

•	Vanishing bile duct syndro acquired form of cholesta hepatic ductopenia and c We present a case of VB classic Hodgkin lymphom
	liver enzymes after treatn chemotherapy- Doxorubic Dacarbazine (ABVD).
	CAS
•	A 26-year-old female pres right-sided neck mass, pr skin. She was on Celecc days), for back pain asso
•	On physical exam, she ha lymphadenopathy.
•	Labs were significant for elevated aspartate transa transaminase (ALT) 108 UU/L, and INR 1.3.
•	Ultrasound abdomen sho no bile duct dilatation. He negative. CA 19-9 and AF obstructive process/mass
•	Liver biopsy revealed pro- cell hyperplasia with foca and loss of bile ducts, gre- idiopathic cholestasis with VBDS.
•	PET/CT of neck showed lymphadenopathy, large r superior mediastinum wit
•	Biopsy of right cervical ly sclerosis type. Immunohis for CD30, CD15, and PAX

diagnosis.

Vanishing Bile Duct Syndrome as a presentation of Hodgkin's Lymphoma

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INTRODUCTION

rome (VBDS) is an uncommon, atic liver disease characterized by cholestasis.

DS as the initial manifestation of na (CHL), with normalization of ment with standard dose icin, Bleomycin, Vinblastine, and

SE REPORT

esented with nausea, weight loss, ruritus, and yellowing of eyes and oxib and Prednisone 40mg (5 ociated with scoliosis.

nad jaundice and cervical

a total bilirubin of 22 mg/dL and aminase (AST) 91 U/L, alanine U/L, alkaline phosphatase 662

owed mild hepatosplenomegaly but epatitis panel, EBV and HIV were FP were normal. MRCP ruled out

rominent cholestasis and Kupffer I perivenular hepatocyte dropout eater than 50%- consistent with th ductopenia, also known as

extensive supra-diaphragmatic nodal mass in the neck and th associated mass effect. mph node showed CHL, nodular istochemical staining was positive X5 (weak) supporting the



A: Lymph node biopsy, Hematoxylin & Eosin (H&E) stain, 200X

and Hodgkin cells)

C: Liver biopsy, H&E stain, 100X (shows bile duct loss) D: Liver biopsy, CK7 IHC, 200X (shows vanishing bile ducts, only isolated cells CK7+ with no intact bile ducts)



B: Lymph node biopsy, CD30 immunohistochemical (IHC) stain, 100X (highlights CD30+ Reed-Sternberg

elevated.

She was started on standard chemotherapy for CHL – ABVD along with Rituximab (ABVD-R) with dose-adjusted vinblastine for cycles 1-2. She then showed a complete metabolic response. Liver enzymes normalized progressively with chemotherapy.

CONCLUSION

- Idiopathic cholestasis with ductopenia can be seen as a paraneoplastic phenomenon in CHL even in the absence of direct hepatic involvement by lymphoma.
- The primary goal of treatment for hepatic injury was treatment of CHL as able with her liver dysfunction. Our case illustrates the use of of CHL and VBDS. Repeat liver biopsy was not done as patient remains in complete remission at oncology clinic follow up.

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CLINICAL COURSE

She was started on Gemcitabine,

Cyclophosphamide, and Dexamethasone as liversparing agents. However, liver enzymes remained

completed cycles 3 to 6 of ABVD. Post C4, PET/CT

standard ABVD even with elevated LFTs in setting