



THYROTOXICOSIS- ATYPICAL PRESENTATION

Dr. Shaik Miftah Junaid

Postgraduate.

Dr. M. Shamira Ishrath

Postgraduate.

KEYWORDS :

INTRODUCTION:

Thyrotoxicosis refers to clinical entity that results from excessive thyroid hormones. Thyrotoxicosis has multiple Systemic involvement in varied presentation. Usually they present with weight loss, heat intolerance, palpitations, tremors and diarrhea. They can have Unusual presentations like atypical chest pain, dyspnea on exertion, status epilepticus, cerebral infarct, choreoathetoid movements etc.

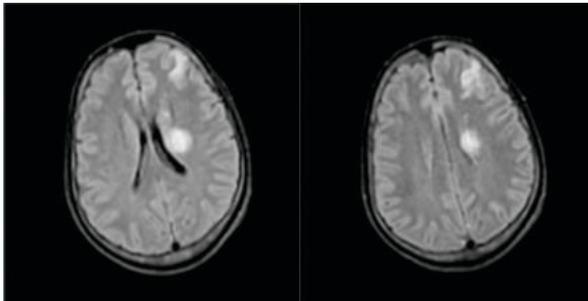
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CASE STUDY

- A 28 year old male presented with history of right sided weakness, slurring of speech and 2 episodes of generalized tonic clonic seizure following an episode of Transient Ischemic Attack.
- On examination patient was found to have wide spread vitiligo,diffuse thyroid swelling and protrusion of eyes.
- Clinical provisional diagnosis of stroke in young was considered.

INVESTIGATIONS

- MRI was one in emergency showed acute infarct in lentiform nucleus and corona radiata.
- Transthoracic echocardiography showed mild mitral valve prolapse. mild mitral regurgitation, left ventricular ejection fraction -60%.
- Carotid doppler shows no significant stenosis
- Sr.TSH-0.006IU/L,Sr.FT4- >7.77ng/dl,T3->6.51ng/dl, T4-.24.86IU/L,Anti TPO-384.5IU/ml.



DISCUSSION

Patient was found to have cerebrovascular accident with rightsided weakness. On evaluation found to have features of thyrotoxicosis, graves ophthalmopathy, vitilligo,Diagnosis of autoimmune polyendocrinopathy type -3 was considered, after starting treatment patient improved drastically.

DIAGNOSIS AND TREATMENT PLAN:

The patient was startedon heparin and warfarin in view of suspecting embolic stroke. since thyrotoxicosis and coexisting vasculitis can have an unusual presentation of acute infarct,patient was started on parenteral glucocorticoids and tablet carbimazole.

CONCLUSION:

Patient with thyrotoxicosis can present with varied presentation and can mimic many other conditions. Picking up the atypicalpresentation and having biochemical confirmation not only avoids mistreatment but also provide drastic improvement in patients life.

REFERENCES

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