

Alcohol intoxication

The downside of alcohol



Professor Edward Ogden PSM

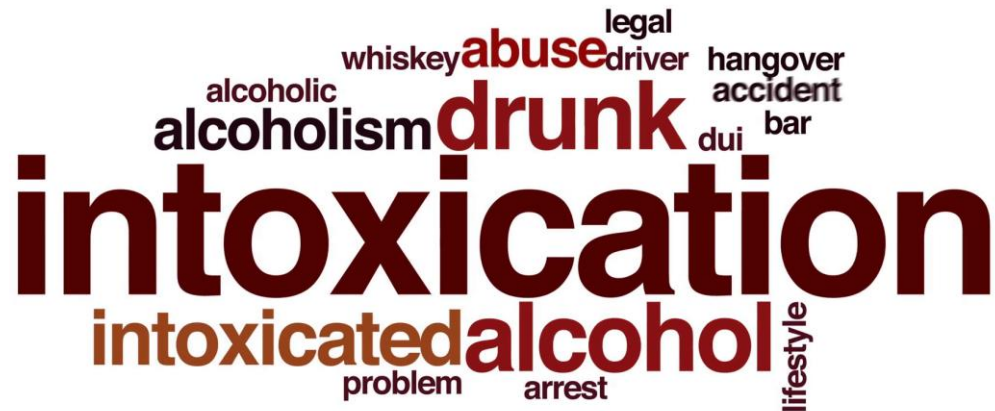
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What do we hope to achieve?

- Intoxication

“the state of being intoxicated”

- Merriam-Webster



1606 – 4 Jac 1 c5

“odious and loathsome sin of drunkenness”

3 JAC. I.	6°—7° Martii.	279
Resumption of some of his Gifts.— Such as have been spared, to give freely something.— No further Charge in ordinary Subsidies. Mr. Martin.—The State of the Question altered.— 1. Marier, Mr. Chancellor, Sir John Fortescue, of the Parliament-house, and ever since.— Prerogative and Liberty, Captious Questions.— Theodosius Emperor, like our King.— <i>Princeps, quan- vis sit solutus legibus, legibus tamen dirigitur.</i> — As I am <i>animus legi</i> , I will see the Law executed.— <i>Ignescum pecus</i> , Parveyors.—Drones of the Common- wealth.— Licence of Alienations, 60,000 <i>l.</i> —Pardoned at his Coronation.— <i>Pax et justitia osculati sunt illum</i> .—In the King's Time.— The Necessity of the engaged Realm.—The Realm must pay the Credit.— Advantage of every Subject in a foreign Debt.— <i>Jus representationis</i> .— <i>Gratia ad officio</i> , &c.—To do it quickly, and cheer- fully.— No Conference, but a Committee for our own Officers.— Take the Thanks ourselves.	<i>H. Poole, Sir Fr. Bacon, Sir John Hougham, Sir Fr. Bar- roughs, Sir Geo. St. Paul, Sir Wm. Fleetwood, Sir Tho. Ridgeway, Sir John Shirley</i> .—To-morrow, Chaucer Chamber. Composition disputed. <i>Sir Francis Bacon</i> .—A compact Transaction:—Com- position breeds mistaking.— Quest, now Conventency.— Neither against the Prerogative, nor against public Good.— Fawning upon Superiors:—Pleasing a Multitude.— <i>In altero falsa species servituti: In altero falsa species libertatis</i> .— <i>Humores moti, et non remoti, morbum aggregant</i> .— <i>Nec insidius cati capere scirent</i> .— First Years of a King.—Dancing.—Triumphs:— After-thoughts of Ambition.— Sinews of Wars in Coffers, as to have the Sinews of Peace in Parchment.— Practice of Powder a <i>Supernodas</i> to other Practices.— Their Despairs dangerous, but their Hopes more dan- gerous.— Objections:— A perpetual Tax. <i>Jus</i> . A Time of Probation.— Payments certain.—Royalties:—Casualties:—As Fines for Alienation, Wards, Fines of Alienations. 2. New Precedent. A new Precedent of an Offer.—Discharge him now, or never.— 3. Precedent to redeem Vexations.— Prerogative buying. 4. Prerogative evicted, Dishonour:— Dismissed, Honour.— 5. King cannot part with his Prerogative.—Quest. of Security.— Whether he should live upon * * * * Laws, that trench to the right, bind the Prerogative; not simple Prohibitions. 6. Subsidy upon Tonnage and Poundage.— The Statute maintain in the Ground. 7. Instance of Prizage.— Butlerage and Prizage ancient Rights of the Crown. —No Affinity. 8. Compositions already displeasing.— Compositions no Squire for this we shall now make.— The Green-cloth shall never deal with this. 9. Buying of Justice.—	
Opwell's Estate.	T HE Bill for the Establishing of the Manor of <i>Cruel- feld</i> , in the County of <i>Harrowick</i> , to Geo. Opwell Gentleman, brought in from the Committee by Sir <i>Ede. Grevill</i> ; and, upon the Question, dashed.	
Fees in Courts.	The Bill, what Fees shall be paid by the Plaintiff and Defendant, for Copies out of every Court of Record, &c. reported by Mr. <i>Breck</i> , as fit to sleep, from the Commis- sioners; the <i>(c)</i> Delivering, that the Commissioners thought the Fees not fit to be dealt with: but if any would prefer a new Bill, touching the Abuse of Copies, he might.	
Leases.	The Bill for Confirmation of Leases against Patentees of the Inheritance, reported from the Committee, as thought fit to sleep.	
Drury Lane.	1. Reading.—The Bill for the Paving of <i>Drury Lane</i> .	
Drunkenness.	1. Reading.—The Bill against the loathsome Sin of Drunkenness.	

“Whereas the loathsom and odious sin of drunkenness is of late grown into common use within this realm, being the root and foundation of many other enormous sins, as blood shed, stabbing, murder, swearing, fornication and the such like, to the great dishonour of God, and of our nation, the overthrow of many good arts and manual trades, the disabling of divers workmen, and the general impoverishing of many good subjects, abusively wasting the good creatures of God ...”



Seeing the Clear Light of Day: Expert Reference Group on Decriminalising Public Drunkenness

Report to the Victorian Attorney-General

August 2020



Gin as a social evil (1751)



Gin, cursed Fiend, with Fury fraught,
Makes human Race a Prey.
It enters by a deadly Draught
And steals our Life away.

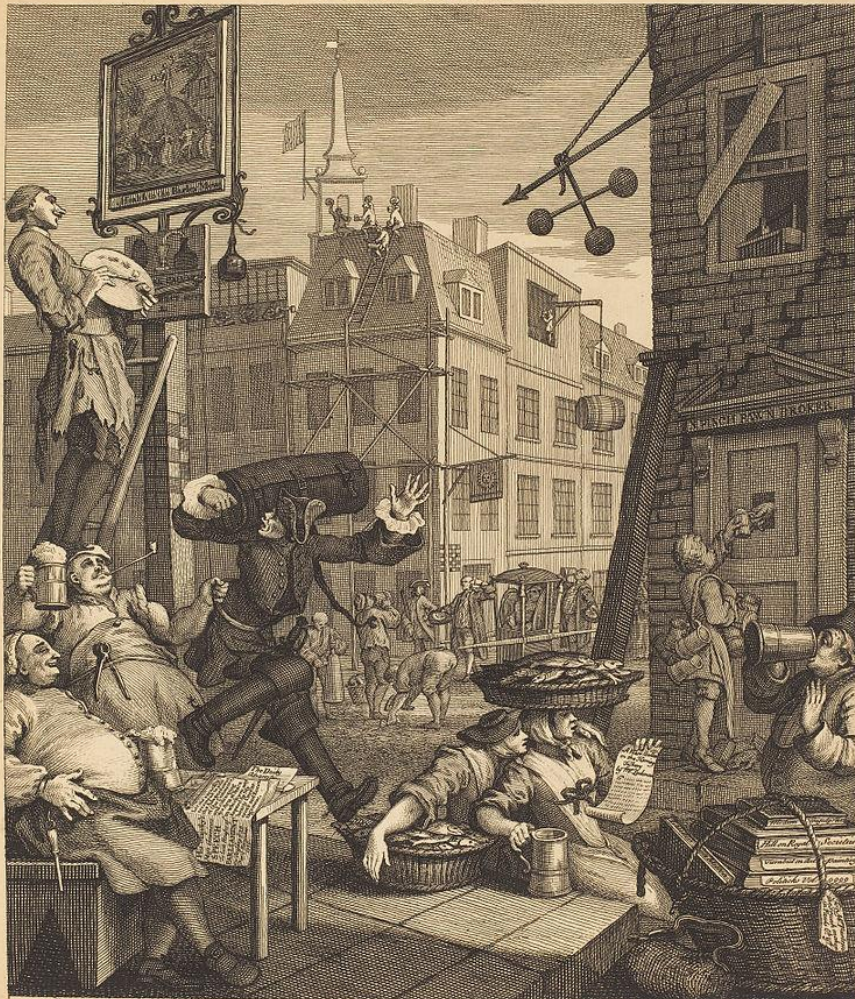
Virtue and Truth, driv'n to Despair
Its Rage compells to fly,
But cherishes with hellish Care
Theft, Murder, Perjury.

Damned Cup! that on the Vitals preys
That liquid Fire contains,
Which Madness to the heart conveys,
And rolls it thro' the Veins.

Beer as a social good!



BEER STREET.



*Beer, happy Produce of our Isle
Can sinewy Strength impart,
And wearied with Fatigue and Toil
Can cheer each manly Heart*

*Labour and Art upheld by Thee
Successfully advance,
We quaff Thy balmy Juice with Glee
And Water leave to France.*

*Genius of Health, thy grateful Taste
Rivals the Cup of Jove,
And warms each English generous Breast
With Liberty and Love!*



Healthy Communities

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Can sinewy Strength impart,
And wearied with Fatigue and Toil
Can cheer each manly Heart.*

*Labour and Art upheld by Thee
Successfully advance,
We quaff Thy balmy Juice with Glee
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Rivals the Cup of Jove,
And warms each English generous Breast
With Liberty and Love.*

Engraved by W. Baynes. Published according to Act of Parliament, Vol. 4. 1794. Price 1s.

What killed Amy Winehouse?



- Blood alcohol concentration of 0.450%



Despite being
“in recovery”

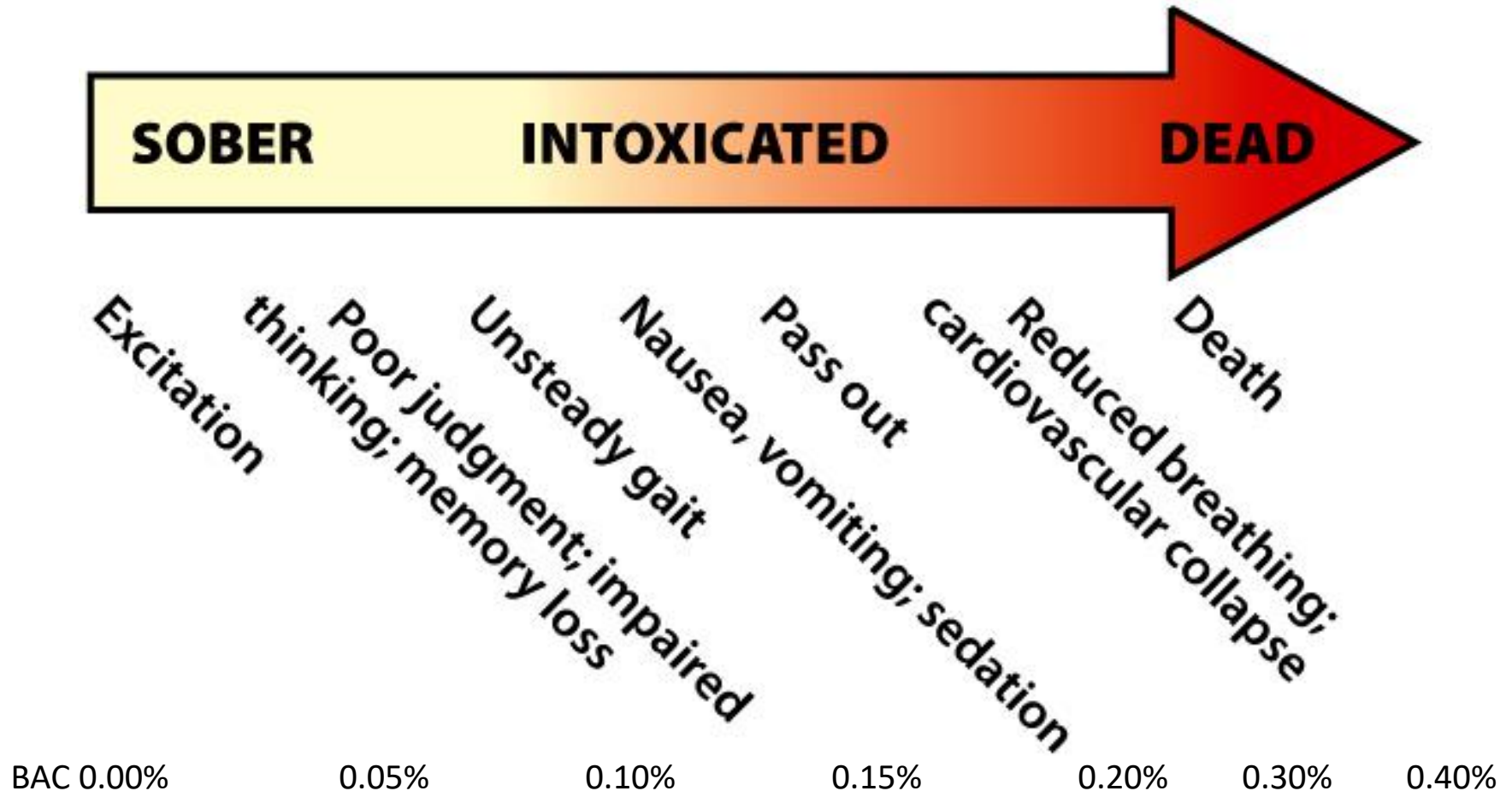


Why not use this
to inform people
of the harms of
alcohol?



Blood alcohol 450mg/%
= 5.5 x legal driving limit

Intoxication is a continuum





Very High BAC – 1.127%

SURVIVAL AFTER A BLOOD ALCOHOL OF 1127 mg/dl

SIR,—A 59-year-old, 66 kg man was admitted after consumption of two and a half bottles of whisky over a few hours in a suicide attempt. There was no history of chronic alcoholism but the patient had had endogeneous depression in the preceeding weeks.

He was deeply comatose, with a temperature of 32°C. Laboratory tests revealed hypoxaemia and acidosis. His serum ethanol concentration on admission was 245 mmol/l (1127 mg/dl), and 12 h later it was 123 mmol/l (566 mg/dl). He required artificial ventilation and fluid therapy and vasopressors for the shock and acidosis. 6 h after admission he went into asystole; spontaneous cardiac rhythm returned after 4 min of conventional emergency therapy (including adrenaline and calcium).

Who is drunk?

Swedish police doctors judged drivers “impaired”

- 50% at 0.15%
- 100% at 0.26%

Alcohol treatment centre in US

- 24% over 0.20% showed ‘no signs of intoxication’

Emergency Department in US

- Patients judged “sober” had mean BAC of 0.272%

Is he drunk?



Management of Intoxication

Airway management

- Prevent Aspiration – intubate if necessary
- Supervision

Intravenous access

- Correction of electrolytes
- THIAMINE, multivitamins, magnesium

Symptomatic treatment

- Sedation if necessary
- Antiemetic



QUESTIONS?



Healthy Communities