



www.tts2024.org



Deniz Sivrioğlu¹, Seda Kibaroğlu², Fatma İrem Yeşiler¹,Helin Şahintürk¹, Pınar Zeyneloğlu¹, Mehmet Haberal³

¹Department of Anesthesiology and Critical Care Unit

²Department of Neurology

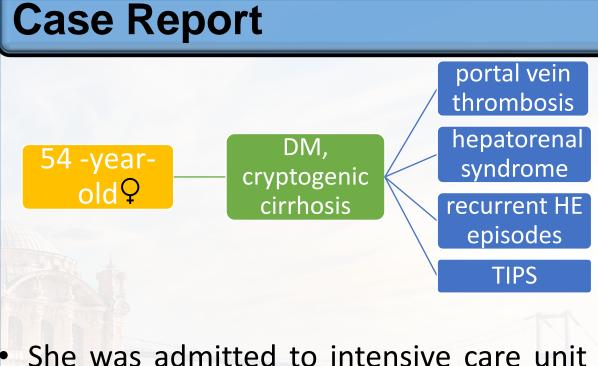
³Department of General Surgery, Division of Transplantation

Başkent University Faculty of Medicine, Ankara, Turkey

Introduction

The clinical presentations and magnetic resonance imaging (MRI) findings of hepatic encephalopathy (HE) may mimic those observed in Creutzfeldt-Jakob disease (CJD).

This case report describes a liver transplant recipient who demonstrated the cortical ribbon sign on MRI posttransplantation, a sign traditionally associated with CJD, but herein attributed to HE. *Muir RT, Sundaram ANE. Can J Neurol Sci. 2019; 46: 758–759



 She was admitted to intensive care unit (ICU) after a living donor liver transplantation (LDLT) at early postoperative period.

MELD : 19, Child Pugg score: 11C

Case Report

At her ICU admission

- Need for mechanical ventilation
- Cardiovascular support with vasopressors and inotropes

APACHE II: 8 (expected mortality 8.7%) GCS: 3 (under sedation)

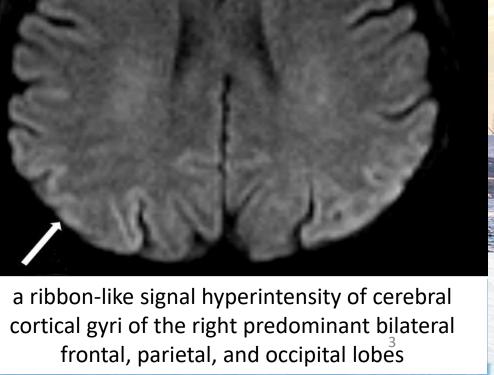
Small for size syndrome / delayed graft response

24 sessions of therapeutic plasma exchange

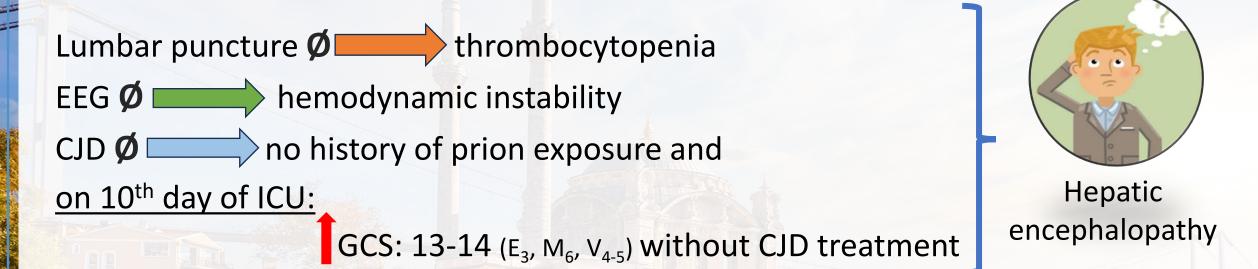
Stage 3 acute kidney injury

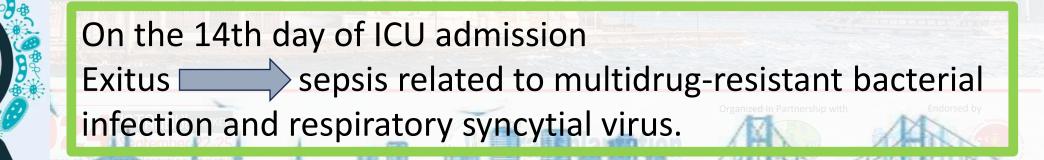
- Continuous renal replacement therapy (CRRT)

On the 8th day of invasive mechanical ventilation 48 hours sedation $\emptyset \Rightarrow$ GCS:8 \Rightarrow cooperation-orientation \emptyset

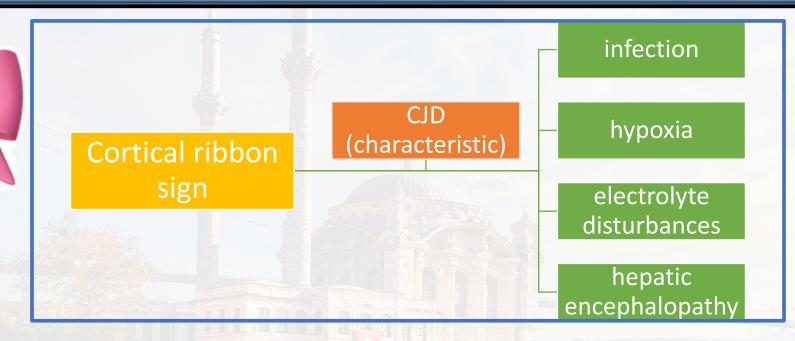


Case Report





Conclusion





In a liver transplant recipient with HE who do not undergo further examination

the patient's medical history + clinical examination

Clinical

examinatior

may help for the differential diagnosis of cortical ribbon sign on MRI

*Abdulmassih R, Min Z. Intern Emerg Med. 2016;11(2):281-3 **Chitravas N, Jung RS, Kofskey DM, et al. Ann Neurol. 2011;70:437-44