Storyboard Title

A Multidisciplinary Team Approach for Improving Outcomes
Case Study: Newly Diagnosed Neuro-Sarcoidosis Induced Panhypopituitarism

Description

The following case study summarizes the care I provided to a 29 years old African American male who presented in emergency room complaining of weakness, fatigue, headaches, decreased appetite, dry mouth, feeling cold for one week. As endocrine advanced practice nurse, I collaborated with endocrinologist and referred patient to neurologist, pulmonary physician and multidisciplinary team. MRI of Pituitary and Mediastinoscopy with lymph nodes biopsy were consistent with sarcoidosis. Sarcoidosis infiltration of endocrine organs with involvement of the hypothalamus and pituitary causes impaired secretion of anterior pituitary hormones with clinically presentation of hypothyroidism. This patient was admitted to intensive care unit.

Aim

To diagnose a patient who presents with new, undifferentiated signs and symptoms.

Actions Taken

Formulate differential diagnoses, diagnostic strategies, therapeutic interventions with attention to scientific evidence, safety, cost, and efficacy for patients who present with new conditions, complex illness, co-morbidity, and multiple diagnoses in all clinical settings.

Assemble a collaborative interdisciplinary network, refer and consult appropriately while maintaining primary responsibility for comprehensive patient care.

Outcome

This case demonstrates my ability to formulate and discuss differential diagnoses, implement strategic diagnostic testing including MRI of Pituitary and Mediastinoscopy with biopsy (ies), therapeutic intervention with intravenous steroid therapy.

I collaborated with multidisciplinary healthcare team, refer and consult accordingly and in a timely manner.

Team-building and quality improvement enhances excellent delivery of patient care for endocrine advanced practice nursing.

Track(s): Student Quality Improvement
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