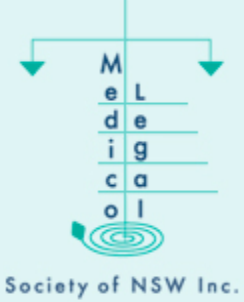


THE MEDICO-LEGAL  
SOCIETY OF NSW INC.



## Prescription overdoses – Drugs of addiction

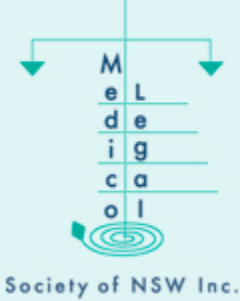
June 6, 2018



Image:

US Dept. Agriculture <https://www.flickr.com/photos/usdagov/27854267179/>

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## Dr Ingrid van Beek

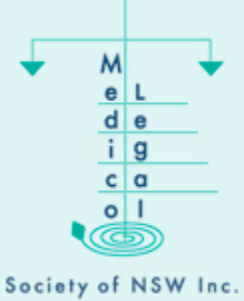
Dr Ingrid van Beek (AM) is a public health & addiction medicine physician who has been working at the sharp end of harm reduction for more than 30 years.

Ingrid was the founding Medical Director of the Australia's first and still only Medically Supervised Injecting Centre from 2000 until 2008

Ingrid was the longstanding Director of the Kirketon Road Centre (KRC) until early 2017. Located in Sydney's Kings Cross, KRC is among the world's most integrated targeted primary health care services for 'at risk' young people, sex workers and people who inject drugs.

She was awarded a Doctor in Medicine (MD) in 2010 in recognition of her body of published scholarly work in the international field of Harm Reduction, and is a Conjoint Professor at UNSW Sydney's Kirby Institute. Ingrid's contribution to improving the health of socially marginalised populations was recognised in 2010 when she was awarded Membership of the Order of Australia.

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## Mr Aleksandar Gavrilovic

Alex practiced as a community pharmacist for over 20 years. In 2005, Alex joined the Pharmaceutical Regulatory Unit as a Senior Pharmaceutical Officer in the Inspections and Investigations Team. He has held the role of Principal Pharmaceutical Officer (Monitoring and Compliance Section) and acted in the Chief Pharmacist and Deputy Chief Pharmacist roles.

Alex has investigated hundreds of cases for the Ministry of Health involving illegal or inappropriate supply, administration, prescribing and dispensing of medicines by health professionals, many progressing to prosecution at professional tribunals or local court.

Alex is currently the Manager of the Clinical Policy Unit in the Ministry of Health's Alcohol and Other Drugs Branch, Centre for Population Health. .



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



**ABC NEWS**

## Australia on brink of prescription painkiller epidemic, doctors say

By Mark Reddie

Posted 13 May 2018, 9:50am

<http://www.abc.net.au/news/2018-05-13/australia-on-brink-of-prescription-painkiller-epidemic/9753506>

**ABC NEWS**

## Queensland needs real-time prescription monitoring 'urgently', coroner says, amid opioid deaths

By Michelle Rafferty, Lexy Hamilton-Smith and Lily Nothing

Updated 21 May 2018, 4:30pm

<http://www.abc.net.au/news/2018-05-21/coroner-calls-for-prescription-system-after-alarming-deaths/9783130>



<https://www.scriptwise.org.au/national-summit-in-canberra-to-address-improving-access-to-opioid-treatment/>

Health

## 18 Things You Didn't Know About the Opioid Epidemic

WHAT YOU SHOULD KNOW  
**ABOUT THE DRUG**

Prescription painkillers and illicit drugs have killed hundreds of thousands of Americans in the last decade.

AMANDA MACMILLAN May 10, 2018

<http://www.health.com/pain/opioid-facts>



MOJO NEWS

## The opioid epidemic: Australia's silent killer

© May 16, 2018 • Feature article, Health & Science



<http://mojonews.com.au/the-opioid-epidemic-australias-silent-killer/>

MamaMia Fame. ROYAL. *Agatha Christie* PODCASTS theGLOW LADYSTARTUP Shopping

## After taking the drugs, Rustie held her pregnant belly crying to her baby: 'I'm sorry.'



SOPHIE AUBREY  
Morning Editor  
May 18, 2018

DEBRIEF

<https://www.mamamia.com.au/prescription-drug-abuse-australia-2018/>

The Courier

News

MAY 14 2018 - 5:00PM

## Prevent scripted misuse



Melanie Whelan

Local News

<https://www.thecourier.com.au/story/5399504/prevent-scripted-misuse/>

The Economist

Topics ▾

Current edition

More ▾

Seeking the perfect prescription

## Some good news from the fight against opioids

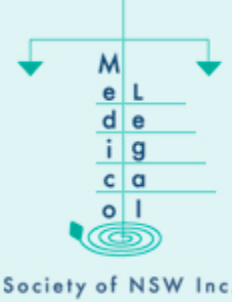
But some bad news too

Print edition | United States >

May 31st 2018

<https://www.economist.com/united-states/2018/06/02/some-good-news-from-the-fight-against-opioids>

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



**The Telegraph**

## Opioid traces found in mussels off the coast of Seattle



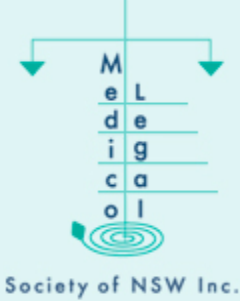
By **Harriet Alexander**, NEW YORK

30 MAY 2018 • 8:32PM

<https://www.telegraph.co.uk/news/2018/05/30/opioid-traces-found-mussels-coast-seattle/>



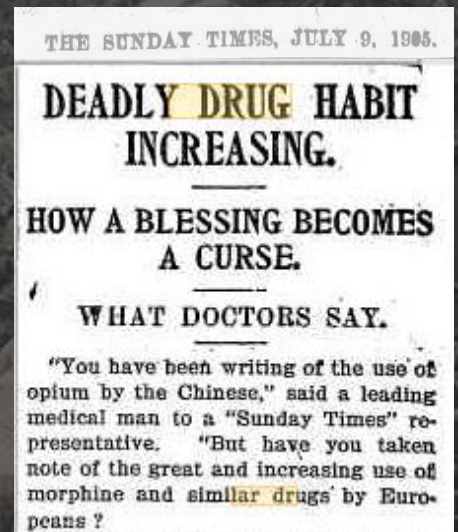
# THE MEDICO-LEGAL SOCIETY OF NSW INC.



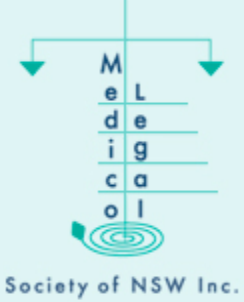
‘I am afraid that our profession is largely to blame for the fact that so many people have become the victims of drug habits.

I admonished a brother medical man the other day for yielding to a patient’s demand for an opiate, and his reply accurately sums up the attitude of too many doctors:

“What can I do? People call in a medical man to get relief from their pain. If I can alleviate their suffering, I’m a kind and good doctor. If I merely urge them to bear their pain, they send for my competitor. I have my living and my reputation to consider.” ‘



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## THE PROBLEM

Image: <https://commons.wikimedia.org/wiki/File:DrugOverdose.jpg/>

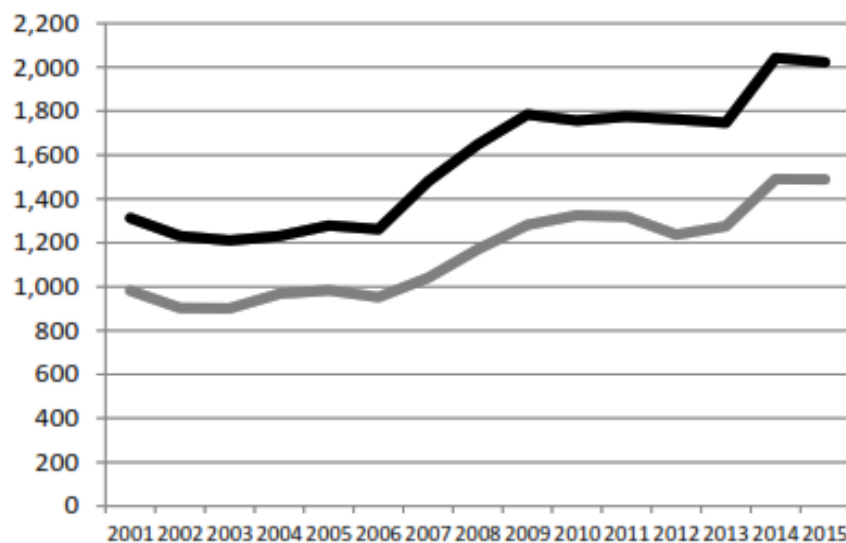


# THE MEDICO-LEGAL SOCIETY OF NSW INC.

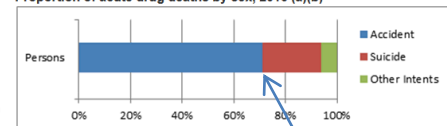


Australia's Annual  
Overdose Report 2017  
A Penington Institute report

**Graph 1: All drug-related deaths in Australia, versus all accidental drug-related deaths  
2001-2015**  
Number of deaths



Proportion of acute drug deaths by sex, 2016 (a)(b)



71.3%  
(ABS)

— All drug-related deaths  
— Accidental drug-related deaths

In 2014, 762 men and 375 women died of accidental drug overdoses, a trend reflected over the previous decade.

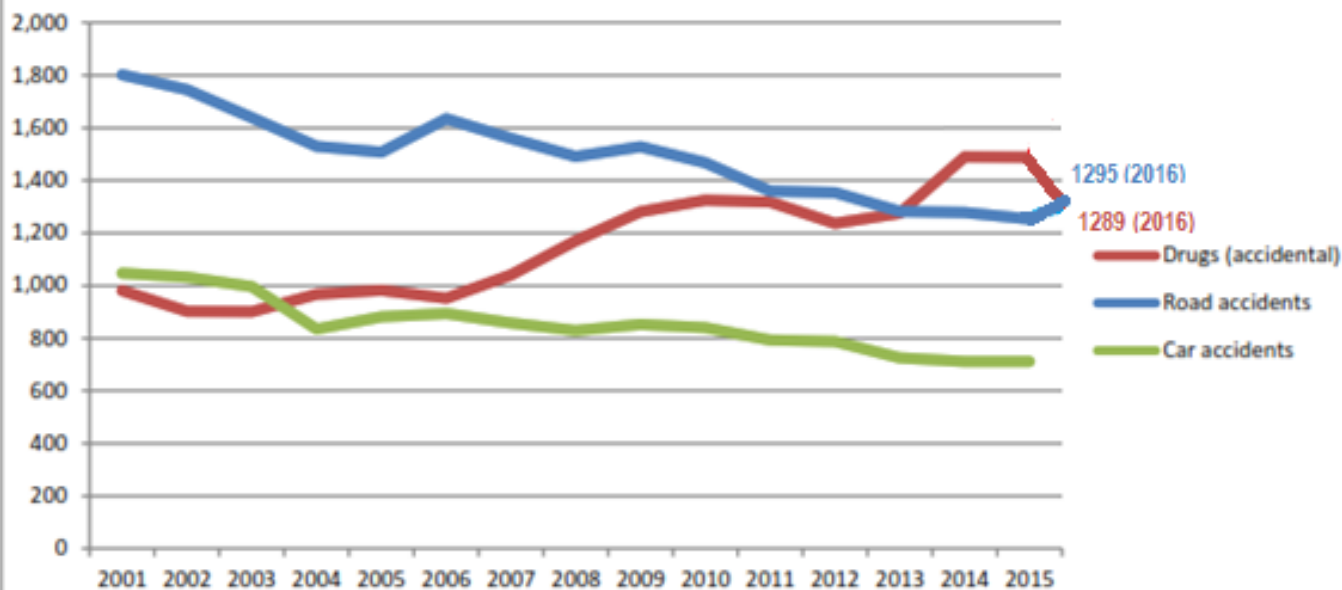


# THE MEDICO-LEGAL SOCIETY OF NSW INC.

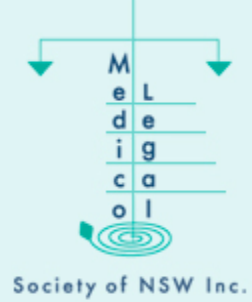


Australia's Annual  
Overdose Report 2017  
*A Penington Institute report*

**Graph 2: Accidental deaths due to drug overdose in comparison to the road toll 2001-2015**  
**Number of deaths**

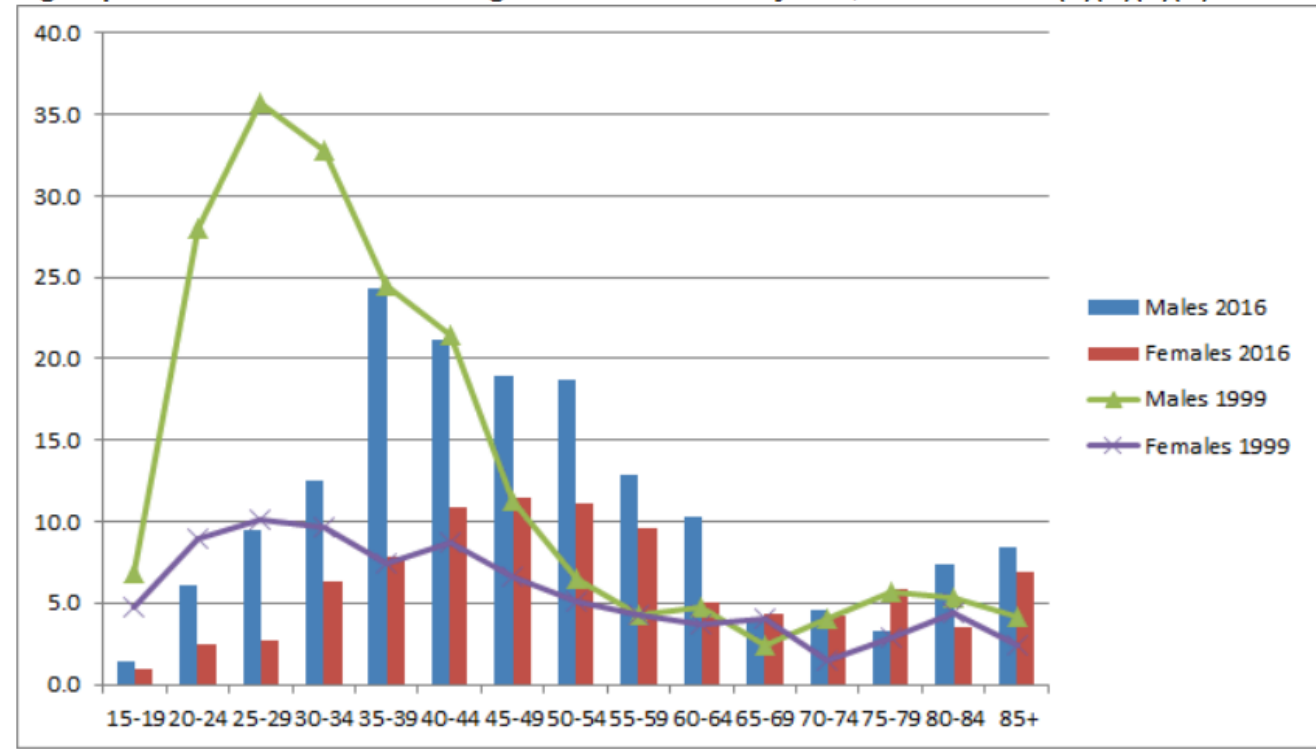


# THE MEDICO-LEGAL SOCIETY OF NSW INC.

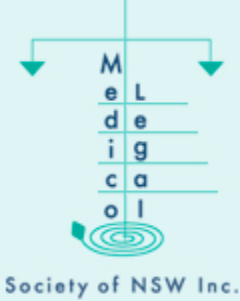


Australia's Annual  
Overdose Report 2017  
A Penington Institute report

Age-specific death rates for Drug Induced Deaths by sex, 1999 & 2016 (a)(b)(c)(d)



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



1999

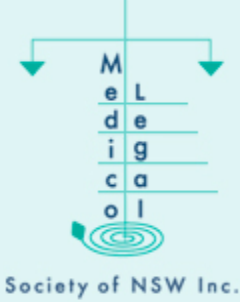
A person who died from a drug induced death was most likely to be younger (early 30s) with morphine, heroin or benzodiazepines detected on toxicology at death.

2016

An individual dying from a drug induced death in Australia was most likely to be a middle aged male, living outside of a capital city who is misusing prescription drugs such as benzodiazepines or oxycodone in a polypharmacy (the use of multiple drugs) setting.

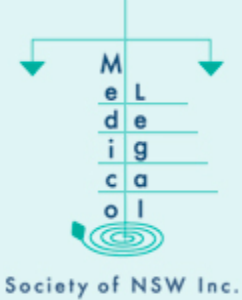


# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## THE INVESTIGATIONS

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



21 May 2018



## CORONERS COURT OF QUEENSLAND FINDINGS OF INQUEST

CITATION: Inquest into the death of  
William John HOUSE,  
Vanessa Joan WHITE,  
Jodie Anne SMITH; and  
Daniel Keith MILNE



Judge Sara Hinchey  
STATE CORONER

LRRSC - INQUIRY INTO DRUG LAW REFORM  
RECEIVED 17 MAR 2017  
SUBMISSION NO. 178

17 March 2017

## Inquest into six opioid deaths (NSW Coroner)

[commenced 6 May 2018]

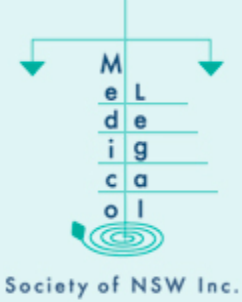


Australian Government  
Department of Health  
Therapeutic Goods Administration

Consultation: Prescription strong (Schedule 8) opioid use and  
misuse in Australia – options for a regulatory response

23 May 2018

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



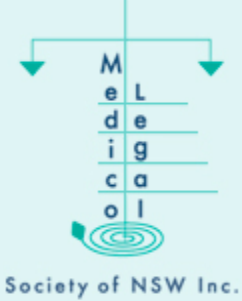
## THE DRUGS

Image:

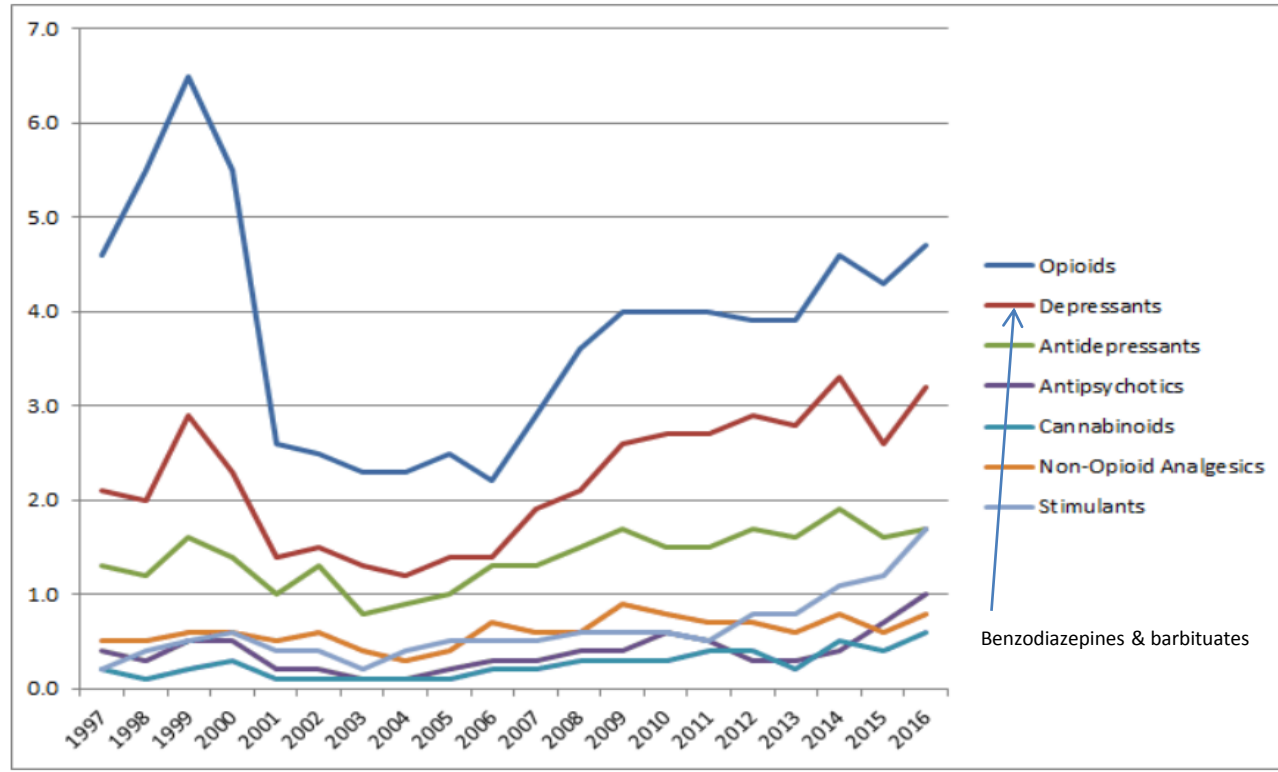
<http://www.geograph.org.uk/photo/4305562>



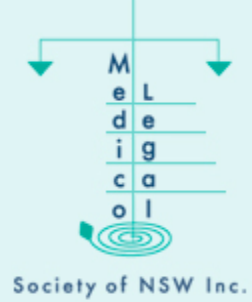
# THE MEDICO-LEGAL SOCIETY OF NSW INC.



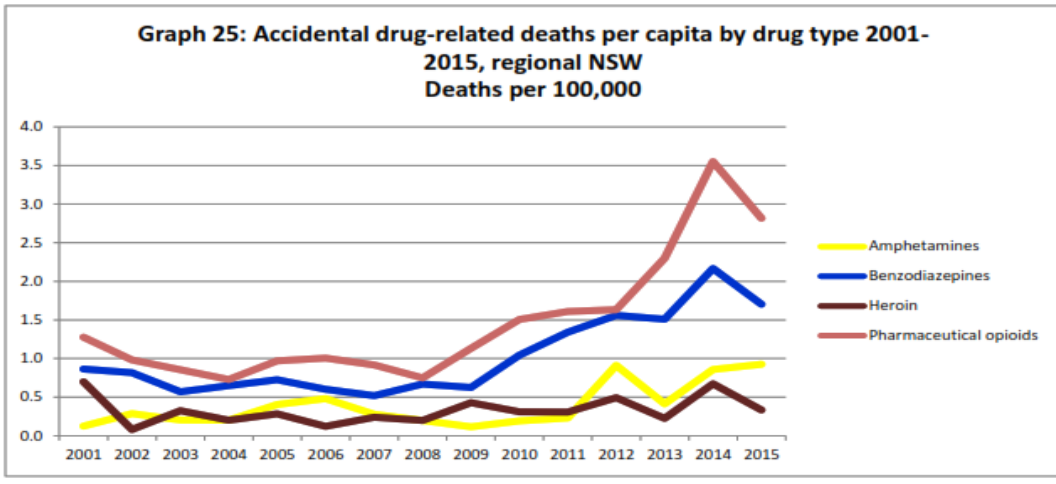
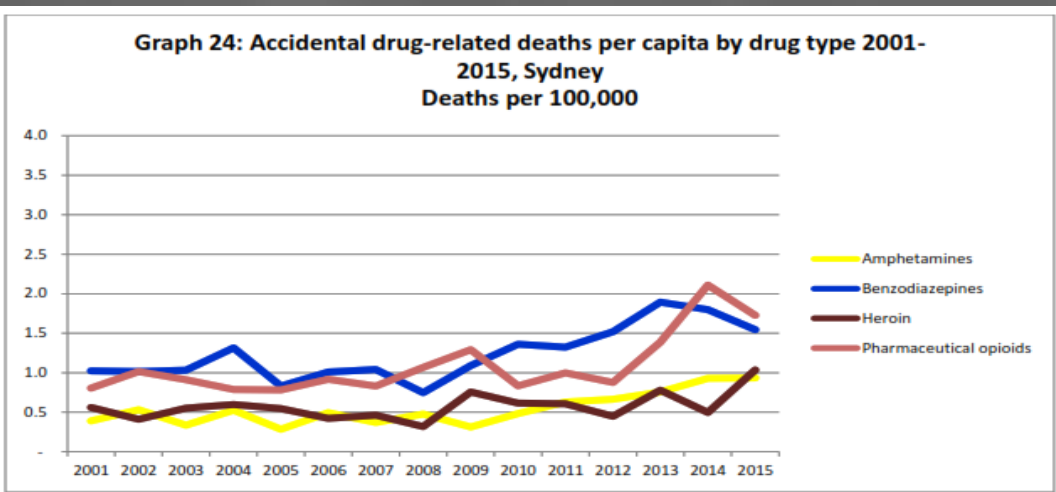
Common drug classes, Standardised death rates, 1997-2016 (a)(b)(c)(d)(e)(f)



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



Australia's Annual  
Overdose Report 2017  
*A Penington Institute report*

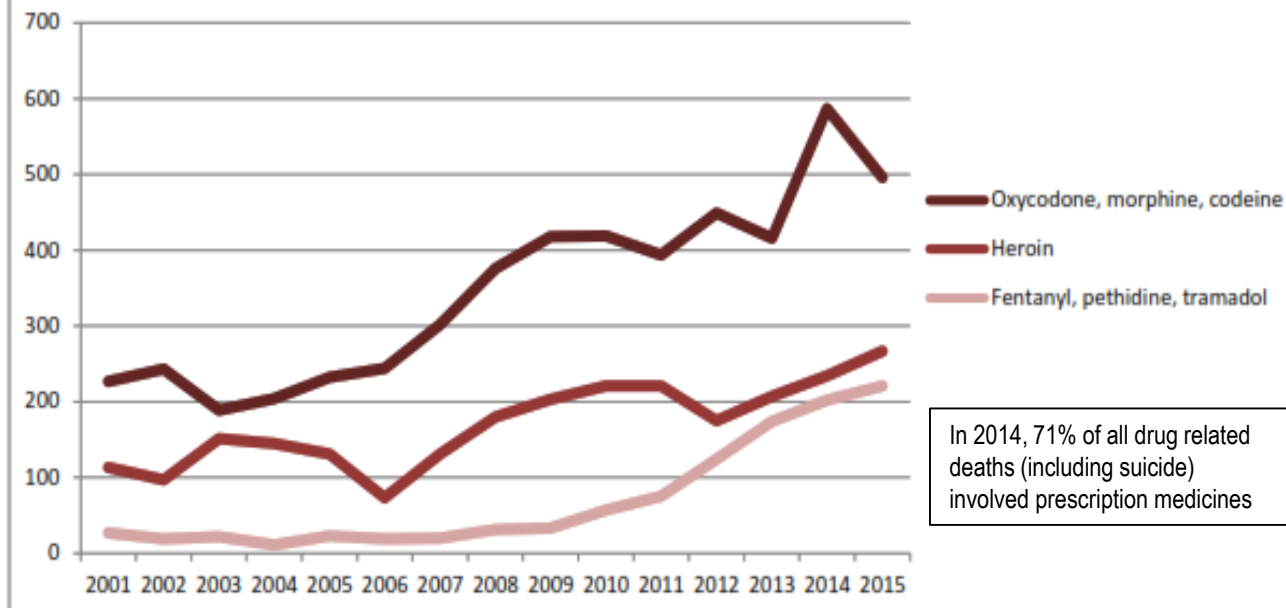


# THE MEDICO-LEGAL SOCIETY OF NSW INC.



Australia's Annual  
Overdose Report 2017  
*A Penington Institute report*

**Graph 4: Opioid-related deaths by opioid type 2001-2015**  
**Number of deaths**

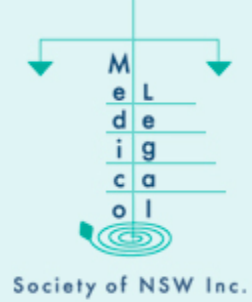


Graph:

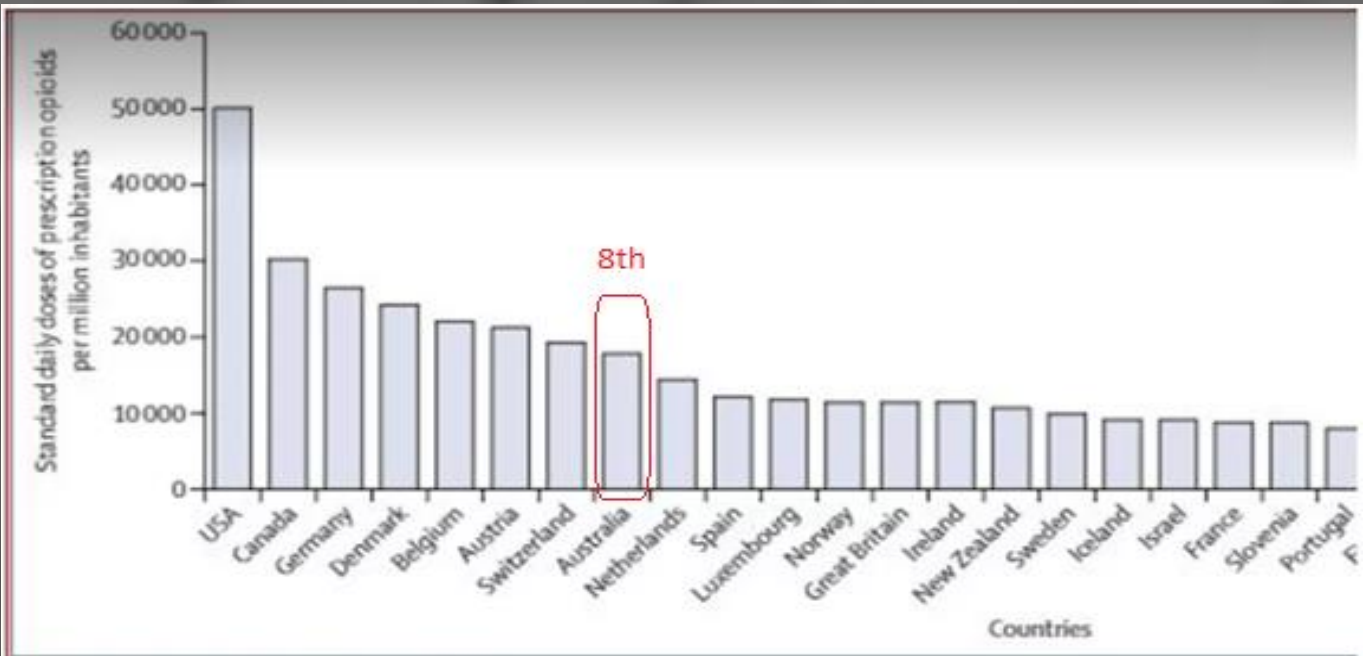
<http://www.penington.org.au/programs-and-campaigns/reports-and-submissions/>



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



Australia's Annual  
Overdose Report 2017  
*A Penington Institute report*



**Figure: Top 30 opioid-consuming nations, 2012-14<sup>1</sup>**

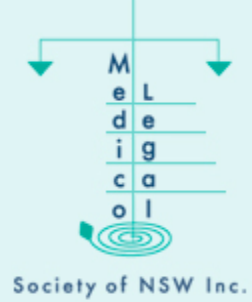
Australia is eighth out of the top 30 opioid producing countries in the world., 2012-2014.

Photo: Lancet, July 29, 2017

Graph:

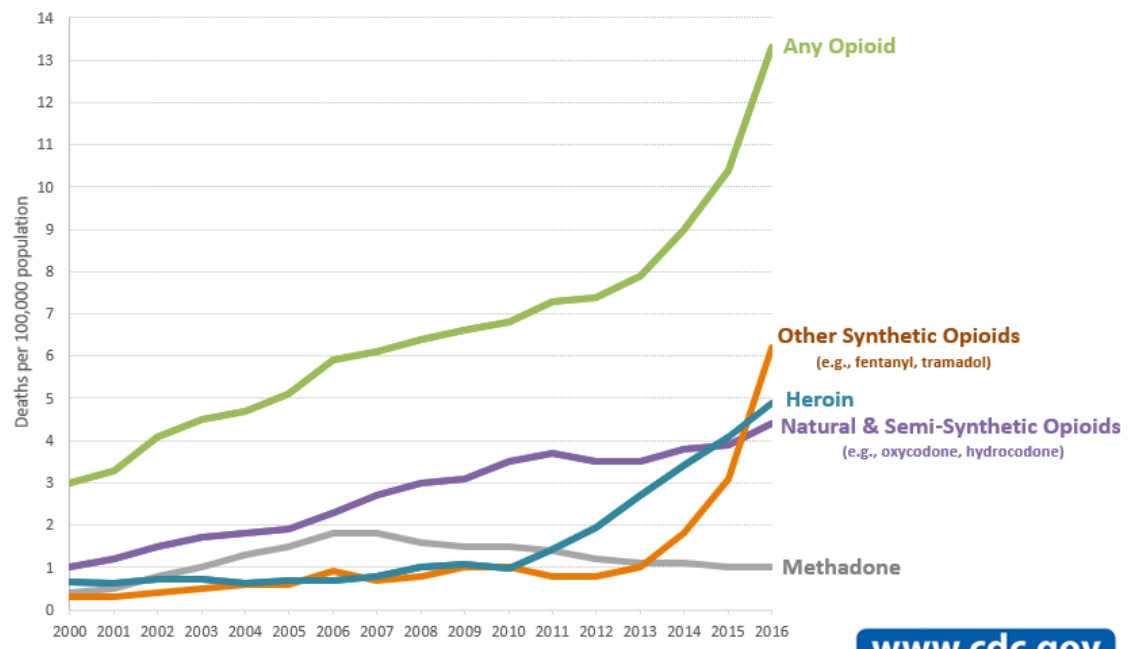
<https://www.smh.com.au/national/prescription-opioid-epidemic-coming-to-australia-20170803-gxobvt.html>

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



Australia's Annual  
Overdose Report 2017  
*A Penington Institute report*

**Overdose Deaths Involving Opioids, by Type of Opioid, United States, 2000-2016**



SOURCE: CDC/NCHS, National Vital Statistics System, Mortality. CDC WONDER, Atlanta, GA: US Department of Health and Human Services, CDC; 2017.  
<https://wonder.cdc.gov/>.

**www.cdc.gov**  
Your Source for Credible Health Information

Graph:

<https://www.cdc.gov/drugoverdose/images/data/OpioidDeathsByTypeUS.PNG>



## THE PATIENT

*John, 44yo from north coast of NSW*

*“A perpetually unwell man”*

John is a fictionalised patient with similarities to many of the cases considered by the various Coroners.



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## **Autopsy:**

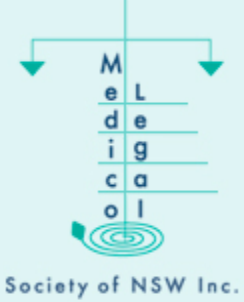
Autopsy revealed multiple old and recent track marks on the patient's elbows and upper left forearm. Granulomas containing birefringent and other foreign material were found in the lungs, consistent with chronic IV drug use. Partially digested OxyContin tablets were found in the stomach.

Toxicological analysis revealed the presence of morphine, oxycodone, and fentanyl, with low levels of norfentanyl (suggesting little time for metabolism between administration and death),

Other drugs present were diazepam and a variety of prescription drugs not considered to be drugs of dependence (anti-ulcerants; antidepressants). Methamphetamine was detected at low levels.

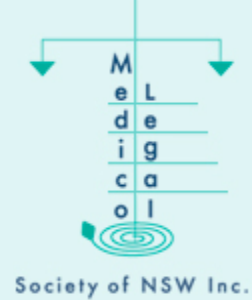
John is a fictionalised patient with similarities to many of the cases considered by the various Coroners.

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



MEDICALLY SUPERVISED INJECTION ROOMS

# THE MEDICO-LEGAL SOCIETY OF NSW INC.

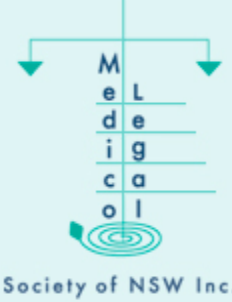


## Evaluation of the Sydney MSIC has found that as of 2015:

- More than 965,000 injections have been supervised
- Management of more than 5,925 overdoses without a single fatality.
- Over 15,300 people have registered to use the centre since opening.
- 70% of the people visiting MSIC had never accessed any local health services prior to visiting the centre.
- More than 12,000 referrals have been made to external health and social welfare services.
- The number of ambulance call outs to Kings Cross has reduced by 80% since MSIC opened.
- There has been no increase in crime in the Kings Cross area.
- The Kings Cross MSIC has been independently evaluated multiple times. All results show the centre is successful and cost effective.
- The number of publicly discarded needles and syringes halved in Kings Cross after the opening of MSI



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## Medically supervised injecting room

In 2018, the Victorian Government will open a medically supervised injecting room at North Richmond Community Health.

The centre will open as a trial, under supervision from the Victorian Government.

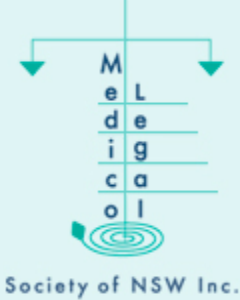


THE MEDICO-LEGAL  
SOCIETY OF NSW INC.



# REAL TIME PRESCRIPTION MONITORING

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## Interstate Coronial Recommendations

445. To date, there have been in excess of 21 coronial inquests conducted interstate, which have considered issues associated with the misuse of Schedule 8 medications, and the shortfalls of monitoring measures currently available. Resoundingly, Coroner's have called for the introduction of a real-time prescription monitoring system.

412. In relation to the regulatory monitoring presently available in Queensland, Dr Gronow notes that it is retrospective, and appears to only identify a patient who may meet a certain criteria once an enquiry is received. It does not appear that there is any ability for the current system to be proactive, which allows patients to obtain excessive scripts from multiple general practitioners. In the cases considered, unless initiated by a general practitioner by way of an inquiry with DDU, feedback from the regulator was not timely if provided at all.

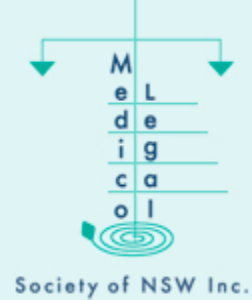
QLD Coroner: [http://www.courts.qld.gov.au/\\_data/assets/pdf\\_file/0010/568920/cif-house-white-smith-milne-20180521.pdf](http://www.courts.qld.gov.au/_data/assets/pdf_file/0010/568920/cif-house-white-smith-milne-20180521.pdf)

112. It is also apparent that more could be done through the regulatory system. I was being told about real time prescribing databases over 15 years ago in other prescription overdose cases. I understand that no other State or Territory (other than Tasmania) has to date made significant improvements to their systems.

NT Coroner (5 May 2017): [https://justice.nt.gov.au/\\_data/assets/pdf\\_file/0008/423386/D01112015-Fotiades.pdf](https://justice.nt.gov.au/_data/assets/pdf_file/0008/423386/D01112015-Fotiades.pdf)



# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## Tasmania – DORA (2012)

Drugs and Poisons Information System (DAPIS)  
DAPIS Online Remote Access (DORA)

National model = ERRCD (Based on DORA)

Electronic Recording and Reporting of Controlled Drugs

S8 Only

Voluntary uptake

(95% of pharmacies report data in real time)

7 x 24 hr

Welcome to the DORA website.

Please be advised that as a registered health practitioner you are bound by your professional code of conduct, the Commonwealth Privacy Act 1988 and the Tasmanian Personal Information Protection Act 2004 when accessing patient information via the DORA website.

The DORA website contains sensitive patient information and should only be accessed by health practitioners registered to use DORA and able to demonstrate a current clinical relationship with the patient. Please note that access to DORA patient files is logged and audited and any health practitioner found to be accessing and/or using information inappropriately may be referred to their relevant Board for appropriate action.

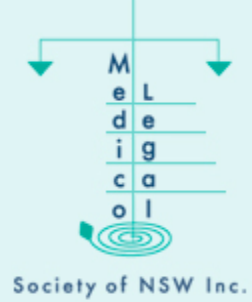
☐ I accept the terms of use

Email or Username

Password

[Register](#)

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## DORA: Client Information Page

Department of Health and Human Services - Pharmaceutical Services Branch  
Tasmania  
DAPIS Remote Access

Welcome Mr. Pete Boyles  
Home

Search for Patient  
235159 Search

Home > Patient

1950) \*requires an application to prescribe

Aliases Address Identifiers 59E 59B Indications  
[Redacted] DAPIS: 235159 No No Chronic Pain: chronic shoulder pain  
Tasmania, Australia 7180

Summary Dispensings Authorities 59E and 59B History Circulars Viewing History

Email PSB

Recent Authorities

Status	Applied On	Expires On	Prescriber	Drugs	Pickup Conditions	Indication
Issued	8/07/2010	9/07/2011	Information-Withhold	buprenorphine 5mg patches x 4/month oxycodone hydrochloride 5mg tablets x 20/month buprenorphine 10mg patches x 4/month	No Restrictions	

Recent Dispensings

Date Dispensed	Pharmacies	Prescriber	Drugs	Quantity
8/03/2011	Information-Withhold	Information-Withhold	Endone 5mg	20
4/01/2011	Information-Withhold	Information-Withhold	Endone 5mg	20
26/11/2010	Information-Withhold	Information-Withhold	Endone 5mg	40
8/10/2010	Information-Withhold	Information-Withhold	Endone 5mg	20
15/09/2010	Information-Withhold	Information-Withhold	Endone 5mg	20

DAPIS Online, Version: 1.0-1.602.1652

Department of Health and Human Services - Pharmaceutical Services Branch  
Tasmania  
DAPIS Remote Access

Welcome Mr. Pete Boyles  
Home

Search for Patient  
[Redacted] Search

Home > Patient

[Redacted] \*recommend contacting PSB for management advice \*requires an application to prescribe

Aliases Address Identifiers 59E 59B Indications  
[Redacted] DAPIS: 177112 No Yes  
[Redacted] Tasmania, Australia 7020

Indications  
Alprazolam:  
On the waiting list to see Mr Hunn re disc replacement surgery. Dr Weidmann is managing the psychoactive medication listed above. Alprazolam is being withdrawn. Endone was ceased and oxycontin dose increased.

Summary Dispensings Authorities 59E and 59B History Circulars Viewing History

Email PSB

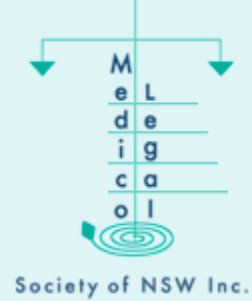
Date Time Uploaded	Title	Author Name	Author Type	Original File Name	Keywords
18/02/2011 8:57:20 PM	Circular 1625	PSB		20110218095422261.pdf	

Page 1 of 1

First Prev Showing: 1 - 1 of 1 Next Last

Per Page: 10

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## VIC – Safescript (2018)

ERRCD based

S4D and S8

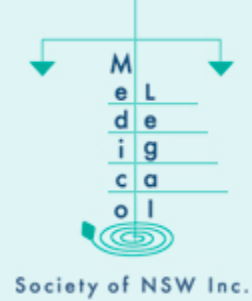
Initially voluntary, planned mandatory

## WA – ERRCD (Late 2018 ?)





# THE MEDICO-LEGAL SOCIETY OF NSW INC.



## VIC – Safescript (2018)

ERRCD based

S4D and S8

Initially voluntary, planned mandatory



## WA – ERRCD (Late 2018 ?)



## NSW – ???

(10 May 2018) NSW Chief Pharmacist, Dr Judith Mackson, told Deputy State Coroner Harriet Grahame that, despite government commitments to rolling out the service, the potentially lifesaving system was still far from being realised.

“A timetable for implementation has not been developed, and the costs to NSW to implement real-time prescription monitoring have not been determined”.

SafeScript (VIC): <https://www2.health.vic.gov.au/public-health/drugs-and-poisons/safescript>

ERRCD (WA): [https://www2.health.wa.gov.au/Articles/N\\_8/Prescription-monitoring-in-Western-Australia](https://www2.health.wa.gov.au/Articles/N_8/Prescription-monitoring-in-Western-Australia)

NSW: <https://www.smb.com.au/national/nsw/no-timeline-to-roll-out-service-to-end-doctor-shopping-court-told-20180510-p4ze10.html>



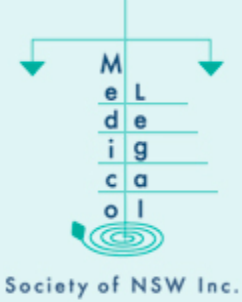
## REAL TIME PRESCRIPTION MONITORING

Information is not enough

What about the patients?

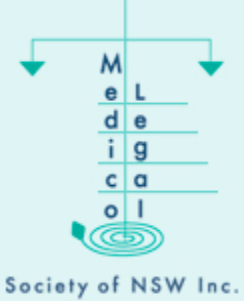
Whose job is it anyway?

# THE MEDICO-LEGAL SOCIETY OF NSW INC.





# THE MEDICO-LEGAL SOCIETY OF NSW INC.



UNSW  
SYDNEY

National Drug & Alcohol  
Research Centre  
Medicine

NDARC

National Drug &  
Alcohol Research Centre

Home > Projects > Improving GP prescribing of pharmaceutical opioids

Improving GP prescribing of pharmaceutical opioids

<https://ndarc.med.unsw.edu.au/project/improving-gp-prescribing-pharmaceutical-opioids>

## 'We're the ones creating problems for GPs': Hospital acts on addictive drug

Esther Han



<https://www.avonadvocate.com.au/story/4857964/were-the-ones-creating-problems-for-gps-hospital-acts-on-addictive-drug/>

EXCLUSIVE NATIONAL NSW INVESTIGATION By Michael Evans  
1 June 2018 — 4:49pm

## When chemists go bad: wave of drug store dealers caught pill pushing

There were 12,100 tablets of clonazepam, 30 syringes of testosterone, 500 tablets of diazepam, 280 tablets of morphine and a cocktail of other restricted drugs.

<https://www.smh.com.au/national/nsw/when-chemists-go-bad-wave-of-drug-store-dealers-caught-pill-pushing-20180531-p4zmf.html>

## Origins of an Epidemic: Purdue Pharma Knew Its Opioids Were Widely Abused

A confidential Justice Department report found the company was aware early on that OxyContin was being crushed and snorted for its powerful narcotic, but continued to promote it as less addictive.

By Barry Meier

The headquarters of Purdue Pharma in Stamford, Conn. Federal prosecutors said the company knew of "significant" abuse of OxyContin soon after it came on the market, but hid that information. (Graphic illustration for The New York Times)



<https://www.nytimes.com/2018/05/29/health/purdue-opioids-oxycontin.html>

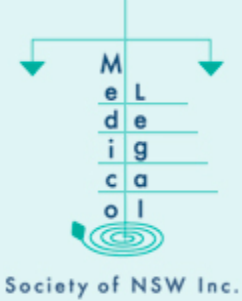


## Are doctor-shoppers really at the heart of our opioid crisis?

"I sort of look at it now and think why did this doctor prescribe nearly 2,000 tablets to my son in four weeks".

<http://www.abc.net.au/radionational/programs/lawreport/2017-11-21/9167378#transcript>

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## *Origins of an Epidemic: Purdue Pharma Knew Its Opioids Were Widely Abused*

A confidential Justice Department report found the company was aware early on that OxyContin was being crushed and snorted for its powerful narcotic, but continued to promote it as less addictive.

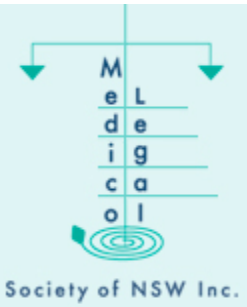
By Barry Meier

May 29, 2018

The headquarters of Purdue Pharma in Stamford, Conn. Federal prosecutors said the company knew of “significant” abuse of OxyContin soon after it came on the market, but hid that information. George Etheredge for The New York Times



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## FORMULATIONS

Image:

<https://www.pexels.com/photo/bunch-of-white-oval-medication-tablets-and-white-medication-capsules-159211/>



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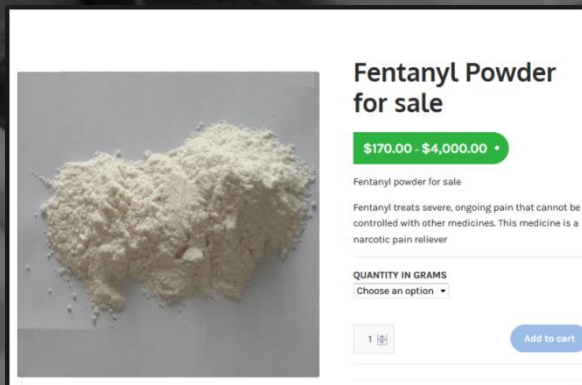
## THE LANCET Psychiatry

The effect of a potentially tamper-resistant oxycodone formulation on opioid use and harm: main findings of the National Opioid Medications Abuse Deterrence (NOMAD) study

Briony Larence, PhD, Timothy Dobbins, PhD, Amy Peacock, PhD, Robert Ali, MBBS, Raimondo Bruno, PhD, Nicholas Lintzeris, PhD, Michael Farrell, FRCP, Louisa Degenhardt, PhD

Published: 10 January 2018

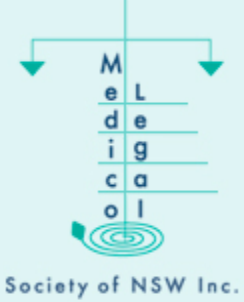
2.9 million Australians were prescribed opioids in 2014, compared with 93,000 people who injected drugs. As a population-wide strategy to reduce harm of overuse or over prescription of opioids, tamper resistant preparations “reduced tampering among people who inject drugs, but did not affect population-level opioid use or harm”



Lancet: [https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366\(18\)30003-8/fulltext](https://www.thelancet.com/journals/lanpsy/article/PIIS2215-0366(18)30003-8/fulltext)  
<http://medicalrepublic.com.au/tamper-proof-opioids-failed-saviour/12478>

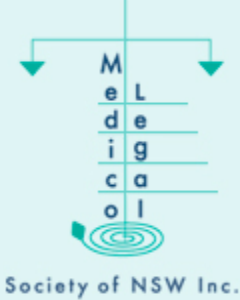
Fentanyl: <https://www.rehabnear.me/inject-fentanyl-patch/>  
<http://radio.wosu.org/post/fentanyl-spreads-dealers-now-targeting-african-americans>

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REGULATION

# THE MEDICO-LEGAL SOCIETY OF NSW INC.



Australian Government  
Department of Health  
Therapeutic Goods Administration

## Consultation: Prescription strong (Schedule 8) opioid use and misuse in Australia – options for a regulatory response

23 May 2018

This consultation closed on 2 March 2018.

### Invitation to comment

The TGA sought comments from interested parties on options for a regulatory response to the potential misuse of prescribed Schedule 8 (S8) opioids in Australia.

Possible options (which are not mutually exclusive) include:

- **Option 1:** Consider the pack sizes for strong (S8) opioids
- **Option 2:** Consider a review of the indications for strong (S8) opioids
- **Option 3:** Consider whether the highest dose products should remain on the market, or be restricted to specialist/ authority prescribing
- **Option 4:** Strengthening of the Risk Management Plans for opioid products
- **Option 5:** Review of label warnings and revision to Consumer Medicines Information
- **Option 6:** Consider incentives for expedited TGA review of improved products for pain relief and opioid antidotes
- **Option 7:** Potential changes to use of appendices in the Poisons Standard to provide additional regulatory controls for strong S8 opioids (this could potentially include controls of prescribing for particular populations or classes of medical practitioners, additional safety directions or label warning statements, specific dispensing labels).
- **Option 8:** Increase health professional awareness of alternatives to opioids (both S4 and S8 opioids) in the management of chronic pain.

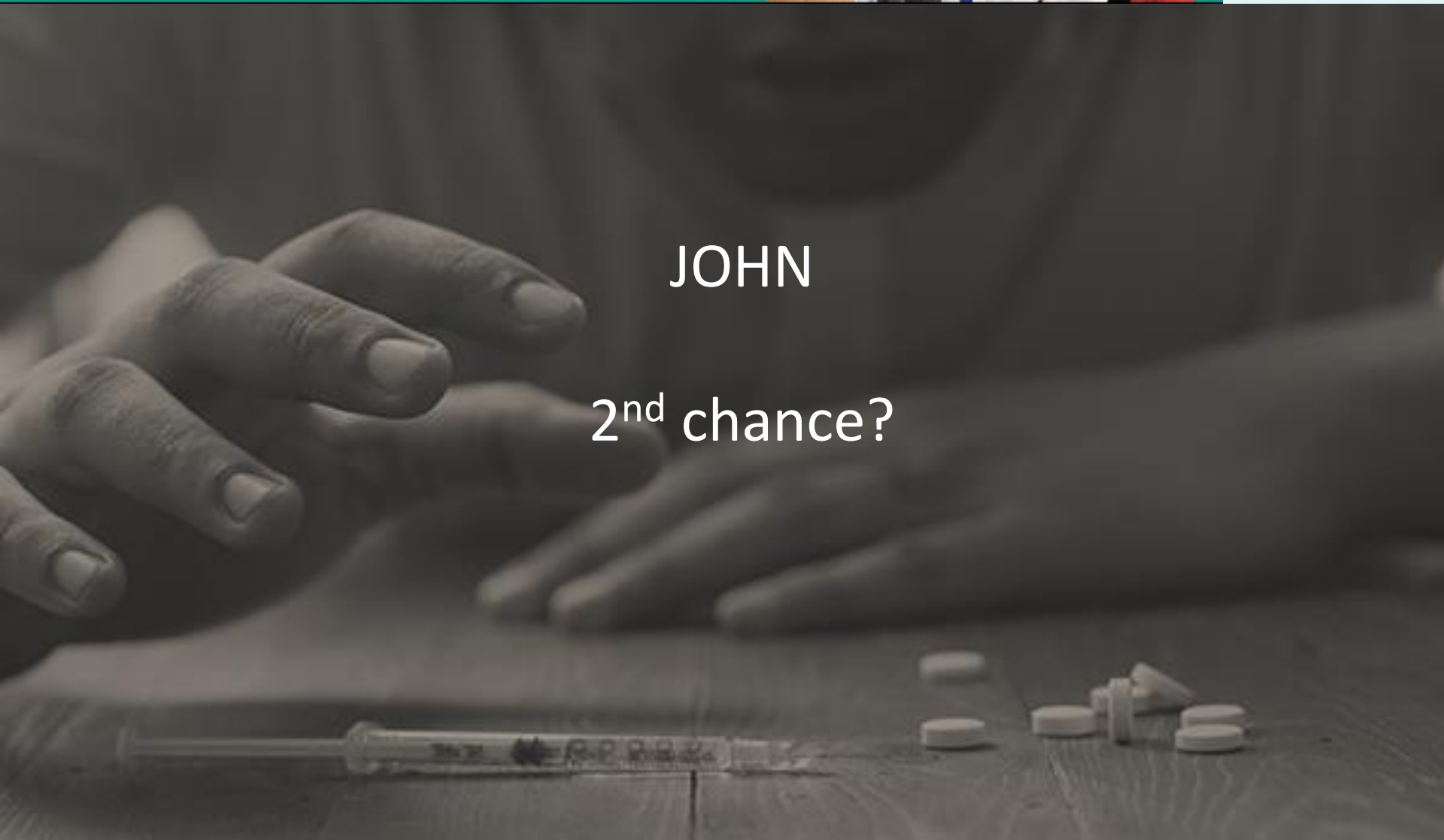


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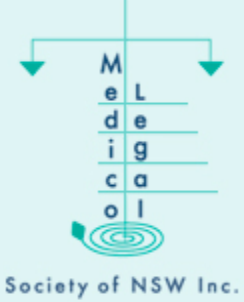


JOHN

2<sup>nd</sup> chance?



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## Prescription overdoses – Drugs of addiction



Image:

US Dept. Agriculture <https://www.flickr.com/photos/usdagov/27854267179/>