

Accepted Manuscript

Title: WHEN AND HOW SHOULD WE PERFORM A
BIOPSY FOR HCC IN PATIENTS WITH LIVER
CIRRHOSIS IN 2018? A REVIEW

Authors: Francesco Paolo Russo, Angela Imondi, Erica Nicola
Lynch, Fabio Farinati



PII: S1590-8658(18)30232-9
DOI: <https://doi.org/10.1016/j.dld.2018.03.014>
Reference: YDL D 3695

To appear in: *Digestive and Liver Disease*

Received date: 1-8-2017
Accepted date: 9-3-2018

Please cite this article as: Russo Francesco Paolo, Imondi Angela, Lynch Erica Nicola, Farinati Fabio. WHEN AND HOW SHOULD WE PERFORM A BIOPSY FOR HCC IN PATIENTS WITH LIVER CIRRHOSIS IN 2018? A REVIEW. *Digestive and Liver Disease* <https://doi.org/10.1016/j.dld.2018.03.014>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

WHEN AND HOW SHOULD WE PERFORM A BIOPSY FOR HCC IN PATIENTS WITH LIVER CIRRHOSIS IN 2018? A REVIEW

Francesco Paolo Russo, Angela Imondi, Erica Nicola Lynch, Fabio Farinati

Section of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University Hospital Padua, Padua, Italy

*Corresponding author: Prof. Fabio Farinati, Section of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University Hospital Padua. Via Giustiniani 2, 35128, Padua, Italy. Fax 049.8760820, Tel. 049.8212890, email: fabio.farinati@unipd.it.

Total Word Count (with abstract and references): 7220

Abstract

The role of liver biopsy in the diagnosis of hepatocellular carcinoma (HCC) has changed over time. The diagnostic algorithm for this tumour is nowadays mainly based on radiological imaging, relegating histology to controversial cases, in which imaging techniques cannot establish a clear-cut diagnosis. This most commonly happens in small lesions, where biopsies frequently become mandatory, or in larger hypovascularized lesions. In this case however, the histological examination may not be reliable enough to grade the lesion, as different cell clones, deriving from sequential mutations, can originate heterogeneous cell populations. The risk of complications of liver biopsy, such as tumor seeding and intra-abdominal bleeding, needs to be reconsidered in light of new scientific evidence and of the technical improvements that have been introduced. Furthermore, increasing knowledge of the immunohistochemical and molecular characteristics of hepatocellular carcinoma opens a new scenario in which biopsy may play a decisive role in defining prognosis, and

Download English Version:

<https://daneshyari.com/en/article/8721755>

Download Persian Version:

<https://daneshyari.com/article/8721755>

[Daneshyari.com](https://daneshyari.com)