Introduction

Neurocysticercosis is a major public health problem in tropical countries, where it is the most common parasitic infection of the central nervous system (CNS) affecting 20–40% of the population in these countries. It is caused by the larval form of the tapeworm Taenia solium, which is prevalent throughout the world. India lies in the Endemic Zone of neurocysticercosis. However, the precise incidence in these countries is a question unanswered.

In the clinical setting, the diagnosis of NCC is not simple because similar clinical and radiological picture can also be present in other diseases of the nervous system. In developing countries, NCC is more prevalent as compared to other diseases of neurocysticercosis. It is the main cause of adult-onset seizures in developing countries and is the cause of nearly one-third of all cases of active epilepsy in both the urban and rural regions of these countries.1-4

Neurocysticercosis is prevalent throughout the world. India lies in the Endemic zone of neurocysticercosis. However, the precise incidence in the country is not known.5-7

This study aims to throw some light in this criterion in Indian scenario is a question unanswered.8

Aim & Objective

1. To study the profile of patients with neurocysticercosis with respect to clinical presentation, Neuroradiographic, mode of treatment and outcome.

2. To define the number of patients fulfilling the Del Brutto’s proposed diagnostic criteria for neurocysticercosis.

Materials & Method

68 patient’s records including neuroradiographic findings of patients suspected to have neurocysticercosis during the period of 2000-2012 from the tertiary care center were included. Individuals from both sexes and all age groups who were suspected to have neurocysticercosis were included. HIV positive patients were not included in the study.

Results

Neurocysticercosis is the infection of CNS with tapeworm, Taenia solium. Our study focuses on 68 patients who were diagnosed to have this disease.

Clinical-radiological Manifestations of Neurocysticercosis: A Tertiary Care Study

Apurva Bansal, MBBS, Surya Narayana, MBBS, Danturulu Muralidhar Varma, MD, Sudha Vidyasagar, MD.

Kasturba Medical College, Manipal University, Manipal Karnataka, India.

Clinico-radiological Manifestations of Neurocysticercosis: A Tertiary Care Study

Apurva Bansal, MBBS, Surya Narayana, MBBS, Danturulu Muralidhar Varma, MD, Sudha Vidyasagar, MD.

Kasturba Medical College, Manipal University, Manipal Karnataka, India.