

# LOW DEAD SPACE

NEEDLES & SYRINGES

WHAT

WHY

**WHAT**  
ARE THEY?

**WHY**  
USE THEM?

**LOW DEAD SPACE**  
NEEDLES & SYRINGES

 **DEAD SPACE**



DEAD SPACE is the space between  
the needle and the plunger

DEAD  
SPACE

DEAD  
SPACE

DEAD SPACE

*What is it?*



**BLOOD & DRUG** remain in the  
dead space after injecting



**BLOOD AND DRUG**

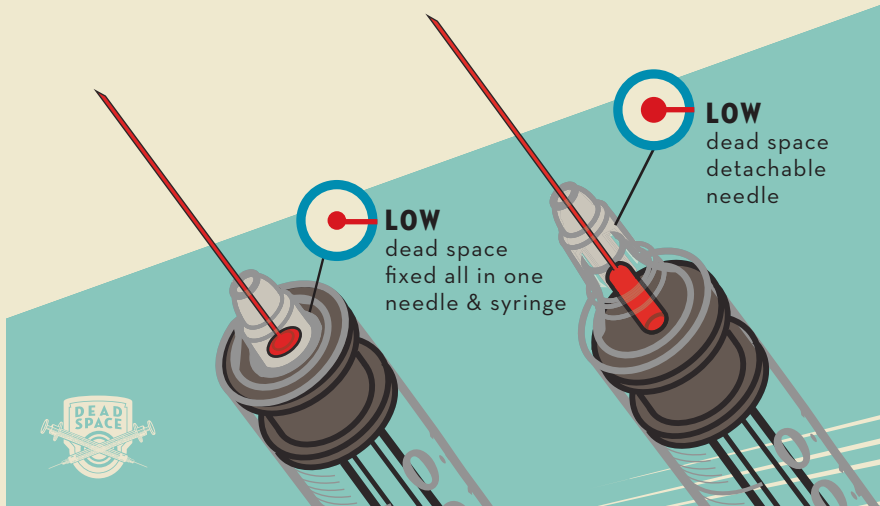
**BLOOD AND DRUG**

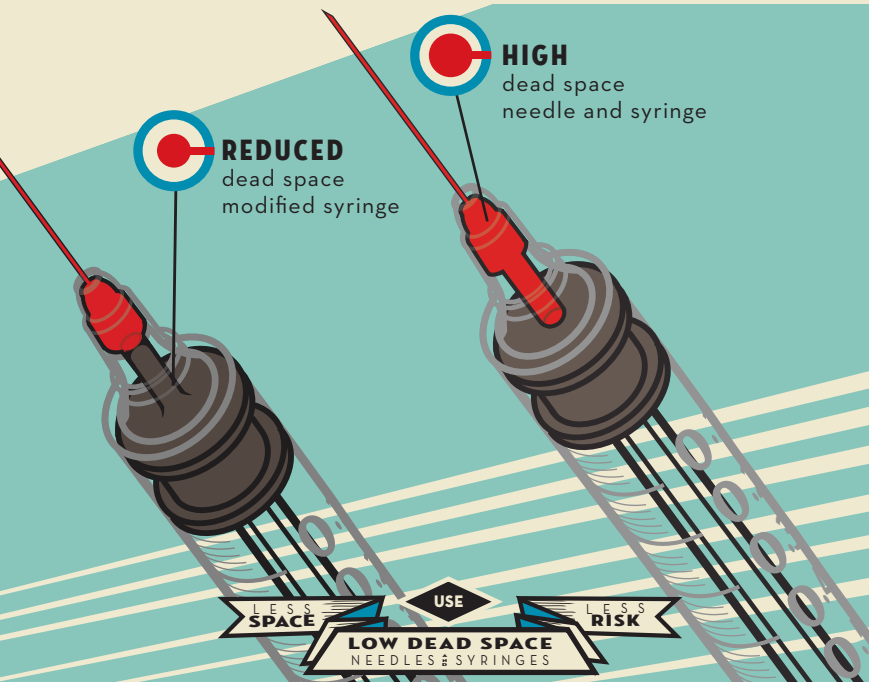
**BLOOD**  
may contain  
HIV and Hep C

**DRUG**  
is wasted

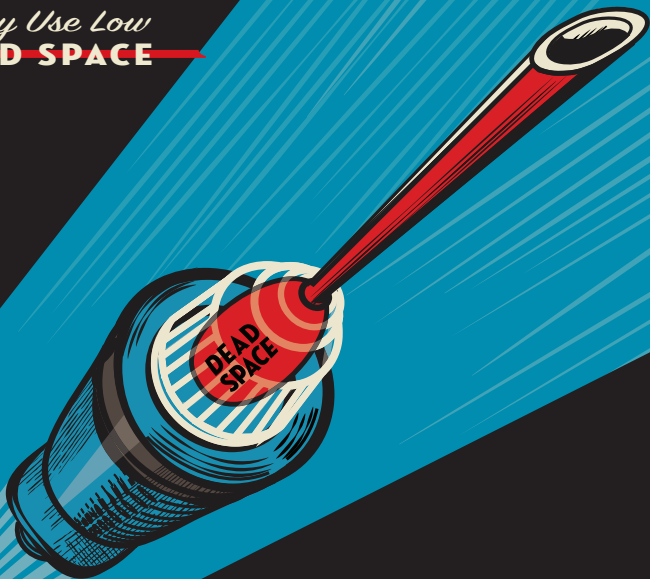


Some needles and syringes have lower dead space than others





*Why Use Low*  
**DEAD SPACE**



Why use low dead space needles and syringes?



## LESS BUGS

Less risk of  
HIV & HEP C



## MORE DRUGS

Less drug is  
wasted



## EASY CLEAN

Easier to get rid of  
viruses if cleaning



## NO FLUSH

No need to flush  
which damages veins





IF YOU HAVE TO REUSE



Use Low  
**DEAD SPACE**

FOR

*Easy Cleaning*

**Rinsing**

*is more effective with  
LOW DEAD SPACE  
Needles & Syringes*





BE WISE

# STERILISE

Fill two cups with cold water and one cup with thin bleach

1

Draw up water



Flush



2

Draw up thin bleach



Flush



3

Draw up water



Flush



One rinse removes the bleach

EASY  
CLEAN

USE

LESS  
RISK

LOW DEAD SPACE  
NEEDLES OR SYRINGES

Low dead space needles and syringes are easier to clean



**DEAD SPACE**

*Visit your local*



**EXCHANGE**



**FOR**

**ADVICE**

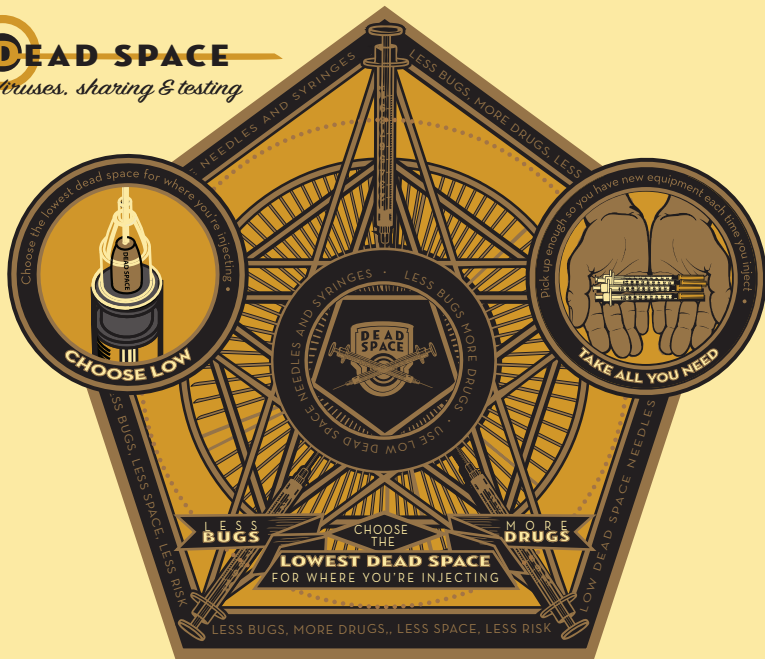
**ANY  
CONCERNS**

*about*

**ANY  
ISSUES**

**CHOOSING THE RIGHT  
NEEDLES & SYRINGES**





Choose the lowest suitable dead space and take all you need



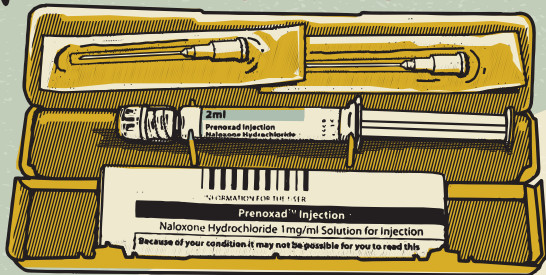
Mark or use coloured syringes - Keep works separate - Get tested

**DEAD SPACE**  
*& Naloxone Kits*

# Naloxone



## SAVES LIVES



If you open, use or damage your Naloxone kit  
return it for a replacement



**Low dead space detachable needles DO NOT fit on Prenoxad kits (Naloxone) and some other barrels**



**DEAD SPACE** is the space between the needle and the plunger when the plunger is pushed all the way down. Blood and drug remain in the dead space after injecting. Some works have a higher dead space than others so there's more blood and drug left. This blood could contain viruses like HIV or Hepatitis C.

The lower the dead space, the smaller the amount of blood left inside and the lower the risk of catching viruses if works are accidentally shared. **Low dead space needles and syringes** have less space, so there is less risk.

**If you use low dead space needles and syringes:**

- Less chance of catching viruses if you accidentally share works
- Less drug is wasted
- No need to flush as flushing damages veins
- Easier to clean out any viruses from low dead space needles and syringes



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