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Beta-Human Chorionic Gonadotrophin (β -HCG total) as a tumor marker in pregnancy

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Beta-Human Chorionic Gonadotrophin (β HCG total) represents a substance that is usually secreted by the placenta in the course of pregnancy. This is why it is used as a pregnancy test, because the values are high in the first trimester of the pregnancy. But the determination of the β HCG total is also can used as a tumor marker in order to detect gestational trophoblast diseases such as the hydatidiform mole and choriocarcinoma and germ cell tumors of the ovaries and testicle. Nevertheless the young pregnant hypertensive patient, with increased values of total β HCG after the first trimester of pregnancy, cannot be left to be interpreted only within the pregnancy context, but these must be taken into account as a possible choriocarcinoma diagnosis. This tumoral marker should be performed as a screening test in young pregnant women with severe values of blood pressure, after the first month of pregnancy, in order to detect an unknown choriocarcinoma, thus the blood pressure values should not be interpreted only within the pregnancy context, of course if other causes of secondary hypertension in pregnant woman were excluded. In the future the stem cell therapy it is possible to be a solution for this patients with choriocarcinoma unsolved yet.

Biography

Manuela Stoicescu, Consultant Internal Medicine Doctor (Ph.D. in Internal Medicine) now is Assistant Professor of Medical Disciplines Department, University of Oradea, Faculty of Medicine and Pharmacy, Romania, Internal Medicine Hospital and Office. She is Member of Romanian Society of Internal Medicine, Member of Romanian Society of Cardiology, Chemistry, Biochemistry and Member of Balcanic Society of Medicine. She was invited as a speaker at 23 International Conferences, she is Editorial Board Member in three ISSN prestigious Journal in U.S.A, she published 12 articles in prestigious ISSN Journals in U.S.A. she published four books: two books for students in English and Romanian language: "Clinical cases for students of the Faculty of Medicine", one book in English language on Amazon at International Editor – Lambert Publishing Academic House in Germany- "*Side Effects of Antiviral Hepatitis Treatment*", one monograph in Romanian language "*High blood pressure in the young a ignored problem!*" two chapter books – Cardiovascular disease: Causes, Risks, Management CVD1- Causes of Cardiovascular Disease 1.5, 1.6, USA on Amazon.

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