



 Gender based medicine is a new concept across the world.

 Till date the focus of preventive medicine programs has been on women's health.

There has been no focus on prevention of male health risks and mortality.

- Indian men particularly are more prone for vascular risks due to high incidence of diabetes, hypertension, abdominal obesity, work stress, life style and genetic causes.
- Several studies have shown that the earliest sign of vascular disease is erectile deficiency. Penile vascular disease sets in 2-3 years earlier than the coronary or other major vascular disease.

More than 30% of these men are more prone for a serious cardiac event and these men can be diagnosed with modern technology and the pathological process modified, reversed or intervened.

Men's Health Screening
Early detection of vascular / endothelial disease

## **Identification of**

Moderate Risk Patients

**High Risk Patients** 

# **SELF Evaluation Tools for assessment of erection quality**

- IIEF5
- Psychological risk assessment
- QOL assessment

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evaluation?

- SHIM
- ED comorbid factor assessment
- Categorize the risk as psychogenic / organic

# Only if Organic (Moderate to Severe) patient will need evaluation

- Organic Erectile Dysfunction
- High Risk

Moderate Risk

Name	Patient Profile	Diagnostic Tools	Rates
Basic Screening	Moderate risk patients	<ul> <li>Testosterone Total &amp;         Free, E2, Lipid Profile,         FBS, CBC, TSH, Serum         Creatinine</li> <li>Assess Waist-Hip ratio,         BMI - Metabolic         syndrome assessment</li> <li>Framingham lipid based         risk core assessment</li> </ul>	Rs 2,500/-
Advanced Screening	High risk patients	<ul> <li>Testosterone Total &amp;         Free, E2, Lipid Profile,         FBS, CBC, TSH, Serum         Creatinine</li> <li>Assess Waist-Hip ratio,         BMI - Metabolic         syndrome assessment</li> <li>Framingham lipid based         risk core assessment</li> <li>Carotid femoral pulse         wave velocity         assessment</li> <li>Aortic augmentation         Index assessment</li> </ul>	Rs 3,500/-

NOTE

Additional assessment via Penile Doppler & Vendys by UroAndrologist if concerned about ED.

Test positive group will need further assessment by cardiologist.



## The International Index of Erectile Function (IIEF-5) Questionnaire

#### **OVER THE PAST 6 MONTHS:**

How do you rate your confidence that you could get and keep an erection?	Very low 1	Low 2	Moderate 3		Very High 5
2. When you had erections with sexual stimulation, how often were your erections hard enough for penetration?	Almost never/never 1	A few times (much less than half the time) 2	Sometimes (about half the time) 3	Most times (much more than half the time) 4	Almost always/always 5
3. During sexual intercourse, how often were you able to maintain your erection after you had penetrated (entered) your partner?	Almost never/never 1	A few times (much less than half the time) 2	Sometimes (about half the time) 3		Almost always/always 5
4. During sexual intercourse, how difficult was it to maintain your erection to completion of intercourse?	Extremely difficult 1	Very difficult 2	Difficult 3	Slightly difficult 4	Not difficult 5
5. When you attempted sexual intercourse, how often was it satisfactory for you?	Almost never/never 1	A few times (much less than half the time) 2	Sometimes (about half the time) 3	Most times (much more than half the time) 4	Almost always/always 5

### **IIEF-5 scoring:**

The IIEF-5 score is the sum of the ordinal responses to the 5 items.

22-25 : No erectile dysfunction17-21 : Mild erectile dysfunction

12-16 : Mild to moderate erectile dysfunction

8-11 : Moderate erectile dysfunction5-7 : Severe erectile dysfunction

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