

QUESTIONS ON THE PRESENTATION

“Induction by antiepileptic drugs: An update for clinicians” (11-21-15)

Please select the single best choice.

1. An important pharmacokinetic difference is that carbamazepine auto-induces its own metabolism while oxcarbazepine and eslicarbazepine do not:
 - A. True
 - B. False
2. Regarding potent antiepileptic inducers, they:
 - A. Include carbamazepine, phenobarbital and phenytoin.
 - B. Induce multiple enzymes.
 - C. Need weeks for maximum induction/de-induction.
 - D. All of the above are correct.
3. Regarding valproate metabolism:
 - A. CYP metabolism is a minor component.
 - B. Glucuronidation may be the most important pathway in therapeutic concentrations.
 - C. β -oxidation may be the most important pathway in low concentrations.
 - D. All of the above are correct.
4. Many statins are dependent on CYP3A4 for their metabolism and should not be co-prescribed with potent inducers:
 - A. True
 - B. False
5. Mild CYP3A4 inducers including eslicarbazepine, oxcarbazepine, topiramate and rufinamide can be co-prescribed with oral contraceptives:
 - A. True
 - B. False

6. If you ask for levels on a patient taking oxcarbazepine you expect that the lab will provide concentrations of:
- A. Oxcarbazepine
 - B. Carbamazepine
 - C. MHD
 - D. All of the above are correct.
7. The following psychotropic medications are very sensitive to induction by potent inducers and should not be co-prescribed:
- A. Antidepressant: bupropion
 - B. Antipsychotics: lurasidone and quetiapine
 - C. Benzodiazepines: alprazolam, midazolam and triazolam
 - D. All of the above are correct.
8. Induction by carbamazepine requires dose modification probably for all second-generation antipsychotics except for ziprasidone in the USA (or ziprasidone and amisulpride in Europe):
- A. True
 - B. False
9. The effect of antiepileptic inducers on vitamin D can contribute to osteoporosis:
- A. True
 - B. False
10. Auto-induction is:
- A. Very relevant for carbamazepine titration.
 - B. Usually mild for lamotrigine.
 - C. Not described for valproate in textbooks but has been described in some articles.
 - D. All of the above are correct.