Neurocysticercosis Causing Starry Sky Appearance - A Non-ictal Manifestation

A 38 years female presented with a history of global, non pulsatile, continuous headache of moderate intensity with on and off non projectile vomiting for one month. There was no history of photophobia, phonophobia, diplopia, blurring of vision and convulsions. CNS examination did not reveal any abnormality, with normal fundus examination. Neck rigidity and Kernig’s sign were absent. MRI of brain showed multiple cystic lesion with CSF like intensity, hypointense on T1 and hyperintense on T2 (size less than 10 mm), few of them showed eccentric dot suggestive of live scolex with no contrast enhancement. Other investigation were within normal limits, including X-ray thigh which showed no evidence of cysticercosis in muscles. This case was diagnosed as a case of non-ictal manifestation of neurocysticercosis. Lesion were classically identified as a vesicular stage of Escobar’s staging for neurocysticercosis. The first stage is considered as live form of neurocysticercosis without contrast enhancement which remains asymptomatic in most cases.

D Kishore*, S Baranwal**, S Misra***  
*Senior Resident; **Junior Resident; ***Professor and Head; Department of Neurology, Institute of Medical Sciences, Banaras Hindu University, Varanasi, India.  
Received : 29.9.2005; Accepted : 26.4.2006

REFERENCES