# PREVENTIVE MEDICINE radprax



Newsletter issues, trends and technology from your radprax Prevention Institute.

issue 1/2014

## Whole-body MRI for modern cancer screening

## Wide lack of knowledge on health is-

For many of us there are no answers to questions like: "How can I explain certain symptoms?", When should I go to a checkup?"

This newsletter provides some background information about cancer and holistic medical prevention.

#### About half of all cancer patients can now be cured or at least live many years with the disease.

(Posted by Hans-Peter Krämer, Chairman of the Board of the German Cancer Aid)

Today, thanks to the medical advances in the diagnostic and treatment it is possible.

#### However, the number of cancer cases increases

According to a recent study by the Robert Koch Institute, in 2013 in about 21% (by men) and 14% (by women) cancer has been increased. After that every other man (51%) and 43% of all women today expect to suffer during

life on cancer.

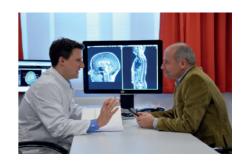
This sounds frightening. But it is primarily a consequence of the positive fact that we are getting older, and the probability of developing cancer increases with age.

#### And "Cancer is not equal cancer"

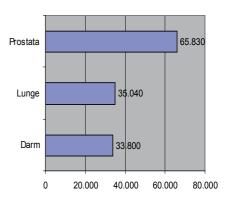
Especially the type of tumor affects the chance of recovery and the (over) lifetime. There are now over 400 different types of malignant neoplasms known. Many cancer types grow slowly, and in some cases, there is a good chance of living for 10, 20 or 30 years.

#### Worldwide, 30% of all cancer cases can be prevented by prevention.

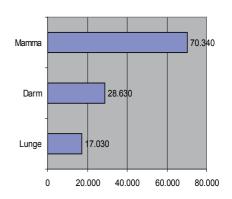
According to the World Health Organization, a healthy lifestyle and also the cancer early detection is very import-



#### Häufigste Krebserkrankungen bei Männern 2010



#### Häufigste Krebserkrankungen bei Frauen 2010



Quelle: Krebs in Deutschland 2009/2010, Robert Koch Institut



## PREVENTIVE MEDICINE



## Whole-body MRI for personal cancer prevention

We are used to consult a doctor when we feel a health problem. This usually manifests itself in the form of pain, discomfort, or unusual changes in the body.

We want to know what's going on and we want to restore the state before the problem occurred.

The full-body check-up by MRI takes a different approach:

Here somebody who feels healthy, uses modern diagnostic possibilities to ensure, that here is really healthy.

#### Feasibility and sense

## MRI Full Body Check explained by an example:

100 persons will be examined with a full body check up by MRI.

Assumption: 99 persons obtained the certainty to be healthy at the current time - in the sense of no discernible cancer or vascular disease - one person receives a cancer early diagnosis.

No doubt for this one person the check-up was very important, because the cancer was discovered at an early stage. Also valued for this one person, the subsequent costs for therapy and loss of work, if the cancer were discovered later, would probably have been higher by a multiple than the cost of the whole-body MRI as a precaution.

However, for a health system it would be probably not affordable to examine all 100 persons with these expensive MRI machines. Indeed, 99 persons would be almost "unnecessary" examined.

Unfortunately, only inretrospect we know who are these 99 persons.

Therefore, it will usually remain the decision of each individual, whether he wants this kind of prevention and clariy for himself and usually pays by himself.

## The vehicle TÜV duty and the service check are widely used

This type of procedure "check-up" and "exclusion diagnosis" became already standard in another area: We are used to have our car checked regularly as a precaution, not only when there is a "breakdown". And nobody is going to ask the insurance to pay for this service.

### Full body MRI check up for cancer screening as another Element of your personal pevention

The modern imaging techniques with 3 Tesla MRI allow for both cancer and vascular disease, a very reliable and careful diagnosis not only in case of illness when symptoms are already present. They are particularly good for prevention

Phone consultation about our full body check-up for cancer early detection :

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MRI whole Body