

INDEX

Abstract

Chap. 1 : The Metabolic Therapy

Chap. 2: Materials and Methods

Chap 2.1.: Instrumental Data. Imaging diagnostics

Chap. 2.2.: Instrumental Data. Laboratory Values (Results of Blood)

Chap. 2.3.: Natural vitamins and cancer. Rationale of use

Chap. 2.4.: Definition of Vitamin

Chap. 2.5.: Vitamins. Preparation of vegetable and fruit Juices

Chap. 3: The APOPTOSIS of tumoral Cells

Chap. 3.1: in-vitro tests of Apoptosis

Chap. 3.2: from in-vitro tests to animal testing

Chap. 3.3: from animal testing to human pharmacokinetics

Chap. 3.4: a particular type of Apoptosis: the vitamin B 17 (Laetrile)

Chap. 4: Immune-Therapy

Inflammatiio lymphonodis

Inflammatiio tumoris

Functio lesa

Deproteinatio tumoris

Reliquatio tumoris

Expurgatio tumoris

Resolutio partialis or totalis tumoris

Chap. 5. Protocol Therapy

Chap. 6: Detoxification of the all organism

Chap.7: Clinical Aspects of 23 Patients

Observations

Clinical case of Multiple Myeloma

Clinical case of Chronic Lymphatic Leukemia

First clinical case of breast cancer

Second clinical case of breast cancer

Third clinical case of breast cancer

Fourth clinical case of breast cancer

Fifth clinical case of breast cancer

Sixth clinical case of breast cancer

Seventh clinical case of breast cancer

Eighth clinical case of breast cancer

Ninth clinical case of breast cancer

Clinical case of thyroid cancer

Clinical case of cervical cancer

Clinical case of ovarian cancer

First clinical case of brain tumour

Second clinical case of brain tumour

Clinical case of melanoma and prostate disease

First clinical case of prostate cancer

Second clinical case of prostate cancer

Third clinical case of prostate cancer

First clinical case of intestine cancer

Second clinical case of intestine cancer

Clinical case of Mantle B Cell Lymphoma

Conclusions

Table 1 : Vitamins

Table 2 : Concentration of Aloe Emodin in various organs and tissues of male rats at different times after oral administration of ^{14}C -Aloe Emodin, means of 3 rats

Table 3: Based-Protocol for Metabolic Therapy

Table 4: Pulses

Table 5: Spices

Table 6 : Medical Plants which have apoptotic activity and Immuno-Therapy activity

Table 7: Units of Juice (for light glicemic Curve)

Table 8: Concentration of Isoprenoids required to suppress the net 48 hours increase in the Melanoma population by 50% (IC 50)

Table 9-31: Analysis of Blood of 23 clinical Cases

Picture 1: Liver Scinti-Graphy (Nuclear Medicine)

Picture 2: Bone Scinti-Graphy (Nuclear Medicine)

Picture 3 : Echo-Tomo-Graphy (ETG)

Picture 4 : TAC (X-Ray Tomo-Graphy)

Picture 5: Magnetic Resonance Tomo-Graphy

Picture 6: Fourth-degree Astrocytoma. Magnetic Resonance Tomo-Graphy

Picture 7: Positron Emission Tomography with Fluorine-18-Deoxyglucose in a clinical case of suspected relapse in the left breast

Picture 8.a: Positron Emission Tomography with Fluorine-18 Deoxyglucose in a clinical case of suspected relapse in the left breast

Picture 8.b: Positron Emission Tomography with Fluorine-18 Deoxyglucose in a clinical case of suspected relapse in the left breast (over-exposure)

Picture 9: Positron Emission Tomography (PET) with Fluorine-18 Fluoro-deoxyglucose in clinical Case of intestine Cancer with suspicious hepatic metastatic

Picture 10: Positron Emission Tomography (PET) with Fluorine-18 Fluoro-Deoxyglucose in clinical Case of intestine Cancer, with disappearance of suspicious previous hepatic metastatis

Graphic 1: Increase of Erythrocyte Sedimentation Rate (ESR) and increase of tumour marker CA 15.3 in a female patient (N.S.) with breast cancer (Second Clinical Case of Breast Cancer)

First Document:

Trisomy 10 in Renal Cell Carcinoma, Cancer Genet Cytogenet, 1991

Second Document: Marcellino Virgilio“*De Medica materia libri*”

Bibliography