



MEDICINE
KING SAUD UNIVERSITY



MCQs

SAQs

Summary

Alcohol and the brain

قادة فريق علم الأدوية :
لين التميمي & عبدالرحمن ذكري
الشكر موصول لأعضاء الفريق المتميزين :
روان سعد القحطاني محمد خوجة
عبدالعزيز الجاسر
حاتم النداح



pharma436@outlook.com



@pharma436

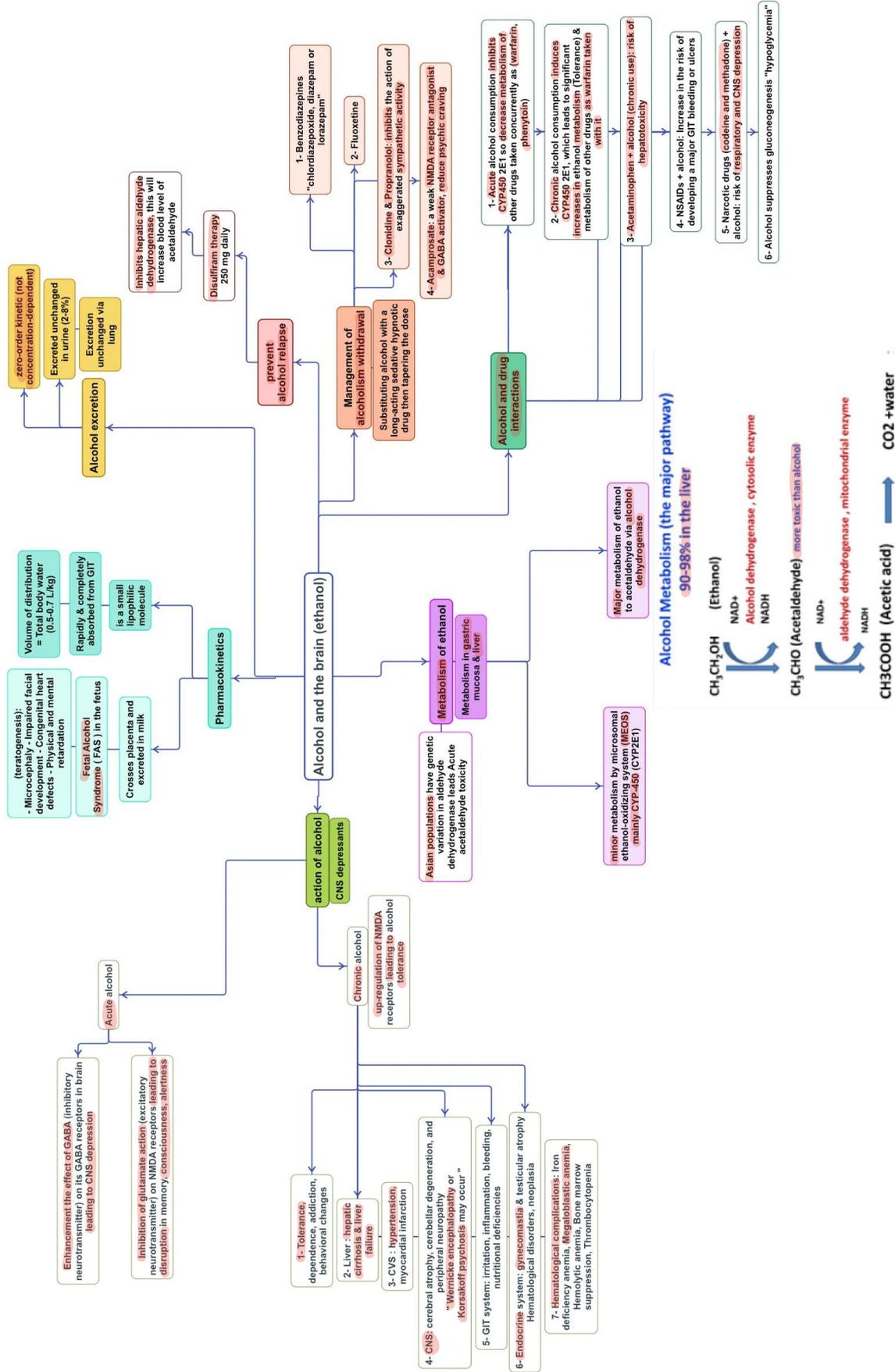


Your feedback



Kindly check the editing file before studying this document

Summary



MCQs

1) Minor metabolism of ethanol is done by MEOS " microsomal ethanol- oxidizing system " mainly is

- A) Cytochrome p450. .B) Cytochorme p45. C) Cytochorme C20

2- Acute using alcohol can lead to CNS depression due to :

- A) Increase effect of GABA. B) Decrease effect of GABA
C) Increase effect of glutamate D) Decrease effect of gluatamate

3- Acute Alcoholic person whose using warfarin which of these drug – drug interaction will occur ?

- A) Bleeding B) CNS depression C) Hepatotoxicity D) clotting formation

4- If you have diabetic and alcohol adducted patient , what you should recommend to him?

- A) Decrease the dose of Antidiabetic drug. B) Stop the Antidiabetic drug.
C) increase the dose of Antidiabetic drug. D) There is no difference

5- Asian man drink alcohol and come to you Suffers from vomiting, vasodilatation, flushing in his face what is the cause of his symptoms?

- A) Korsakoff's psychosis. B) Acute acetaldehyde toxicity. C) Hepatic cirrhosis.

6- Alcoholism patient was suffering from sever foliate deficiency which type of anemia he will develop?

- A) Megaloblastic anemia. B) Hemolytic anemia. C) Aplastic anemia

7- Alcohol diminish the production of which vitamin?

- A) Vit-C. B) Vit-B12. C) Vit-K. D) Vit- A

8- Alcohol is zero-order kinetic, which of the following is correct ?

- A) there is direct proportion between the concentration and elimination .
B) Any change in its concentration will cause toxicity.
C) Have a large therapeutic index.
D) All of above

9- Alcohol has high risk of respiratory & CNS depression, if it is combined with?

- A)Acetaminophen. B)Aspirin. C) Codeine.

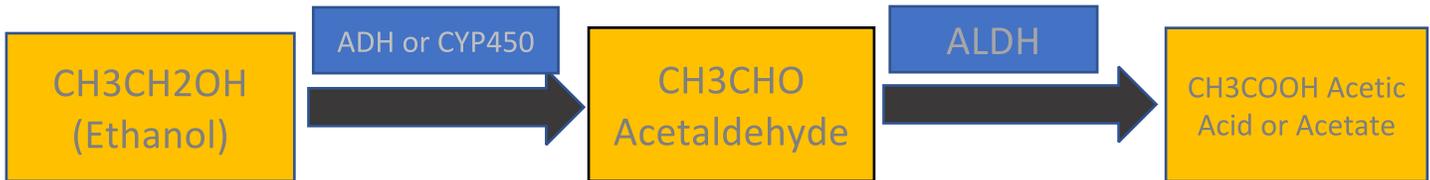
10- Alcohol has high risk of hepatotoxicity , if it is combined with?

- A)Acetaminophen. B)Aspirin. C) Codeine.

Answers:
1. A.
2. A.
3. A.
4. A.
5. B
6. A.
7. C.
8. B.
9. C.
10. A.

SAQs

1) What is the major pathway for alcohol metabolism with its enzymes from ethanol to acetate/acetic acid ?



2) Give 1 associated complication of alcoholism for each organ/system:

A) Liver : Hepatic cirrhosis, Alcohol steatosis.

B) CVS : Arrhythmias, and Hypertension.

C) CNS : cerebellar degeneration, Tolerance, and Addiction.

D) GIT : Exacerbates nutritional and vitamins deficiencies.

E) Endocrine system :

gynecomastia, testicular atrophy, and sexual impotence (in men).
Ovarian dysfunction, hyperprolactinemia, and infertility (in women).

3) What is Wernicke-Korsakoff syndrome, its causes, and how it is treated ?

Wernicke-Korsakoff syndrome : It is a combined manifestation of 2 disorders :

1-Wernicke's encephalopathy characterized by:
ocular disturbances - unsteady gait, changes in mental state as confusion, delirium, and ataxia.

2-Korsakoff's psychosis:
impaired memory and cognitive and behavioral dysfunction.

Cause: thiamine (vitamin B1) deficiency.

Treated by : thiamine + dextrose-containing IV fluids.