Lithium Suicide Prevention: A Brief Review and Reminder

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> I beg your patience and understanding. Most standing I do focused fourty five degrees looking away from you. Oh my god I feel so sick.



And how this is the best way for you to sit?

	Dogma is money.		
I'm going to not well like,	the holy basilisk,		gunny serpent.
Lo' given time to reflect.	Learning to		chop down.
	In a year and half, we have to have it figured out.		
One ought to be not, so much by then.	Simply filler,	and	coloring agents.
Let's recall what anniversary is,	oh,	do remember what	at she is wearing.
	Black frills, is wild so trite	?	

This remains, the best way for us to walk, jacket don, beguile drifter flakes.

Memory faint, petite, cherished. As effervescent powder blue - the canvas sits in their attic, still, wet.

How much are you willing to give?

It is warm still yet, birds scratch records.

Hold our head in hands and forget.

Crows chant, "Dogma money, Dogma money".

Sharing no secrets.

How sly they must feel, out in the cold, sitting still.

Two years, we still flinch. Mouth winter-out peppermint tea. Un-become, in two odd years or some. A crow without murder. Martyr alive the snow. Startle easily, benzo-bento, amphetamine dream and lo'.

The best way to walk is swing and awe, jut and roll.

"Swicide is a major public health problem throughout the world, occurring in over 800,000 people annually. Mood disorders are a common psychopathology and are a significant risk factor for suicidality. Lithium pharmacotherapy has been shown to reduce symptoms of suicidal behavior, especially in long-term patient interventions.

Reasons for this remain unclear. Lithium treatment for individuals with affective disorders appears underutilized. Use of lithium is thought to reduce risk for suicidality, even if mood stabilization is not achieved and serum concentration is lower than the conventionally accepted therapeutic blood level ranges. In this article, the authors review the currently available literature on lithium's effect on suicidality and provide discussion on proposed mechanisms of action. This brief report serves as an important reminder to clinicians to include lithium pharmacotherapy in their armament for treatment of affective disorders, especially when symptoms of suicidality are present."

now it's computers and more computers and soon everybody will have one, 3-year-olds will have computers and everybody will know everything about everybody else long before they meet them and so they won't want to meet them. nobody will want to meet anybody else ever again and everybody will be a recluse like I am now.



Text 1: "Once you're in the system, you're in the system forever".



57% HI Solution (Hydriodic Acid):

Boiling point 125.5-126.5 deg C

Density 1.70 gr/ml

55-57% w/w HI is 0.936 to 0.99 grams of HI per ml.

Reaction: H2S + I2 == >> 2HI + S

In a fume cupboard a 1.5 three neck flask is added a mixture of 480 grams of iodine and 600 mls of distilled water. The centre neck is added a sealed stirring unit which leads almost to the bottom of the flask. The left neck is fitted and sealed with a glass tube which extends almost to the bottom of the flask but does not touch the stirrer. This is connected to the hydrogen sulphide (H2S) generator. The right neck is fitted and sealed with a plastic tube to the bottom of an inverted funnel in a 5% sodium hydroxide solution.

The mixture is vigorously stirred and a stream of hydrogen sulphide (H2S) gas is passed rapidly in the iodine/water mixture as rapidly as it reacts with the iodine. After several hours, 2-3 hours, the iodine disappears and the liquid assumes a yellow colour (sometimes almost colourless) and most of the precipitated sulphur sticks together in the form of a hard lump.[NOTE 1] This liquid contains a mixture of HI, H2S and S. The liquid is now filtered through a large funnel plugged with glass wool to remove the sulphur S. No need removing the dissolved H2S as this enhances the reductive power. Add a few crystals of iodine to this HI/H2S solution and store at 0-5 deg C.

[NOTE 1] The sulphur lump in the flask can be removed by refluxing with concentrated nitric acid.

Reduction of Ephedrine HCl to Methamphetamine

Ephedrine HCl, molecular weight MW = 201.73 grams/mole

Ephedrine Freebase, molecular weight MW = 165.23 grams/mole

PROCEDURE 1:

A mixture of 80.7 grams (0.4 mole) of EPHEDRINE HCl, 20 grams of red phosphorus and 170 mls of 57% hydriodic acid is refluxed for 25 hours. Stopping refluxing after 25 hours, and allowing to stand at room temperature for another 12 hours. A total of 37 hours. After this time a large amount of crystalline material has seperated out from the solution.

The reaction mixture was diluted with 700 mls of distilled water and filtered to remove the red phosphorus. [NOTE 2] The yellow filtrate was treated with a few crystals of sodium thiosulphate to remove any free iodine.[NOTE 3] It is then made basic with 40 % sodium hydroxide solution.

The liberated freebase methamphetamine which seperates is solvent extrated with two, 75-100 ml ether portions and the ether/amine solution is first washed with 50 mls of distilled water and the ether/amine solution dried with anhydrous sodium carbonate.[NOTE 4] After removal of the ether, the oil was vacuum distilled at a vacuum of 15 mmHg at 93 degC.[NOTE 5] The yield is 80 - 88%

[NOTE 2] Rinse the red phosphorus with a little distilled water and collect with other filtrate. Use suction filtration.

[NOTE 3] Add one or two crystals at a time and mix. Then add more sodium thiosulphate in one or two crystal portions until the filtrate shows no red or purple iodine.

[NOTE 4] Anhydrous magnesium sulphate can be used and rinse with a little ether to extract all the freebase out.

[NOTE 5] The oil is a mixture of methamphetamine and iodo-ephedrine. It is very difficult to vacuum distil the methamphetamine out alone. A better method is to reduce the iodo-ephedrine/methamphetamine oil residue with lithium aluminium hydride in ether. The iodo-ephedrine is easy reduced further to methamphetamine.

PROCEDURE 2

In a 500 mls round-bottom flask is added 150 mls of glacial acetic acid, 15 grams of red phosphorus, and 33.50 grams of iodine.[NOTE 6] The mixture is allowed to react for 15 - 20 minutes, until all of the iodine has reacted. Then add 10 mls of distilled water and mix, then add 8.07 grams (0.04 mole) of EPHEDRINE HCl, and mix. A reflux condenser is added to the 500 mls round-bottom flask and the mixture is gently refluxed (gently boiled continuously) for 2 and 1/2 hours. The hot mixture is suction filtered while still hot to remove the excess red phosphorus.[NOTE 7] The hot filtrate is added slowly by pouring into a solution of 20 grams of sodium bisulphite in 1 liter of distilled water. The solution is made basic and solvent extracted as above using two 100 ml portions of ether, washed and dry.[NOTE 4] The oily residue extracted (after removing the ether) is a mixture of methamphetamine, iodo-ephedrine and minor amount of acetic ester ephedrine.[NOTE 5]

[NOTE 6] Alternatively, 150 mls of hot distilled water, 15 grams (0.48 moles) of red phosphorus, and 33.50 grams (0.132 moles) of iodine in small 3-5 gram portions is added. The mixture is allowed to react for 15-20 min, until all of the iodine has reacted. Then add 8.07 g (0.04 mole) of EPHEDRINE HCl and follow Procedure 1. The yield is 80-88%

[NOTE 7] Have some hot glacial acetic acid on hand to rinse the flask and the filtered red phosphorus.

Calculation of HI to Ephedrine Ratio

In Procedure 1 and 2, two moles of HI react with one mole of Ephedrine giving Methamphamine and I2.

Ephedrine + 2HI ==>> Methamphetamine + I2 + H2O

Therefore the Ephedrine:HI ratio is theoretically 1:2, but to assure that the reaction goes to completion, the actual ratios used above are 1:3.3

This ratios has been calculated as follows:

Procedure 1:

1 ml of 57% HI = 0.99 grams of HI

170 mls of 57% HI = $(170 \times 0.99) = 168.3$ grams of HI = 1.32 moles HI

Since we use 0.4 moles of Eph then (1.32/0.4) = 3.3

Since the reaction of phosphorus, iodine and water is **2 P + 3 I2 + 6 H2O --> 6 HI + 2 H3PO3** the ratio of HI:I2 is 3:3

Procedure 2

For every 0.04 moles of Eph, then $(0.04 \times 3.3) = 0.132$ moles of HI, since the ratio of HI:I2 is 3 : 3 = 1, then we need 0.132 moles of I2 = 33.50 grams of I2.

For educational purposes only^

FENTANYL PRODUCT FAMILY					
Product Descriptions	Mallinckrodt Product Code	CAS II	Monographs	Filing Types	Additional Comments
Fentanyl Alkaloid	0129	437-38-7	USP/EP	DMF/ASMF/CEP	Canadian DMF also available
Fentanyl Alkaloid Powder	5527	437-38-7	USP/EP	DMF/ASMF/CEP	Canadian DMF also available
Fentanyl Citrate USP Fine Powder	1344	990-73-8	USP/EP	DMF/ASMF/CEP	
Fentanyl Citrate USP Powder	1205	990-73-8	USP/EP	DMF/ASMF/CEP	
Fentanyl Citrate USP Special	1130	990-73-8	USP/EP	DMF/ASMF/CEP	

HYDROCODONE PRODUCT FAMILY					
Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Hydrocodone Base	1449	125-29-1	N/A	DMF	
Hydrocodone Bitartrate USP	1559	34195-34-1	USP/EP	DMF/ASMF	Canadian DMF also available

HYDROMORPHONE PRODUCT FAMILY					
Product Descriptions	Mallinckrodt Product Code	CAS #	Monographs	Filing Types	Additional Comments
Hydromorphone Hydrochloride USP	3222	71-68-1	USP/EP	DMF/ ASMF	Canadian DMF also available

Mallinckrodt Pharmaceuticals produces the world's most diverse line of bulk medicinal controlled substances and is a world market leader. Our controlled substance product line includes natural opiates such as morphine sulfate and codeine phosphate.

Mallinckrodt offers semi-synthetic controlled substances such as hydrocodone, hydromorphone, and oxycodone obtained by chemical synthesis from natural opiates which are used to treat higher levels of pain than natural opiates. In addition, opioid antagonist products such as naloxone and naltrexone are available.



"To Dispose of Opioids – Go to a LOCAL POLICE STATION and ask about DRUG TAKE BACK" "Check the FLUSH LIST"

"these powerful drugs are not intentionally misused" "FDA RECOMMENDS FOR IN THE TRASH FDA RECOMMENDS THAT YOU MIX THEM WITH AN UNAPPEALING SUBSTANCE – DON'T CRUSH PILLS -SCRATCH OUT PERSONAL INFORMATION FROM THE PACKAGING."

In addition, Mailinckrodt is the world's largest producer of nosceptine products which is primarily used in the cough/cold market internationally.

treat Attention Deficit/Hyperactivity Disorder (ADHD).

Synthetic-based products include methylphenidate and fentanyl, a strong synthetic controlled substance used to relieve moderate to severe pain, methadone for heroin (opiate) addiction and methylphenidate to

good that's a lot of that's;a lot of dope that's big time

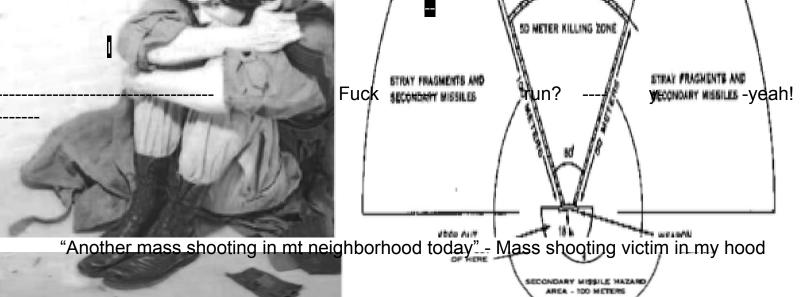
"Man in suit arrested with kilograms of fentanyl – other man in suit with him visibly concerned – both men remain silent and both have no criminal records to this day because -How did the officer know to trust his intuition and search the suspicious driver's vehicle? Probable cause? Yeah they were clearly hiding something and acting like they got caught soon as they got pulled over. Does it matter? Ask John F Kennedy, Ask war veterans." "FUCK! Never-mind don't ask, run! RUN!"

There was a magic shop in the arcade. And a man with a gray beard. He knew how to do all of the illusions.

I would point to a white and red cylinder on the wall behind him. "No, that trick is eighty dollars." My mother would scoff with the man already nodding in correspondence of her disagreement. I light up when things are too high for me to reach. I buzz with florescence and hidden knowledge. I loose all self doubt and jump ahead when I can learn something, experience something that makes mothers scoff and bearded magicians rub their eyes.

250 NETERS FROM WEAPON

"Not even I know how to do that one. There's a magician named Bruce Spengler who could take a railroad spike and pop." He punched into his left forearm with his closed right fist. "Push it straight in through one side and out the other!" My mother made more noises of disapproval, maybe she spoke an entire paragraph, all that had gone fuzzy as the man's gray black-static beard. I am Harry Anderson and I am Bruce Spengler, I did know it in my full being, as my gaze drifted into vignette the hatted man on the cylinder. I will be like this some day, sooner than I know.



Donning her helmet she turns up gaxing! (gazing from the chest, eyes secondary to observation) "you're a special bird" says the firefighter to the corvid. The corvid squawks every human word the world let him mimic. A crow croons back head beak bleeting songbird whispers who's singers are now extinct. "I own a house-cat"

says the bird the brave little fire-beetle who says she does not feel herself lately.

They shout jinx when reminding one another-"YOU BE SAFE! TODAY, IS A DANGEROUS DAY!"

Because the Raven, like a writing desk, is a full canvas on stilts. She is a painter, and deserves to

be paid better but volunteers to hang around smoke on the thirteenth floor for what if inside there are more like her?

There are not, Magpie proves this when he takes off with the woman's ring and, - still Holding her necklace -cuts me across the mouth. I stumble backwards, concussing myself in

a pile of oil barrels. Hot blood and cold rainwater mix and loose for two days. Now I gotta kill me a bitch. I hate killing bitches, it's more quiet to shoot em broad day compared to the screaming one puts up with if you think it's as simple as blunt force trauma.

Only bleach poisoning is disabled