

Von Stief Chap 8

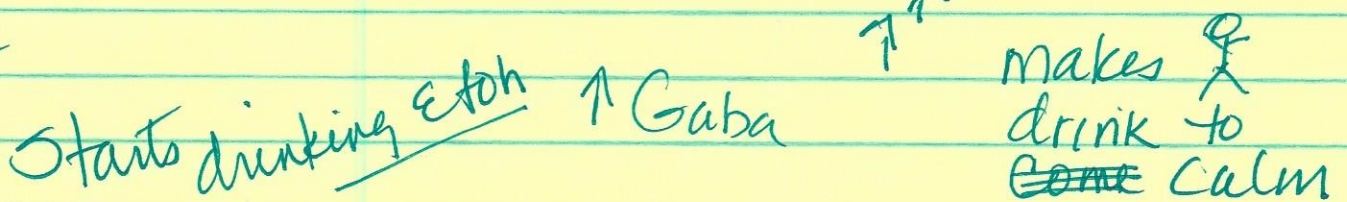
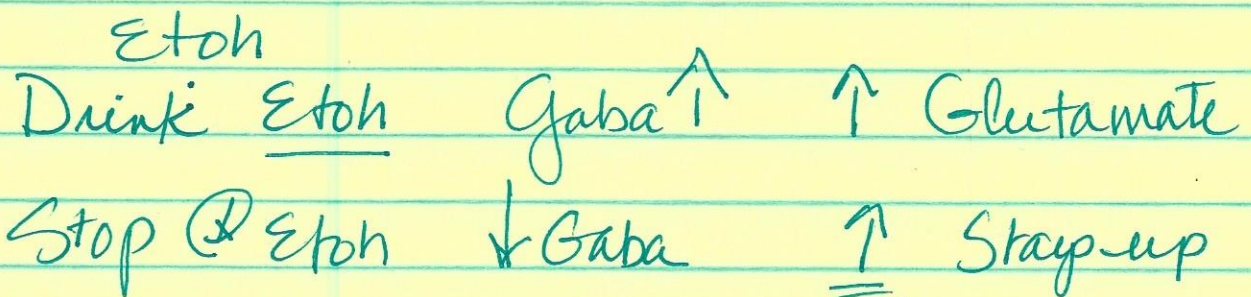
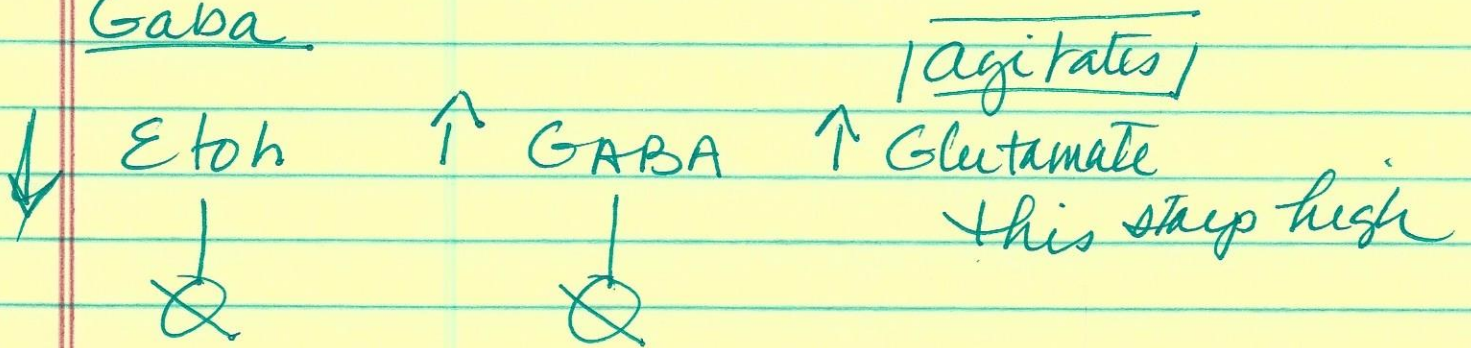
5% detox (casual 5% thrown out)

↓ ANTI-Craving med  
 ↓ affect low neurotransmitter

1) Underlying problem  
 possible neurotransmitter needs to be id'd

2) correlation  
opiate add + genetic alcoholic

Gaba



Chap 8

VS

AWS

(2)

## Levels of Acute Ethanol Withdrawal

Withdrawal during detox = NOT ethanol

=  
imbalance glutamate/  
GABA

\*  
\*  
\* Encephalopathy = |  
\* altered mental

State brain damage, malnutrition

malnutrition  
myel encephalopathy  
dehydration

Cause = Virus

anemia

metabolic

toxins

drug

trauma - CTE = football

Broad symptoms -

Mild withdrawal  $\neq$  delirium tremens HPTN. - GABA/Glutamate

Moderate = greater imbalance GABA/Glutamate

Severe = Glutamate  $\uparrow$  GABA  $\downarrow$

Seizure - Dx - electroencephalography

Relapse - Craving  $\uparrow$  desire GABA  
Grand Mal seizure vulnerable forebrain