

Answers to neurology quiz

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Answer 1

Pimavanserin (Nuplazid) is the first FDA-approved drug indicated for PD-associated psychosis (PDP). It does not induce clinically significant antagonism of dopaminergic, adrenergic, histaminergic, or muscarinic receptors. Although Clozapine and Quetiapine used in PDP they are off label drugs. Haloperidone has significant extrapyramidal side effects and Nusinersen is a novel drug used in spinal muscular atrophy.

Answer 2

Nicotinic ganglionic acetylcholine receptor antibody (nAChR)

The frequent association of high titers nAChR Antibody and/or paraneoplastic antibodies has suggested the etiology of acute pan dysautonomia is an immune mediated condition.

Answer 3

(A) Sir Roger Bannister

(B) Sub-4-minute mile

Before Bannister breaking this record, a four-minute mile was thought to be impossible. Sir Roger achieved this on 6th May 1954 at Oxford University's Iffley Road Track, with the help of fellow-runners Chris Chataway and Chris Brasher as pacemakers

Answer 4

Anti IgLON5 disease

Anti IgLON5 disease is a spectrum of disorders, which may present as sleep disorders (such as parasomnias and sleep breathing difficulty), a bulbar syndrome, a PSP like syndrome or cognitive decline with or without chorea. REM Sleep Behavioral Disorders (RBD) are not common in PSP (Steele-Richardson-Olszewski syndrome) which is a tauopathy. MSA usually present relatively younger in age. DPPX antibody associated encephalitis is usually preceded by diarrhea, other gastrointestinal symptoms and weight loss.

Answer 5

Herpes Zoster

Answer 6

Listeria monocytogenes

Meningitic bacteria such as pneumococcal, meningococcal, haemophilus are acquired through nasopharyngeal route. Staphylococci through haematogenous and by trauma.

This gram stain report show a gram-positive bacilli. There are very few gram positive bacilli which could be classified as spore bearing and non spore bearing.

Spore bearing: Bacillus and Clostridium

Non spore bearing: Corynebacterium and Listeria