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Curative lung metastectomy and complete pathological response after neo-adjuvant GEMOX chemotherapy for relapse fibrolamellar hepatocellular carcinoma: A case report in Malaysia

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Fibrolamellar hepatocellular carcinoma (FL-HCC) is a rare variant of hepatocellular carcinoma. It is commonly reported in young population with no underlying chronic liver disease and free of viral Hepatitis B and C. Local recurrence and distant metastasis are common despite better prognosis compared to conventional hepatocellular carcinoma. Complete surgical resection is associated with higher median survival and is the mainstay treatment option for localized FL-HCC. Multi-modality therapies such as TACE can be used to downstage upfront unresectable FL-HCC. Complete response with GEMOX chemotherapy has been reported in advanced metastatic FL-HCC and should be considered in upfront unresectable or metastatic disease. We present a case of locally advanced FL-HCC at initial diagnosis who underwent successful liver resection after multiple TACE, but subsequently developed biopsied proven relapse FL-HCC with oligo- left lung metastasis 2 years later. The patient responded to neo-adjuvant GEMOX chemotherapy with complete pathological response, and underwent a successful left lower lobectomy. She is disease free at 15 months follow up.

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