

# Drug abuse in HIV infected patients. *Chem-sex* role

**Perelló R.**

*Servei d'Urgències.* Hospital Clínic de Barcelona.

# Background

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- Drug abuse is common in some HIV-infected patients.
- Heroin and cocaine.
- The use of synthetic drugs, has become popular, so that sexual practice has strengthened.
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- These drugs are known as *Chem-sex*.

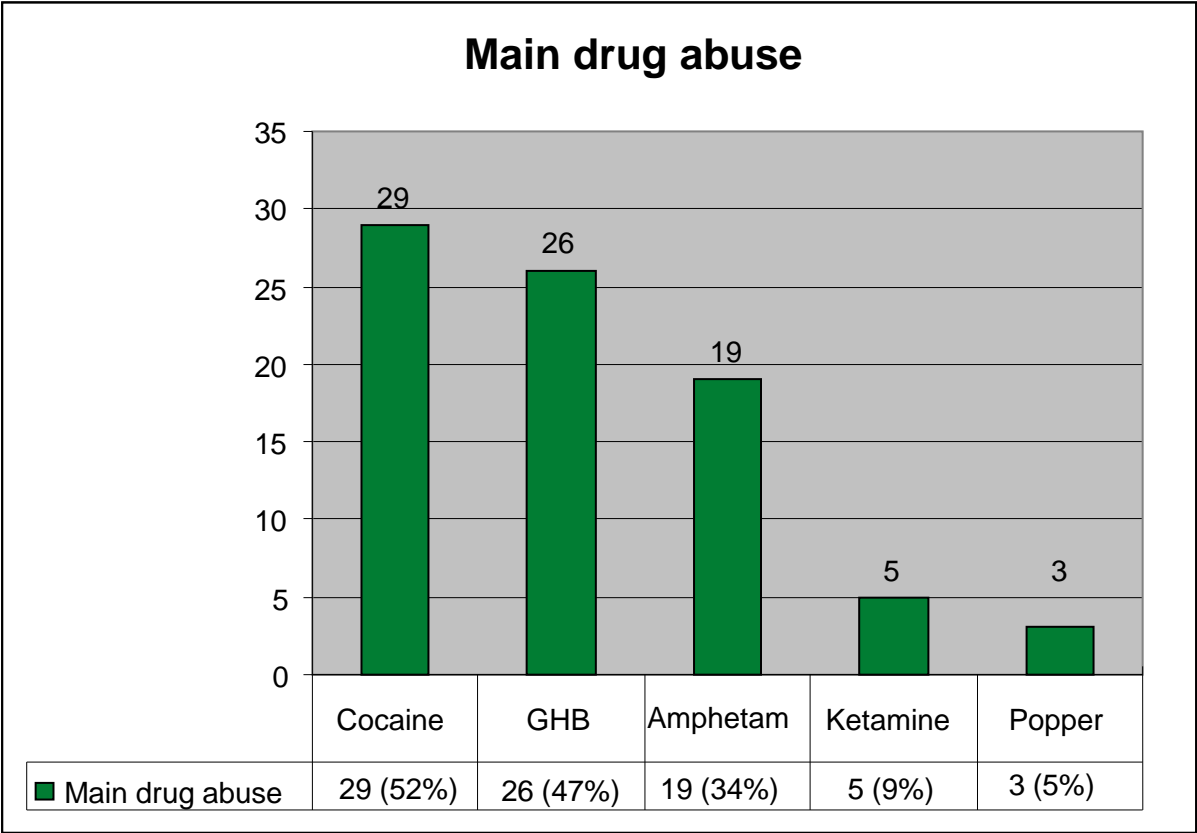
# Objective and Methods

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- Identify the main cause of drug intoxication in HIV infected patients
- Prospective study (2014-2015) made in the ED of Hospital Clinic.
- Patients with alcohol intoxication were excluded
- Collect all patients with drug intoxication and identify HIV infected patients
- Drug and intoxication were defined as WGH criteria
- Chem-sex were defined as drugs to sexual practices

- A total of 421 patients were attended in our ED
- 56 patients were HIV. The prevalence was 13%.
- Age  $38 \pm 7,35$  years. 51 (91%) were ♂.
- 48 (86%) were under cTAR, 9 (6%) had HCV/HIC coinfection.
- 6 (11%) were iv drug users and 11 (27%) had psychiatric pathology.

# Results



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- Eight patients required care in the resuscitation box for mechanical ventilation.
- Two patients died (5%).
- Sex was the only risk factor to consume cocaine ( $p=0.035$ )

# Conclusion

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- In HIV infected patients cocaine was the most consumed (52%)
- But if adding all chem-sex the percentage was bigger (61%).