion:

- To our knowledge, this is the first audit of Hepatitis A vaccination booster receipt among HIV patients in Ireland.
- The majority of our patients received their vaccine within 10 years.
- Those who still require a booster dose will be identified and recalled to receive vaccination via the clinic's outpatient vaccination service.