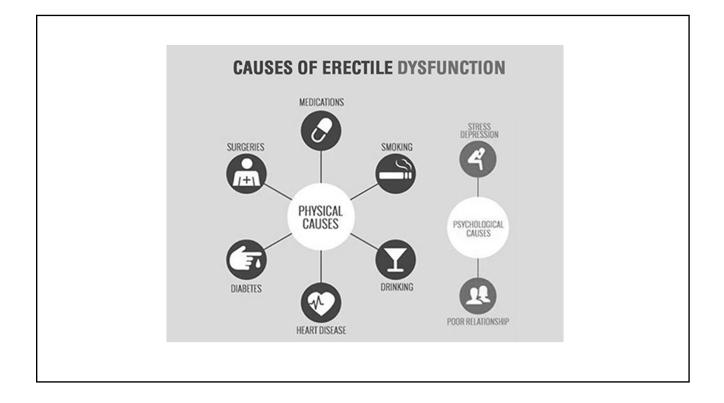


WHAT IS ERECTILE DYSFUNCTION?

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ED and Cardiovascular Disease

ED can be the presenting symptom for heart problems in many men

Men with ED are 50% more likely to suffer a heart attack during their lives

 \circ occurrence of heart symptoms in 2-3 years

 $_{\odot}\,\text{cardiovascular}$ events in 3-5 years

ED and Smoking

Quitting smoking now can improve erections by 30% in one year

Smoking is a leading cause of cardiovascular disease



ED and **Diabetes**

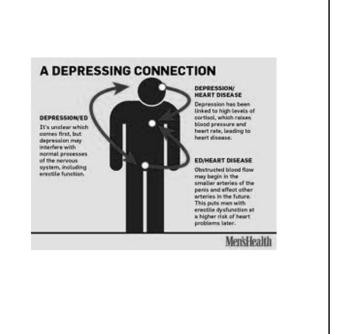
- The world diabetic population is expected to reach 366 million by 2030
- ED among diabetic men varies from 25-95%
- More than 50% of men with diabetes have sexual troubles and typically occurs within 10 years of their diabetes diagnosis
- Diabetes may cause irreversible damage to the nerves, blood vessels and smooth muscle function

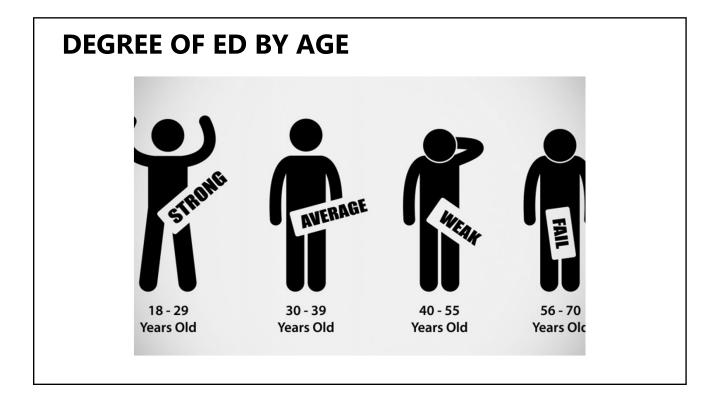
ED AND DEPRESSION

40-60% of men with depression complain of sexual problems

- Medications
- Cortisol levels
- Loss of libido

Treatment of depression can improve erections





YOU DO NOT HAVE TO LIVE WITH ERECTION PROBLEMS!

Nearly EVERY man can be successfully treated!



ORAL MEDICATIONS

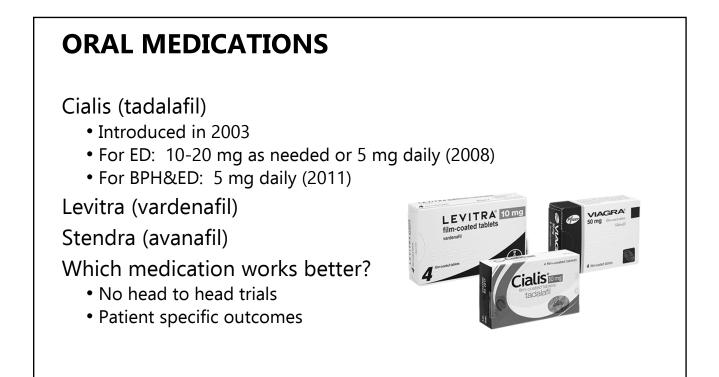
Initial option for erectile dysfunction symptoms

VIAGRA (Sildenafil)": introduced in 1998

Phosphodiesterase Inhibitors: Promotes arterial vasodilation (increase blood flow) to penis

- Must take at least $\frac{1}{2}$ hour to 1 hour before anticipated sexual activity
- Must take 2 hours after eating
- Can remain effective for up to 4 hours; Tadalafil can be effective up to 36 hours





ORAL MEDICATION: SIDE EFFECTS

- Headache
- Facial flushing
- Runny nose
- Upset stomach
- Body aches
- Risk of erection lasting 4 hours or more (priapism)

DO NOT take ED medications with NITRATES!

VACUUM ERECTION DEVICE (VED)

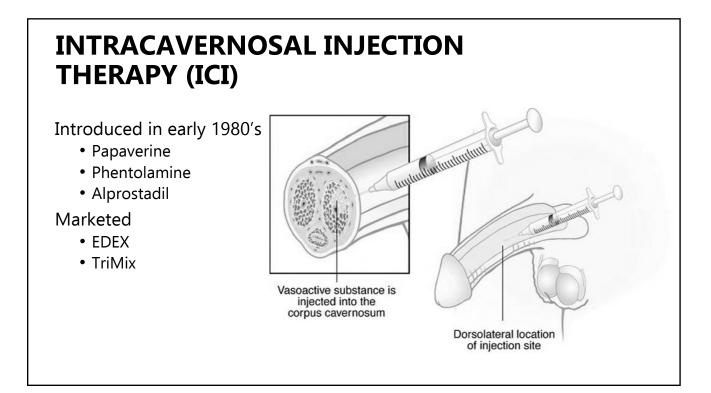
Advantages

- On demand use
- Non-invasive
- Safe and effective
- Drug free
- Penile rehab??

Disadvantages

- Cumbersome
- Unnatural erection
- Penile pain/discomfort
- Delayed ejaculation





PENILE INJECTION THERAPY

Advantages

- Effective
- Onset of erection within 5-20

Disadvantages

- Priapism
- Possible bleeding at injection site
- Requires training
- Bruising
- Can cause penile curvature
- Poor long-term tolerability
- Fear of sticking needle into penis



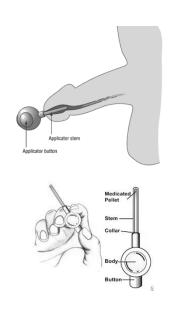
INTRAURETHRAL SUPPOSITORY

Advantages

- No needles or injection
- Erection within 10 to 15 minutes

Disadvantages

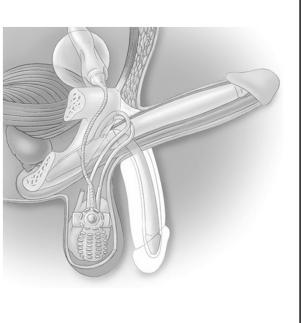
- Penile pain/burning
- Inadequate penile rigidity
- Must be refrigerated
- Cost
- Decreased dexterity/vision may find difficult administration



SURGICAL OPTIONS: PENILE IMPLANTS

Ideal for men who have tried other treatments without success/regained quality of life

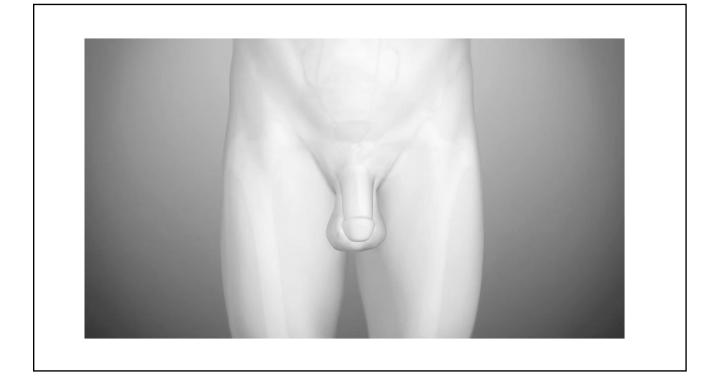
- On demand w/o need for medication
- Implants have been on the market for over 30 years (over 15,000 implants performed **YEARLY**)
- Extremely high patient and partner satisfaction



3-PIECE INFLATABLE PENILE IMPLANT

- Totally concealed in body
- Similar to natural erection
- Provides rigidity but deflates for concealment
- Erection longevity is controllable
- Highly recommended



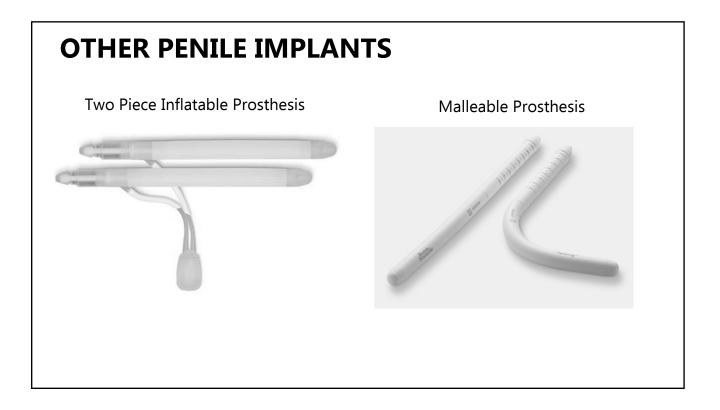


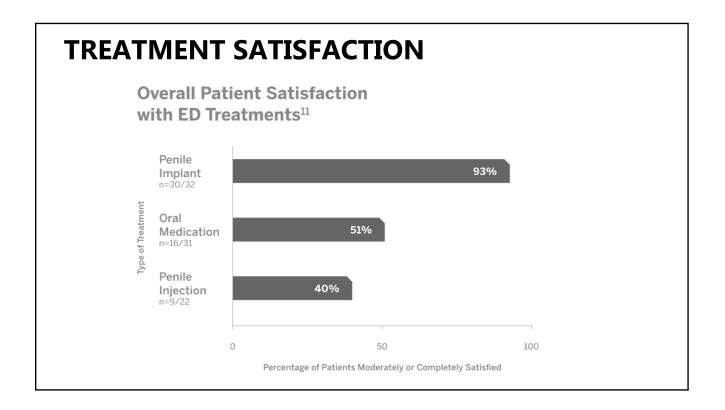
BENEFITS

- Long term solution
 - At 10 years, 80-90% of implants are still functioning
- Provides the ability to have an erection anytime you choose
 Have sex when the mood strikes
- Enables you to maintain an erection as long as you desire
- Eliminates the need for costly medications
- Does not interfere with ejaculation or orgasm

POSSIBLE RISKS

- Infection
- Mechanical failure
- Penis will be shorter
- Head of penis is not as hard
- Erosion
- Lose the ability to have natural erection





Summary

- ED is a very common problem
- Nearly every man can be successfully treated for ED
- Talk to your partner
- Talk to your urologist
 - •Not every physician specializes in ED and/or has a specialized interest in sexual function