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an affiliate of Johns Hopkins University

# PrePex Jeopardy Game



# Instructions

- Divide into two groups.
- Each group should select a spokesperson.
- Each group will take turns selecting a question from any of four different categories and at any of four different levels of difficulty.
- If the group answers a question correctly, the group will earn the number of points attached to the question. Generally, the higher the points, the more difficult the question.
- The group with the highest number of points wins the game.
- Good luck!

# PrePex Jeopardy Game

VMMC and HIV/ the PrePex Device	Client Screening/ Informed Consent	PrePex Procedure	Management of Adverse Events
<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>
<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>
<u>40</u>	<u>40</u>	<u>40</u>	<u>40</u>

# True or False?

- VMMC reduces the risk of all sexually transmitted infections.

## True or False?

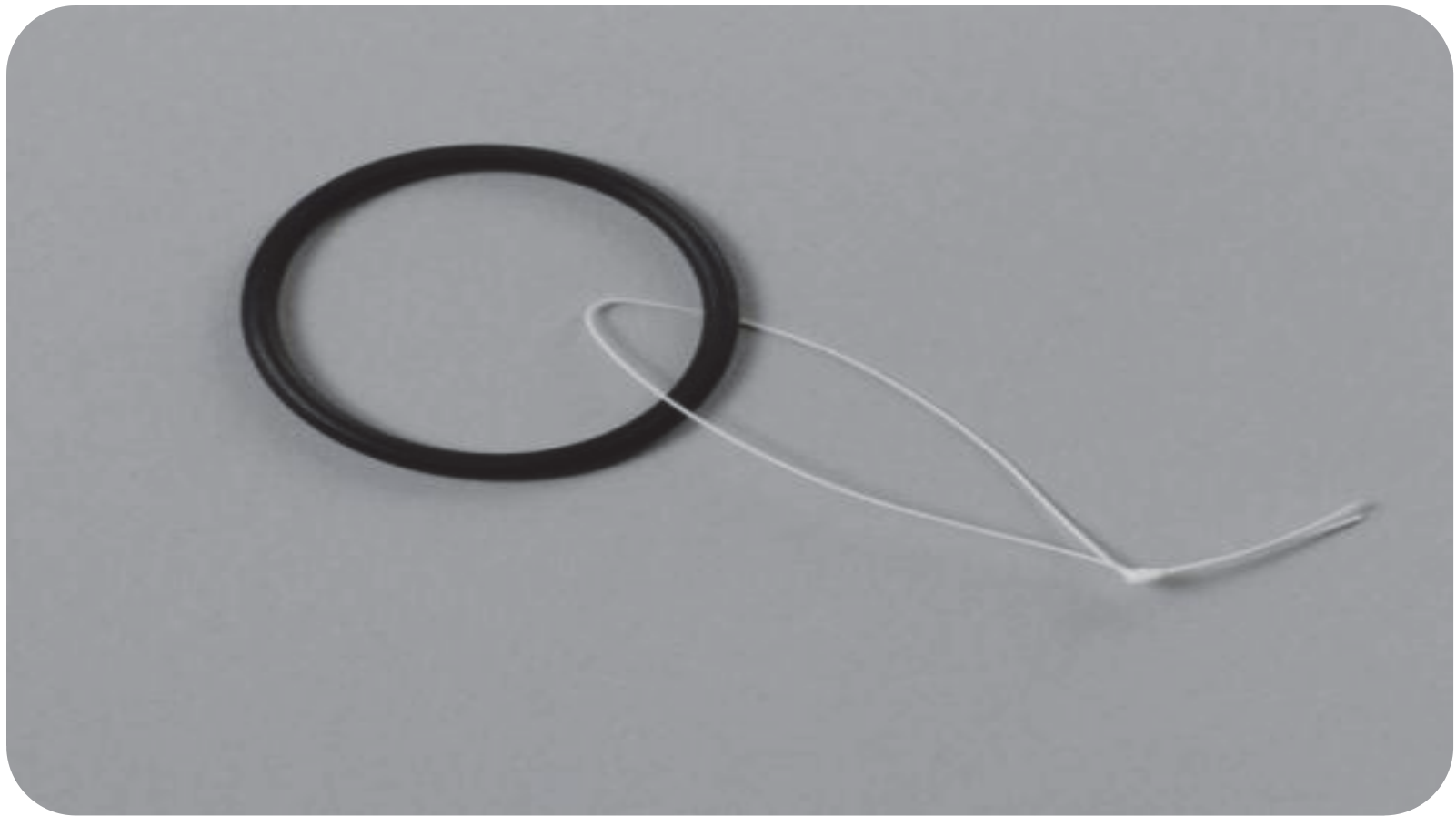
- VMMC reduces the risk of all sexually transmitted infections.

**False**

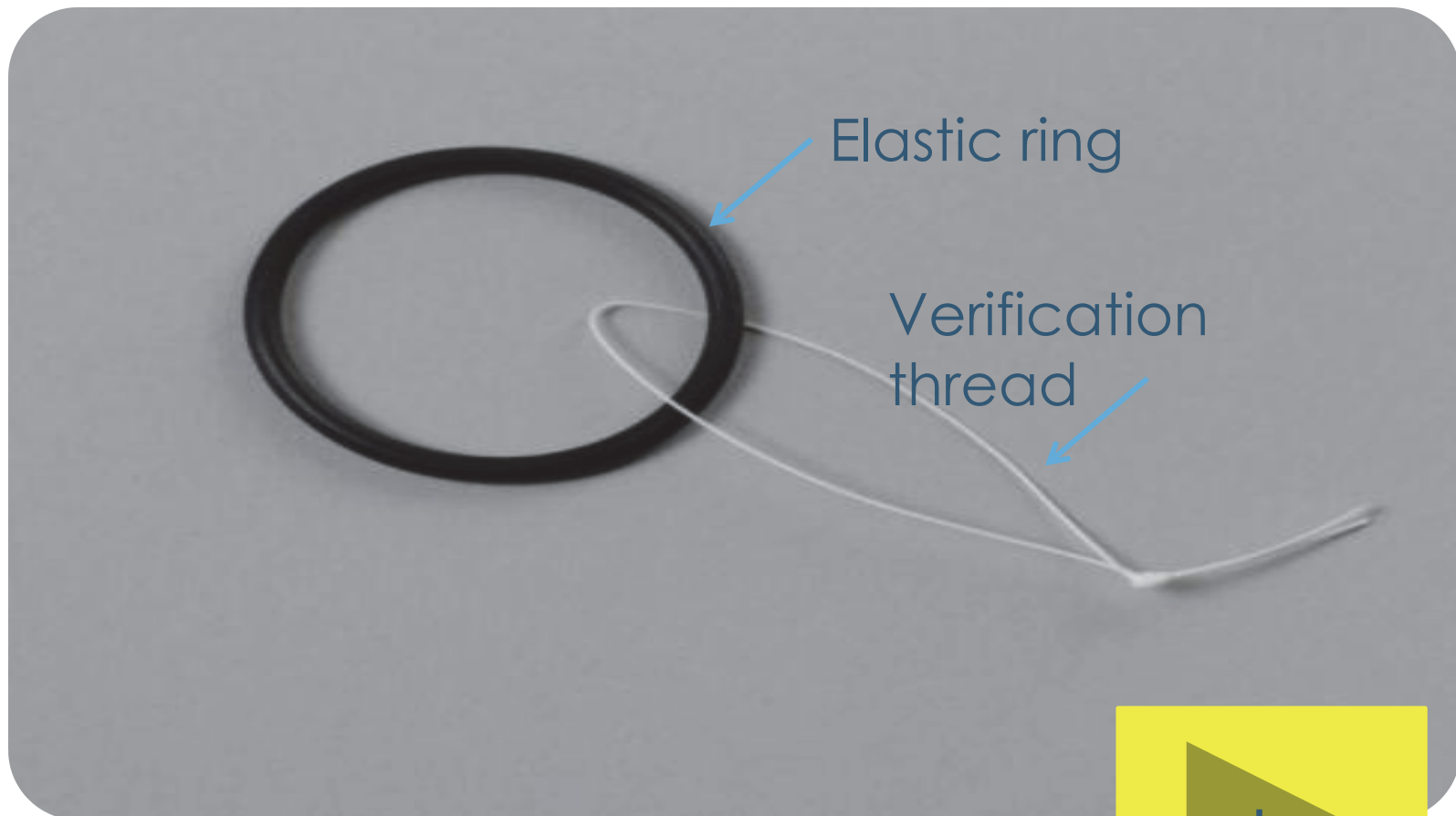
VMMC reduces **SOME** sexually transmitted infections.



What do you see in this picture?



What do you see in this picture?



Elastic ring

Verification thread

return

What are the 5 key public health benefits of the PrePex device?



# What are the five key public health benefits of the PrePex device?

**Safe:** World Health Organization has stated that the device may be used after studies were conducted, given approval by the national program.

**Simple:** Easy to train minimally skilled nurses to place and remove the device, facilitating task shifting.

**Scalable:** Average of 4.5 minutes total procedure time, including all preparation, device placement, and device removal; disposable and requires no sterile facilities or settings.

**Cost-Effective:** Affordable for public health and designed to maximize aid funds; easy to ship, store, and distribute, with only 5 adult sizes.

**Acceptable:** High patient satisfaction rate for **cosmetic result**; many more volunteers than needed throughout studies.



A: Describe the condition you see in this picture.  
B: Is this a contraindication to PrePex circumcision?



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B: Is this a contraindication to PrePex circumcision?



**A: Hypospadias**

**B: YES.**  
**Hypospadias**  
**is a**  
**contraindication**  
**to VMMC by any**  
**method.**



Describe the correct method for determining the appropriate size of the device, using the sizing plate.

Describe the correct method for determining the appropriate size of the device, using the sizing plate.

- Measure under sulcus
- Do not pull the penis, causing it to narrow
- Measure three times



Mention five key points to make to the client during discharge after device removal.

## Mention five key points to make to the client during discharge after device removal.

Advice to client (any five of the following):

- No sex or masturbation for 6 weeks
- Dressing should remain dry and removed after 2 days
- Do not remove the necrotic band (it will fall off)
- Wash penis gently with soap and water
- Keep penis elevated for at least 7 days
- Client should go to nearest clinic if there are any problems
- Client should return for follow-up after 6 weeks

Differentiate between a side effect and an adverse event.



# Differentiate between a side effect and an adverse event.

- **Side effect:** An expected symptom/effect of a healing wound in any MC procedure
- **Adverse event:** Any unfavorable and unintended sign, symptom, or disease temporally associated with the use of a medical treatment and/or procedure, regardless of whether it is considered related to the medical treatment/procedure

List four contraindications for PrePex  
circumcision.

## List four contraindications for PrePex circumcision.

- **Active disease conditions** (e.g., history of bleeding disorders, allergies to rubber/plastic, diabetes, acute disease/fever)
- **Abnormalities of the penis** (e.g., abnormal structure of the penis, from birth or accident)
- **Active disease or infection of the penis**
  - Sexually transmitted infection (STI)
  - Damaged skin
  - Swelling
- **Abnormalities of the foreskin**



Describe the informed consent process for a client who is about to undergo the PrePex procedure.

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- The circumcision team should **ensure that the client has been informed about the risks and benefits** of MC. This information should be given in an understandable way, using everyday **local language**.
- The **oral information** should be backed up by **written information sheets** in the local language.
- After receiving the information, the client should be allowed to ask questions



A provider examined the client shown in the picture below. Explain the next steps the provider should take.



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1. Unsuitable foreskin: doesn't return to normal position after pulling
2. Send client to surgical circumcision or refer for surgery



What were the protection levels conferred by circumcision in each of the randomized controlled trials that showed the risk reduction effect of VMMC?



What were the protection levels conferred by circumcision in each of the RCTs that showed the risk reduction effect of VMMC?

- 2005: Orange Farm, South Africa
  - protective effect = 61%
- 2007: Kisumu, Kenya
  - protective effect = 60%
- 2007: Rakai, Uganda
  - protective effect = 51%



Explain the design of the inner ring and how the design suits the purpose during the placement procedure.



Explain the design of the inner ring and how the design suits the purpose during the placement procedure.



- Circular shape, with two round sides and two flat sides
- Important for device placement and removal
- Round sides aligned to lateral sides of the penis and flat sides to the dorsal and ventral sides of the penis



Explain the reason for higher cervical cancer rates among female partners of uncircumcised men.

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- HPV infection, which is an etiological factor in cervical cancer, is more prevalent in uncircumcised men; thus cervical cancer rates among female partners of uncircumcised men are higher.



# True or False?

- Localized edema is one of the adverse events of the PrePex VMMC procedure.

## True or False?

- Localized edema is one of the adverse events of the PrePex VMCC procedure.

**False**

Localized edema is a side effect (i.e., an expected complication of the VMCC procedure).



Describe what you see in this picture. What can be the cause and how will you manage the client?





Describe what you see in this picture. What can be the cause and how will you manage the client?



### Findings

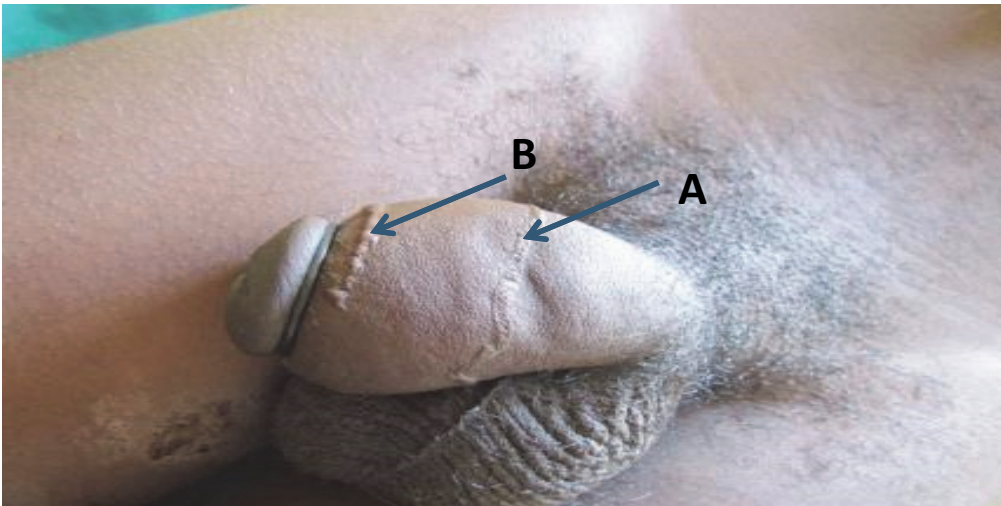
- Device displacement
- Urine retention (full bladder)
- Necrotic foreskin

### Management

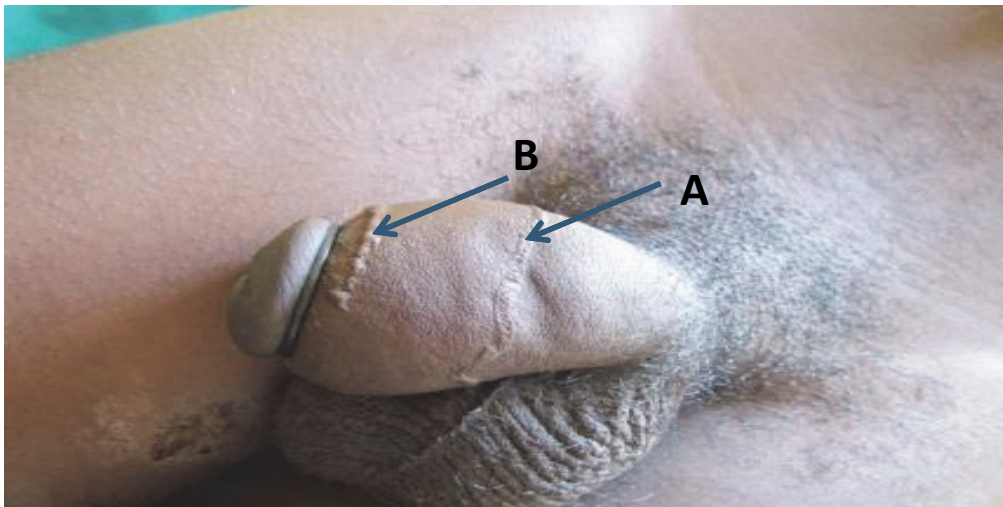
- Device removal
- Refer for or convert to surgery



Explain the pathophysiology of this adverse event in a client who had a PrePex procedure 3 days ago. What is the proper management of this client?



Explain the pathophysiology of this adverse event in a client who had a PrePex procedure 3 days ago. What is the proper management of this client?



- Device displacement (A to B), probably due to incorrect placement, leading to **invagination** and hence displacement during erection
- Surgical conversion required

