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INVESTIGATIONS DURING PREVENTIVE HEALTH CHECKS: TOO FEW OR TOO MANY?

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"Whole body tests are just a ad to good bealth."

one's own health is great and should be encouraged across all strata of society. Most evidencebased guidelines now recommend health checks, and they are an important com-ponent of a desire to stay

ealthy. Medical investigations are a routine component of all health check protocols. There has been an immens surge in their popular ity among urban Indians, further fuelled by the post pandemic fearand concern for one's own health. Many of these tests and packages now self-prescribed and patients often consult a doctor only after these tests have already been performed. In many cases, even their reports are self-interpreted, after the abnormali ties have been highlighted by the artificialintelligence of the laboratory software.

I was in a busy cardiology OPD recently when two patients consulted me one after the other. They had a completely contrasting views and attitudes about the role of investigations in preventive clinical practice. This made me wonder if one could eyer devise a compre hensive list of investigations which would be applicable during preventive health checks in all patients. Case 1 – Mr Ram Bahadur

(name changed) 60 years old obese, diabetic, present-ed with recentonset breath-lessness. Based on his clini-cal background, I advised him a few general blood and urine tests, along with some specific tests to evalu-ate for the status of his heart and lungs. The patient's first response on reading the prescription was to ques tion the appropriateness of investigations and enquire whether he was being overCase 2 - Mr Karan (name changed) aged 25 years con-sulted me immediately after the previous case for getting "whole-body checkup" He had no symptoms and is in good health. When I asked about the reason for his keenness for a health checkup at such a young age, he mentioned that he hadrecently lost his father, unexpectedly - that too a few days after visiting his family physician. He felt that his father could've been investigated in greater de-tail - in order to prevent this unanticipated misfortune

So what's ideal - too many or too few?

To understand the role of preventive health investigations - we need to get the right perspective. While medical investigations play an important part in early diagnosis and preventing disease, they are not the only component of stay-ing healthy and living long. Other measures such as a good diet, regular exercise, adequate sleep and absti nence from substances of abuse play an equally im portant role in good health.

balance of nature and nur ture. Investigations need to be ordered, based on background factors such as family history, risk profile and previous disease as well as presenting symptoms of a patient. An important additional factor determining the thor-oughness of evaluation in an individual is his job profile. Those in high intensity jobs such as armed forces or flying, obviously need a more thorough evaluation.

This principle - even in the

availability of investiga tions - remains the guiding principle of clinical medical practice.



phrase in recent times is a "whole body test". A hu-man body is ahighly complex machine consisting of more than 35 trillion cells nised into multiple or

curately controlled by hor-

mones, chemical, genetic as well as external influ-ences. The body is so complex that calling it a machine trivializes the complexity of a human being. An abnor-mality in any of these can trigger disease. To expect that the health of all these components can be predict-ed by a few blood and urine tests is akin to predicting the results of a national election with a sample size of a few individuals. The currently included tests in a "whole body test" protocol can, at best, only serve as beacon of direction to look for specific diseases. To that extent, they form animpor-tant baseline from where one goes ahead.

INVESTIGATION REPORTS ARE DYNAMIC

Dynamism is yet another variable in the process of predicting disease. Human body is ever changing. What's applicable and rel-evant today, may be mean-ingless in a few months. The same applies to medical investigations. The validity of investigations is time bound. Hence the reports of relevant after a few months to a year - depending on which test one is referring to. A periodicity, therefore, needs to be followed in case one wishes to derive m ngful conclusions from the tests. Additionally, observ-ing trends in a report is far more important than a solitary reading. A single time test protocol is not expected to assure health or predict disease for one's entire life.

Medical tests serve an important purpose of con-veying the current status of one's health. When a series of tests is performed, it is a scientific way to predict the health of specific organs. The statistical chance of harbouring disease in that organ with a normal report is low. But the risk is not zero. In a few cases, disease can occur despite normal reports.

ONE MUST ACT ON THE REPORTS

Medical investigation re-sults provide us with valu-able information about what needs to be done. To that extent they are a means and not an end to evalua-tion. A test report will culminate in good health only

variables - either by lifestyle modification or by get-ting treated for it. It serves no purpose to gather information and not take reme

an important component of any healthcare strategy. The idea of this writing is not to discourage one from get-ting tested. In fact, the aim is completely contrary. When medical investigations are done, it's important to have the right expectations with-out over relying onthem as being the only road to good bealth or downplaying their importance. While investi gations serve an important predictive role of an individ-ual's health status, disease can rarely occur outside the realms of statistical forecasts. A regularity needs to be followed while getting health checks and most importantly, one must act on abnormal reports and aberrations. Only then will medical investigations con-tribute to better health and

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Hence, a vimana is a thing

AUTHOR VIPUL VARSHNEYA ON HER LOVE OF HERITAGE CITIES



Built heritage is as important to preserving our historical legacy as works of art and folklore. Vipul B Varshneya, author and founder, director and prin-cipal architect of STHAPA-TI has made it her mis ion to record India's built heritage from ancient times through her books. The Sunday Guardian speaks to her about her chosen field and her latest project

Q. Why did you choose to focus our work on beritage cities) A: I have been writing on heritage cities since 2009. With a passion for heritage, I have authored four coffee table books on Lucknow's heritage including 'Lucknow - A Treasure' encompassing the grandeur and heritage of Lucknow and 'Cultural Legacy of Lucknow', Other books, 'Lucknow - A City of Her-itage and Culture', and 'Shaam-e-Awadh', were published in 2017. I've also written one on Kashi, which is another city of living heritage. It's called 'Musings in Benares' and was published in 2021. As an architectural consult-ant, our project on design-ing the airport in Ayodhya made me learn about the rich cultural heritage of the city. That's also when I began researching the tem-ples of Awadh. My latest offering is on Avodhya and it's called 'Ayodhya: A Walk ough the Living Herit

O. What was the process of

A: When I started study-ing the city in-depth by visiting Ayodhya, I learnt that it was the first city or Adipuri of Vishnu. It is the first among Saptapuri - the seven Mokshadayini or salvation-giving cities around India and is there fore the base for the great

epic Ramayana. In popular discourse, it is the place where the sev-enth avatar of Vishnu, Sri Ram took birth in Treta Yug. This is the city that he returned to rule after his fourteen years of exile that took him across the country and to Lanka. However Ayodhya has many more stories to tell as well. It has been a witness to a long

line of illustrious kings of Suryavansh, or the solar dynasty, who ruled here. Meanwhile, I met many saints and mahants of Ayo dhya over the two years I spent there and came across the Ayodhya Ma-hatamya of Skand Puran in English. It was a scripture totally devoted to the importance of Ayodhya. Poets like Valmiki, Tulsidas, and Kalidas have written glorious accounts of Avodhya, as have poets and story tellers in every language in

Q. What are some of the chall lenges you faced while writing



Nayaghat



this book? And bow did you

city of Ayodhya is going A: As we all know, the mendous infrastructure

physical conditions of the city were not very comfort-



Vipul Varshneya

able to work in during my research, but I was ada-mant and also resilient in my approach.

O. What are you working on

A: The glory of Kaushal, of Awadh, has been mar-

vellously described by po-ets and authors like Kalidas and Tulsidas. This has inspired me to write my next book on the temples of Awadh - a subject that has hardly been touched by authors and writers. There are some very picturesque temples and so ones found all me humble ones found all over Awadh due to this region's vagar-Many of them have asso-

that measures the sky as it traverses through it. There are many stories in the Purana and in the epics. Ramayana and Mahab-harata, that speak about vi-manas. Separate technical literature is available, such as the Vaimanika Shas tra by Maharishi Bharad-waja, which discusses the vimana from a technical perspective. It explains the

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ics Ramayana and Mahab-

Q. What would you say was your most interesting learning while researching your new

A: I came across very interesting findings during the course of my research. One such was about the Pushpak Vimana. I found out from various litera ture studies that the Push-pak Vimana of Ravana, in which Rama returned to Avodhya from Lanka after his victory over Ravana, was just one among many

The word vimana means 'the sky' and 'measure'.

capacity to contract (sanko cha) or expand (vistrita) in size, Maharishi Bharady mentions about 120 dif-ferent vimanas that were present at different times in different lands. He also gives glimpses of fuels used, aeronautics, avion-ics, metallurgy and other manoeuvres that were de ployed in flying these vima-

I was very fascinated to read about this feat of engi-neering recorded in ancient times and I hope my readers will enjoy it too. Noor Anand Chawla pens life-style articles for various pub-lications and ber blog www. Nooranandchawla.com