

### Prescription Drug Misuse in the UK

#### Dr David M Wood

Consultant Physician and Clinical Toxicologist, Guy's and St Thomas' NHS Foundation Trust and King's Health Partners

> Reader in Clinical Toxicology King's College London

LONDON



## Funding and Conflicts of Interest

#### Euro-DEN and Euro-DEN Plus

- 2013-2015: The Euro-DEN project had financial support from the DPIP/ISEC Programme of the European Union
- 2015 onwards: The Euro-DEN Plus Project has received support from EMCDDA since August 2015

#### Rocky Mountain Poison and Drug Control Center

- Grants and statistical assistance with analysis of data from UK Internet surveys and web monitoring surveys
- Honorarium to attend and present at annual RADARS scientific meetings and international pre-symposium

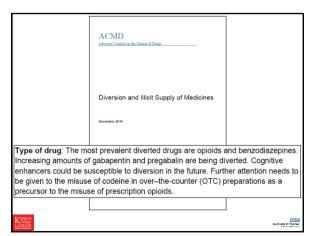


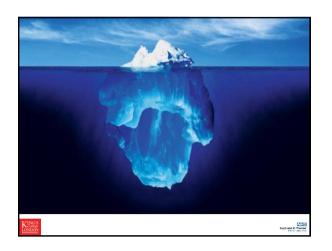
Cuy's and St Thomas'

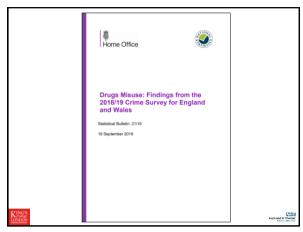








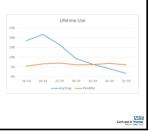


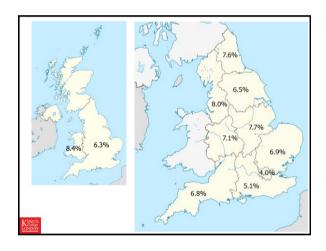


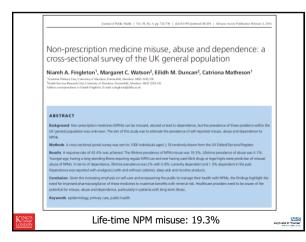
# UK population level data: prescription painkiller misuse

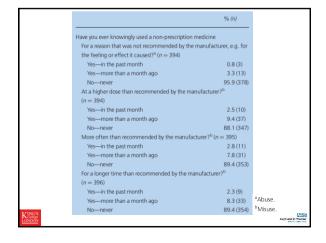
From 2014/15 CSEW survey following question included:
 "Have you taken prescription-only painkillers not prescribed to you, which you took only for the feeling or experience it gave you"

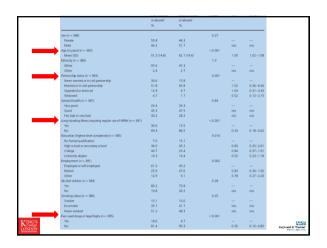
	Any Drug	Painkillers
16 to 59 years old	9.4%	6.4%
16 to 24 years old	20.3%	6.1%
25 to 59 years old	7.0%	8.5%
Males	12.6%	6.9%
Females	6.3%	5.9%

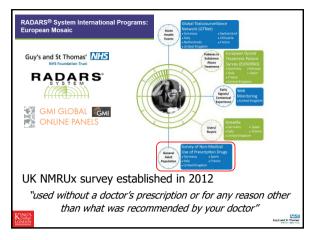








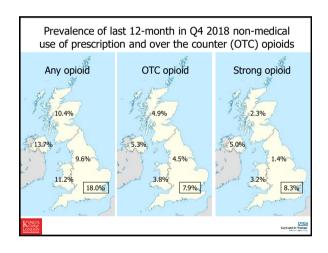


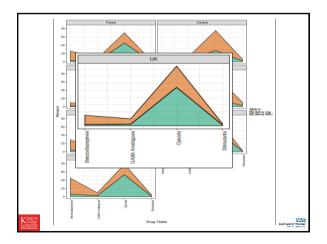


UK survey of non-medical use of prescription drugs (NMURx) as a valuable source of general population illicit drug use data

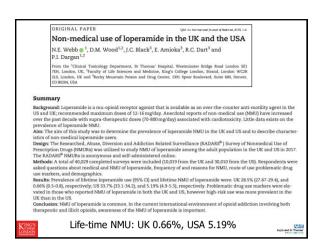
Fu Liang Ng, 1-2 Karilynn Rockhill, 3 Joshua Black, 3 Kevin Patrick May, 3 Melanie D Whittington, 3 David M Wood, 1-4 Paul I Dargan, 1-4 Jody L Green 3-5

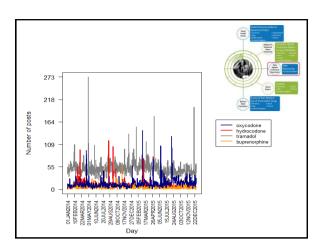
Conclusions The NMURx survey has a broad reach of participants, and a sampling scheme that achieves external validity, compared with general population demographics. NMURx's online format allows flexibility in items surveyed and in response to emerging trends.









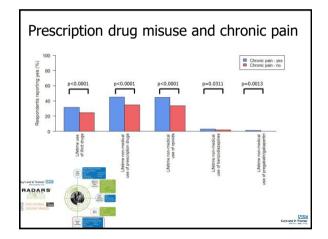


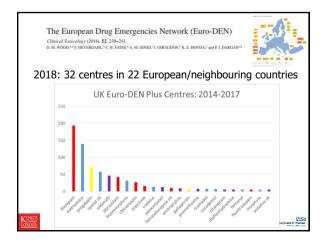
## UK population level data: prescription painkiller misuse

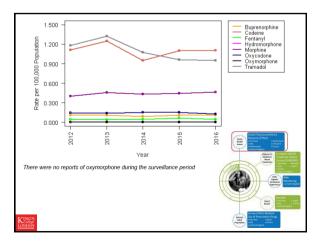
- Association with illicit drug use
  - Used in last year 10.7% -vs- not used 5.9%
- Demographic factors associated with increased use
  - Most deprived 8.3% -vs- least deprived 4.4%
  - Rural 6.2% -vs- Urban 6.4%
  - Employed 6.2% -vs- Unemployed 7.2%
  - Long-term illness / disability

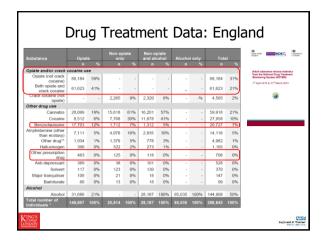
Drug	Yes	No
Prescription painkillers	12.6%	5.6%
Any illicit drug	12.7%	9.0%
Cannabis	10.9%	7.2%





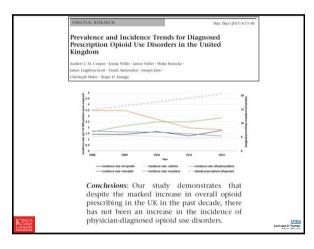


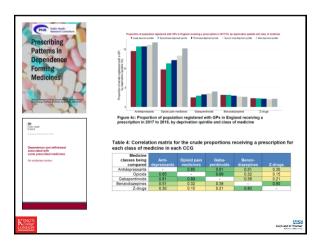


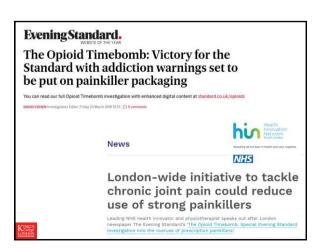












## **Parting Thoughts**

- Increasing evidence of non-medical use of prescription medicines in the UK
  - Predominately opioids and benzodiazepines
- Misuse appears associated with chronic illness and pain, lower income and social deprivation
- Significant harms being associated with misuse
  - Drug treatment, drug-related deaths, ED presentations
- Understanding relationship between prescribing patterns will enable improved harm reduction strategies
  - Alternative strategies to managing pain
  - Warning patients and clinicians of the risks of NMU

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