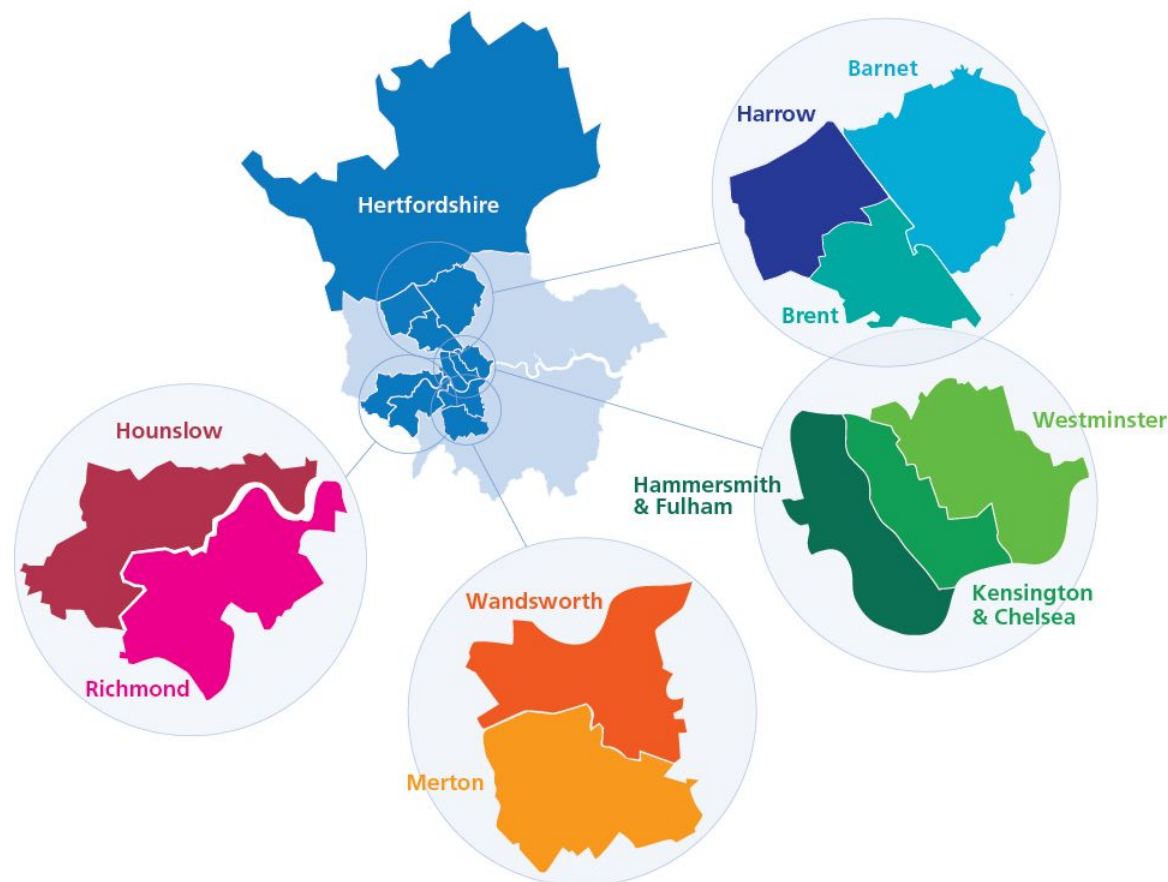


# Pabrinex Project

Nurse led Community Innovation

**Sigrid Jensen**  
Homeless Health Nurse Practitioner  
Central London Community Healthcare



Your healthcare closer to home

# Why start this project

- There are barriers for patients with complex needs to access Pabrinex injections
- Giving Pabrinex is a cost effective and simple harm reduction intervention
- There is a very established Pabrinex protocol in A&E/ hospitals
- Pabrinex offered for patients about to start detox and planning for abstinence
- Potential outcome of Thiamine deficiency (ARBD) is a devastating (and expensive) condition

# Alcohol Related Brain Damage

- ARBD- an umbrella term
- Kindling effect
- Front lobe damage
- Hepatic encephalopathy
- Wernicke's encephalopathy: is a degenerative brain disorder caused by the lack of Thiamine
- Wernicke encephalopathy and Korsakoff syndrome are not different conditions but different stages of the same disease
- Wernicke's encephalopathy can be reversed if detected and treated promptly and completely. However, improvement in memory function is slow and, usually, incomplete. Without treatment, these disorders can be disabling and life-threatening

# Thiamine

- Thiamine is an essential nutrient for the body to function
- The daily requirement of Thiamine is roughly 1mg
- The body can store up to 25-30mg so regular intake is required. Majority is stored in the liver.
- Absorption in the gut and is saturated at 10mg
- In healthy individuals, 10mg dose = 5mg absorbed
- In abstinent malnourished drinkers, 10mg dose= 1.5mg absorbed
- In drinking malnourished drinkers, 10mg= 0.8mg absorbed

# Edward Alsop Court

- 79-bed service designed for older men with complex needs
- History of homelessness
- Obvious need for Pabrinex
- Discussions within the MDT
- Started the Project 22nd July 2022

# Project to date

- First dose given 22<sup>nd</sup> July 22
- 25 residents eligible (June 2023)
- Total of 22 patients have received 1<sup>st</sup> dose of Pabrinex
- 16 has completed a course of min 3 injections
- 8 patients has completed 2<sup>nd</sup> course of pabrinex
- 2 patients have completed 3<sup>rd</sup> course of pabrinex
- Total of 93 injections given at EAC
- Rolling out across the service

## **Breakdown of patients not completed;**

- 2 declined after receiving 1<sup>st</sup> injection**
- 1 declined after receiving 2<sup>nd</sup> injection**
- 1 evicted**
- 1 moved out**
- 1 is due 2<sup>nd</sup> injection**