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Anti p53 antibodies increased the prognostic value of alpha fetoprotein in hepatocellular carcinoma

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Background and Aim: Prognosis of hepatocellular carcinoma (HCC) is very poor and determining the prognosis rely on many factors and we aim at defining the prognostic factor of macrophage migration inhibitory factor (MIF), P53 and its correlation with other prognostic factors in HCC.

Patients: Serum macrophage migration inhibitory factor and anti-p53 antibodies were measured in 139 patients diagnosed with HCC using a specific enzyme-linked immunosorbent assay (ELISA) kit. The clinicopathological characteristics of the patients were compared with respect to the presence of serum anti-p53 antibodies.

Results: In univariate analysis, the prognostic factors with statistical significance were portal vein thrombosis, total serum bilirubin, serum albumin, serum AST, serum ALT, Prothrombin time, viral marker and Anti p53 antibody and on multivariate analysis the prognostic factors were Anti p53 antibody.

Conclusion: Anti p53 antibody are associated with poor prognosis in HCC and it increased the prognostic potential of alpha fetoprotein. So p53 can be used as target on HCC.

Biography

Faculty of medicine, Tanta University testifies that Dr. Lamiss Mohamed Abd Elaziz Sad, who is working as a lecturer of Radiation Oncology and Nuclear Medicine Department has got the following. Qualifications: 1- M.B.B.ch. November 1997 with Very good and Honor degree. Faculty of Medicine, Tanta University" 2- Master of Radiation Oncology and Nuclear Medicine April 2004 Very good degree " Faculty of Medicine, Tanta University" 3- Doctorate Degree in Radiation Oncology and Nuclear Medicine MD" April 2010" Faculty of Medicine, Tanta University" Faculty of Medicine also testifies that Dr. Lamiss Mohamed abd El-aziz has taken the following positions:

1. House Officer Tanta University Hospital Tanta from 1/3/1998 from 29/3/1999.
2. Physician in the Ministry of Health (el-ghabia province) Tanta, Egypt from 1/3/1999 till 10/7/1999
3. Resident in Clinical oncology Department, Tanta University Hospital, Egypt from 11/7/1999 to 10/7/2002
4. Demonstrator of Radiation Oncology and Nuclear Medicine department, from 20/10/2002
5. Assistant Lecturer of Radiation Oncology and Nuclear Medicine department from 10/7/2004
6. Lecturer of Radiation Oncology and Nuclear Medicine department from 30/6/2010 and till the present. And this certificate was given to her according to her request to be presented to American Embassy in Cairo. And she has paid the required fees for this certificate with receipt number (0551931) dated 13/8/2014.

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