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Recreational drug use, chemsex and antiretroviral prescribing in an HIV cohort in Brighton, UK

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Zoe Adler

University Hospitals Sussex NHS Foundation Trust



Recreational drug use, chemsex and antiretroviral prescribing

Zoe Adler, Colin Fitzpatrick, Nicholas Broadwell, Duncan Churchill
& Daniel Richardson

Conflict of Interest

In relation to this presentation I declare I have no conflict of interest.

www.nhivna.org



Recreational drug use in PLWH



23-43% of PLWH report recent recreational drug-use,

20% reporting chemsex

3-7% report injecting drug-use

Chemsex



Geo-social apps

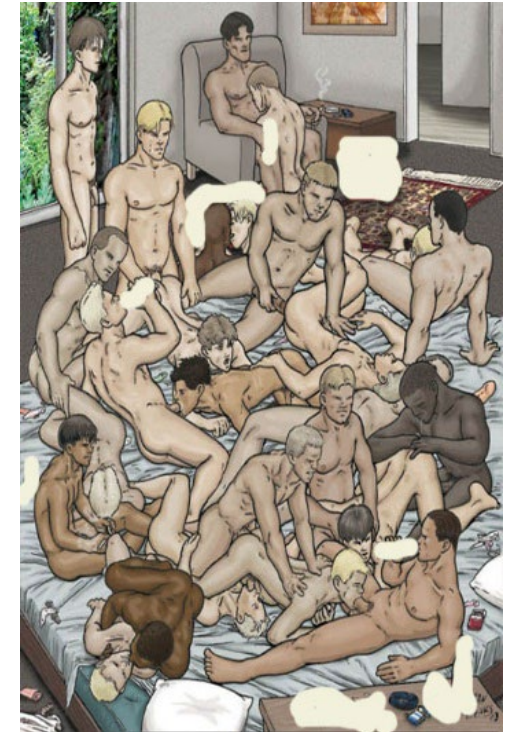
Mephedrone



Gamma-hydroxybutyrate

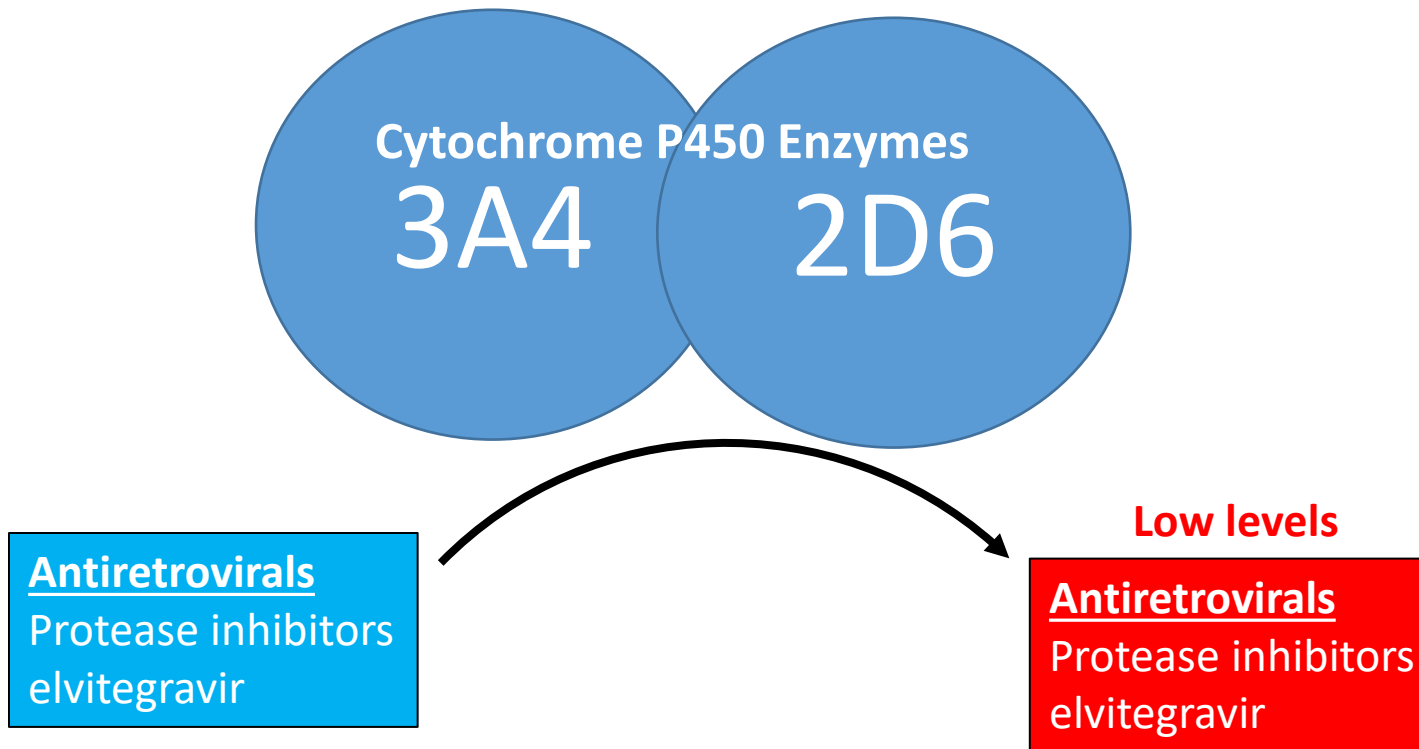


Crystal Methamphetamine

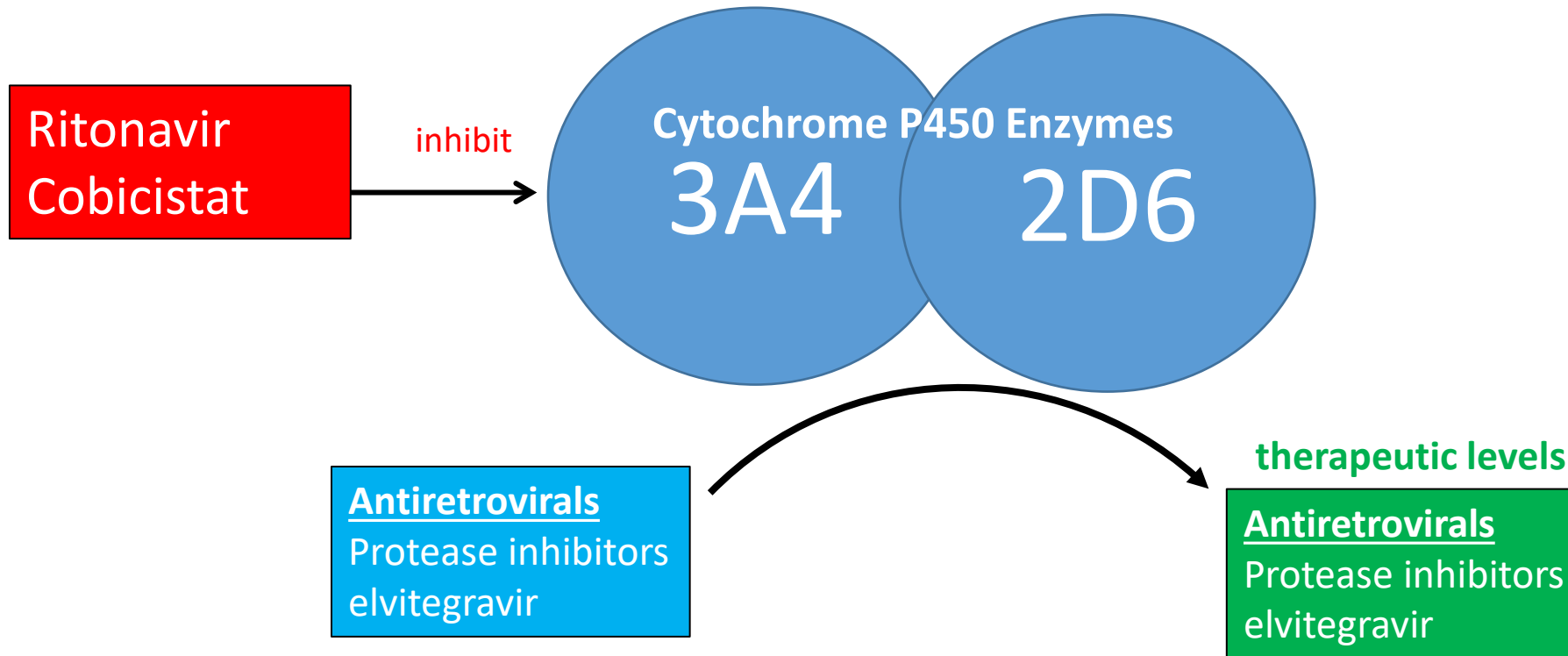


Group Sex / Parties

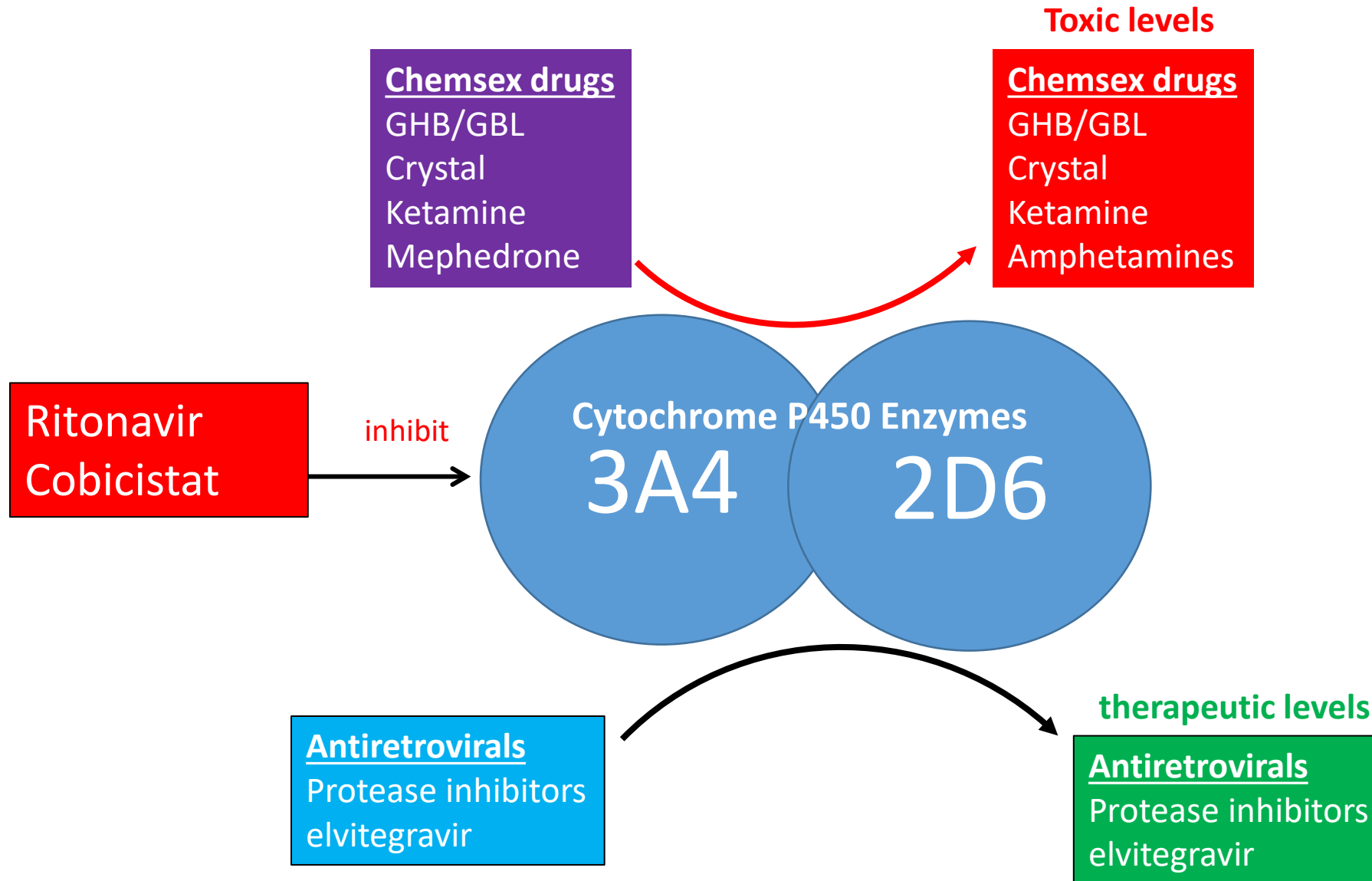
Chemsex drugs and Antiretroviral therapy



Chemsex and Antiretroviral therapy



Chemsex and Antiretroviral therapy

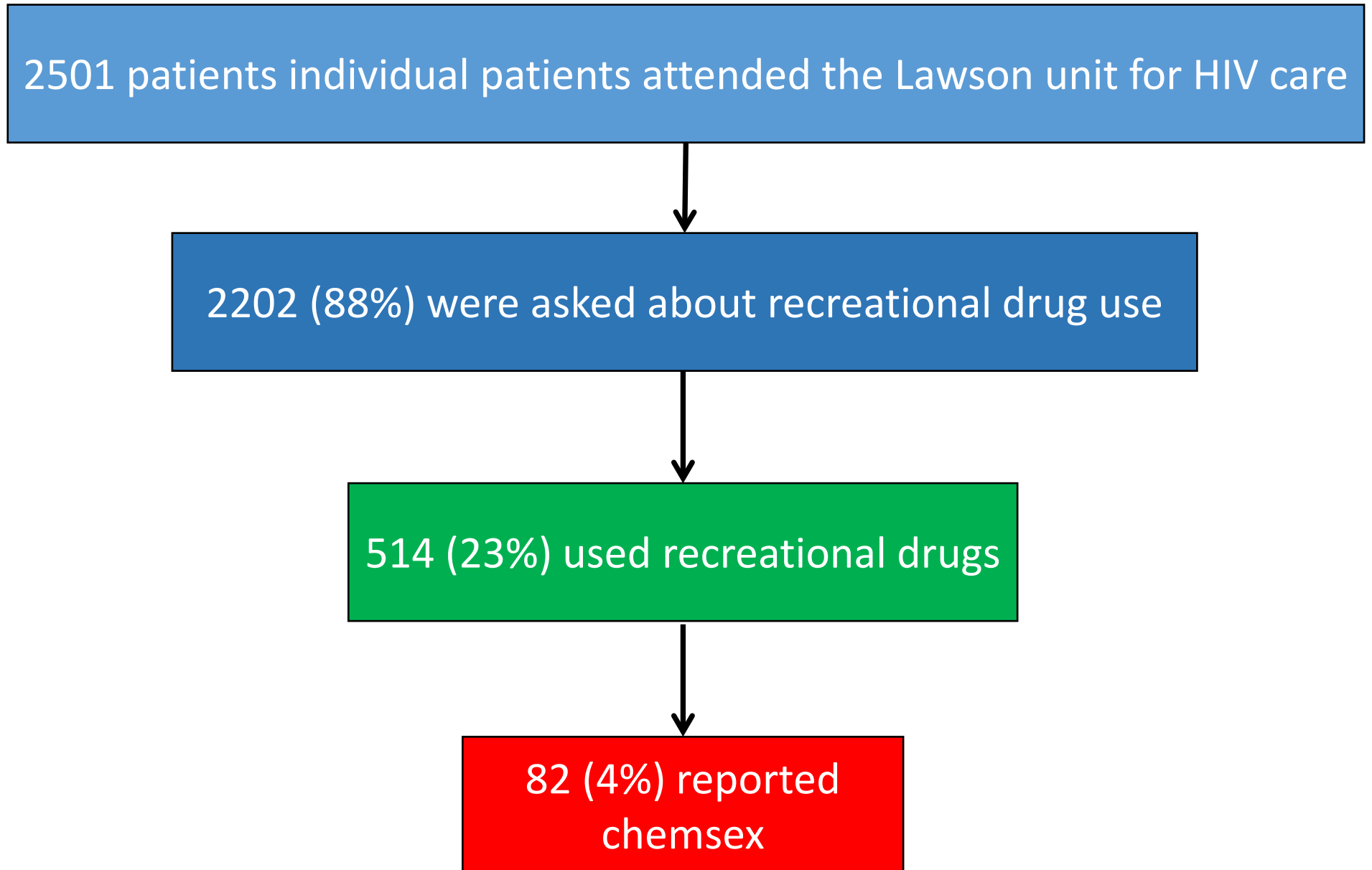


Aim & Methods

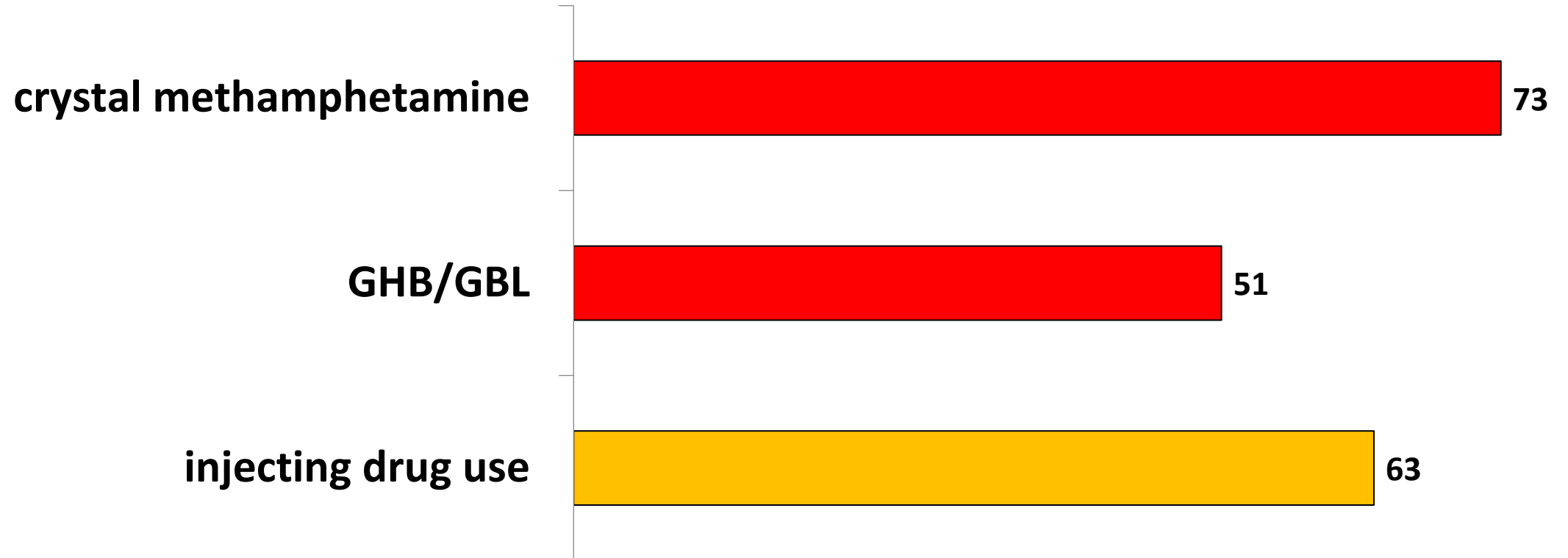
Review characteristics of recreational drug users/chemsex users amongst HIV cohort between January 2019-December 2020 (2 years)

Review antiretroviral prescribing in chemsex users

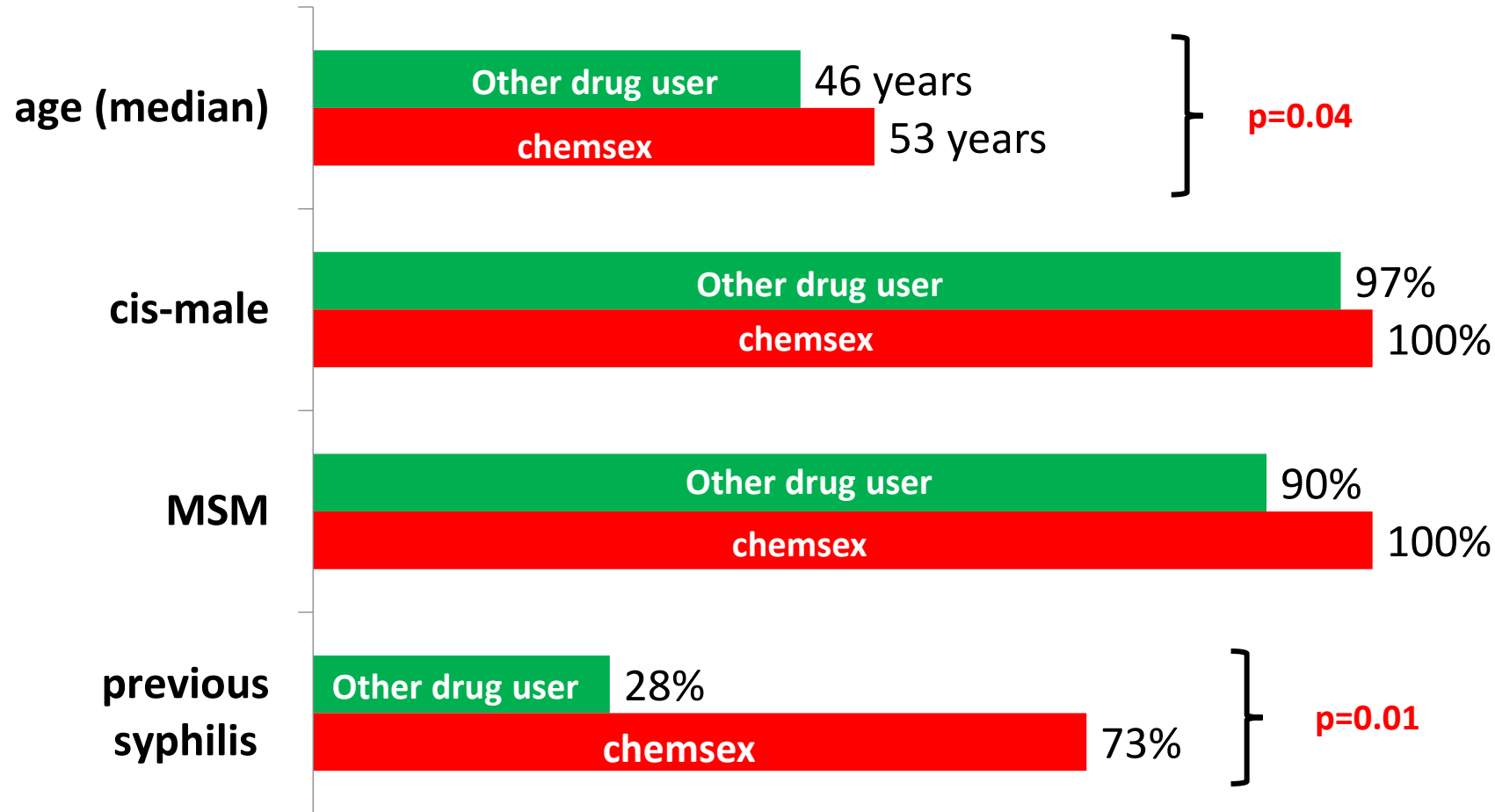
Results



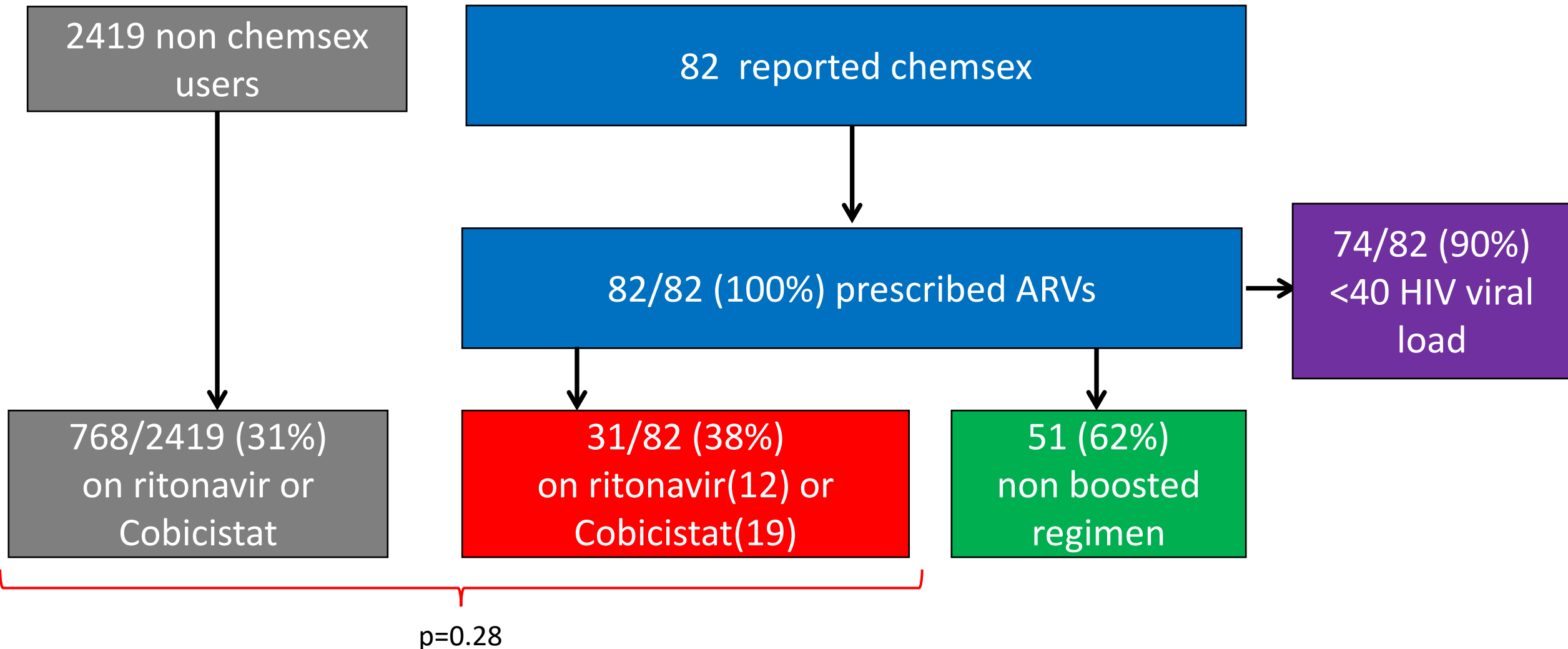
Chemsex (N=82)



Chemsex (82) v other drug users (432)



Chemsex users and Antiretroviral prescribing



Discussion

88% PLWH documented discussion re recreational drug use

23% reported recreational drug use

38% PLWH who report chemsex were on a booster in study period

4 patients died of accidental overdose / 1 had high GHB levels on cobicistat in study period

Limitations

Single centre, retrospective

Data extracted from clinical notes

Acknowledgements



HIV Medication Chart

Combination Antiretrovirals					Nucleoside/Nucleotide Reverse Transcriptase Inhibitors (NRTIs)		
Atripla (EFV/TDF/FTC)	Biktarvy (BIC/TAF/FTC)	Combivir (ZDV/FTC)	Complera (RPV/TDF/FTC)	Delstrigo (DOR/TAF/FTC)	Emtriva (FTC/ABC)	Epivir [†] (ZDV/FTC)	Raltegravir (RAL)
Descovy (TAF/FTC)	Devedo (DTG/FTC)	Epivir [†] (ZDV/FTC)	Genvoya (BIC/COS/TAF/FTC)	Jalapa (DTG/ABC)	Viread [†] (VLC/FTC)	Zenpep [†] (ZDV/FTC)	Islatravir (ISL)
Odefsey (BIC/TAF/FTC)	Stribild (BIC/COS/TAF/FTC)	Symtuza (BIC/COS/TAF/FTC)	Triumeq (DTG/ABC/FTC)	Truvada (TDF/FTC)			
Protease Inhibitors (PI)					Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTI)		
Evotaz (EFV/ATV)	Kaletra (ZDV/FTC/ATV)	Lamivudine (3TC)	Prezcobivir (BIC/ATV/FTC)		Edurant (RVT)	Integritas (RVT)	Sustiva (ZDV/FTC)
Prezista (ATV)	Reyatac (ATV)		Viracept (ZDV/FTC)				Viramune (NVP)
Entry Inhibitors		Integrase Inhibitors (INSTI)		Boosting Agents			
Fuzon (FUS)	Selentry (SEL)	Trogarzo (TRO)	Isentress [†] (ISN)	Isentress HD (ISN)	Therapy (THR)	Norvir [†] (NVP)	

All pills shown in relative size/scale. Medication brand names appear in bold. Generic names and commonly used abbreviations appear in parentheses.

[†] Also available in liquid or powder form. [‡] Capsule formulation available. [§] Chewable form available.

The clinical team in Brighton
Patients