



ORIGINAL RESEARCH PAPER

Medicine

A RARE AND ATYPICAL PRESENTATION OF AIDP WITH CORTICAL VENOUS SINUS THROMBOSIS

KEY WORDS:

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Introduction:

Guillain-Barre syndrome (GBS) was first reported by Landry in 1859 and later detailed by Guillain, Barré and Strohl, in 1916. The disease has become well-known internationally under the name of GuillainBarré Syndrome[1].

The Guillian - Barre Syndrome is one of the commonest forms of polyneuropathy. The reported incidence rates for GBS are 1-2 per 1 00,000 population. The lifetime likelihood of any individual acquiring GBS is 1 in 1000. Available Indian literature indicates a peak incidence between June, July and September - October. In the Western Countries GBS is common in the 5th decade, but in India it occurs more commonly in younger age. GBS is equally common in men and women and can occur at any age. There is a male preponderance among the hospitalized population [2]

Guillain Barre Syndrome also known as an Acute Inflammatory Demyelinating Polyneuropathy (AIDP) is an acute demyelinating polyradiculopathy of uncertain etiology which may present with facial nerve involvement in 27-50% of cases, often bilaterally [3]. Over half of Guillain Barre syndrome patients experience symptoms of viral respiratory or gastrointestinal infections during the 1-3 weeks prior to the onset of neurological symptoms. Clinical criteria, spinal fluid protein elevation, and nerve conduction abnormalities are the mainstay of diagnosis [4]

Case report:

A 50 year old male patient presented with c/o headache since 5 days. On neuroimaging patient diagnosed as cortical venous sinus thrombosis for which anticoagulant therapy was started. On 3rd day of treatment he developed left sided upper limb weakness and after 2 days he also developed right sided upper limb weakness without sensory disturbance and areflexic motor paralysis.

Past h/o :

K/c/o hypertension since 5 years was on antihypertensive therapy
No p/h/o of convulsion/DM/TB/jaundice/BT/any major surgery

Personal history:

Vegetarian, sleep pattern normal,
Bladder and bowel habits not altered
No addiction

Family h/o: Not significant

General examination:

Pt is well built and fairly nourished
Temp. -normal
Pulse - 82/min regular
BP - 128/70 mm hg
No evidence of pallor/icterus/clubbing /cyanosis /lymphadenopathy/edema.

Systemic examination:

CVS, RS, GIT system examination were unremarkable.

CNS Examination:

Conscious and well oriented in time, place and person.

Tone

	Rt	Lt
UL	↓	↓
LL	N	N

Power

	Rt	Lt
UL	0	0
LL	5	5

Reflex:

Planter: B/L dorsiflexion
Pupils-B/L RTL

	K	A	T	S	B
Rt	Ab	Ab	Ab	Ab	Ab
Lt	Ab	Ab	Ab	Ab	Ab

Investigations:

CBC, PT/INR, ELECTROLYTES, RFT, LFT, ECG ,Chest x ray were within normal limits.
CPK total -normal
Homocystine -elevated (60mcmol/l)
Vit b12 -430 pg/ml
CSF r/m- WNL

MRI brain-cortical venous sinus thrombosis

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