A) COMMENTS ON PUBLISHED ARTICLES

The role of interleukin 6 in the pathogenesis of hyponatremia associated with Guillain-Barré syndrome

Nefrologia 2012;32(1):114

To the Editor,

We read with great interest the contribution by Monzón et al. They reported a significant case of a man who had Guillain-Barré syndrome (GBS) with syndrome of inappropriate antidiuretic hormone (SIADH) and speculated that increased sensitivity to vasopressin in the renal tubule and a long-lasting hyposmolarity or antidiuretic substances might cause GBS-related SIADH. However, we would like to add a possible pathomechanism in the development of hyponatremia associated with GBS. Therefore, there is a possibility that IL-6 may play a central role in the pathogenesis of hyponatremia associated with GBS. However, further studies are necessary to elucidate if IL-6 crosses the blood-brain barrier (BBB), or whether lipopolysaccharides cross the BBB and then increase IL-6 locally in the brain in the future.

Conflicts of interest

The authors declare they have no potential conflicts of interest related to the contents of this article.


Se Jin Park1, Ki Soo Pai1, Ji Hong Kim1, Jae Il Shin2
1 Department of Pediatrics, Ajou University School of Medicine, Ajou University. Suwon (Korea).
2 Department of Pediatrics, Yonsei University College of Medicine, Severance Children’s Hospital. Seoul (Korea).
Correspondence: Jae Il Shin
Department of Pediatrics, Yonsei University College of Medicine, Severance Children’s Hospital, 250 Seongsan-ro, Seodaemun-gu, 120-752, Seoul, Korea.
shiriji@yuhs.ac

Acyclovir and valacyclovir neurotoxicity in patients with renal failure


To the Editor,

It was with great interest that we read the article by Quiñones et al1 in which they mention how toxicity secondary to starting new treatments in patients with renal failure can give rise to false diagnoses.

One of the patients cited by the authors suffered from neurotoxicity due to acyclovir. Acyclovir and its ester, valacyclovir, are widely used in treating infection with the varicella zoster virus,