



# It is (Might Be) an (Umbilical/Inguinal/Epigastric) Hernia: What's Next?

May 11, 2022

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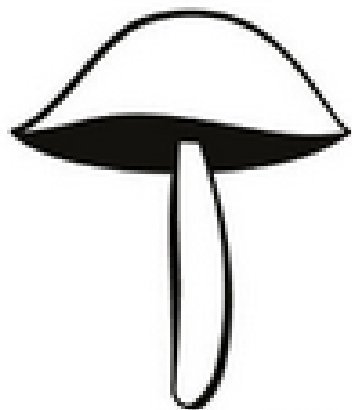
Chief, Division of Trauma and Burn Surgery

# Learning Objectives

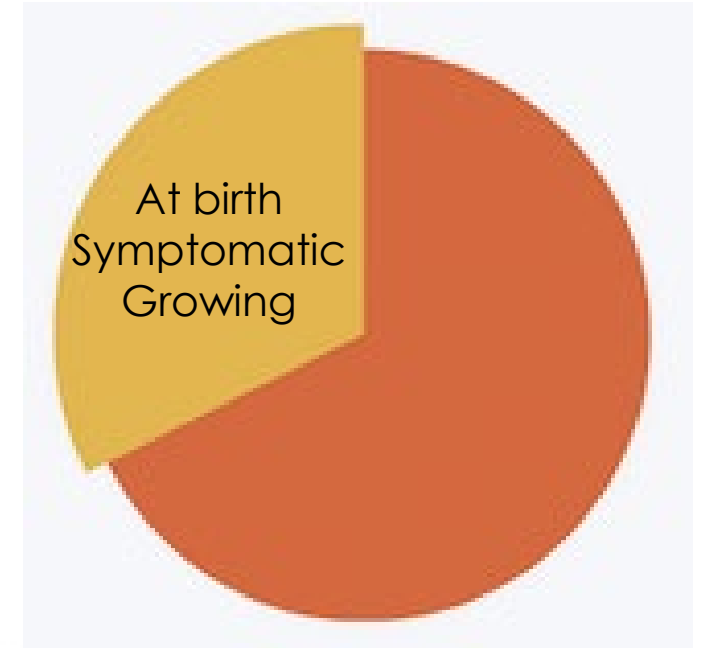
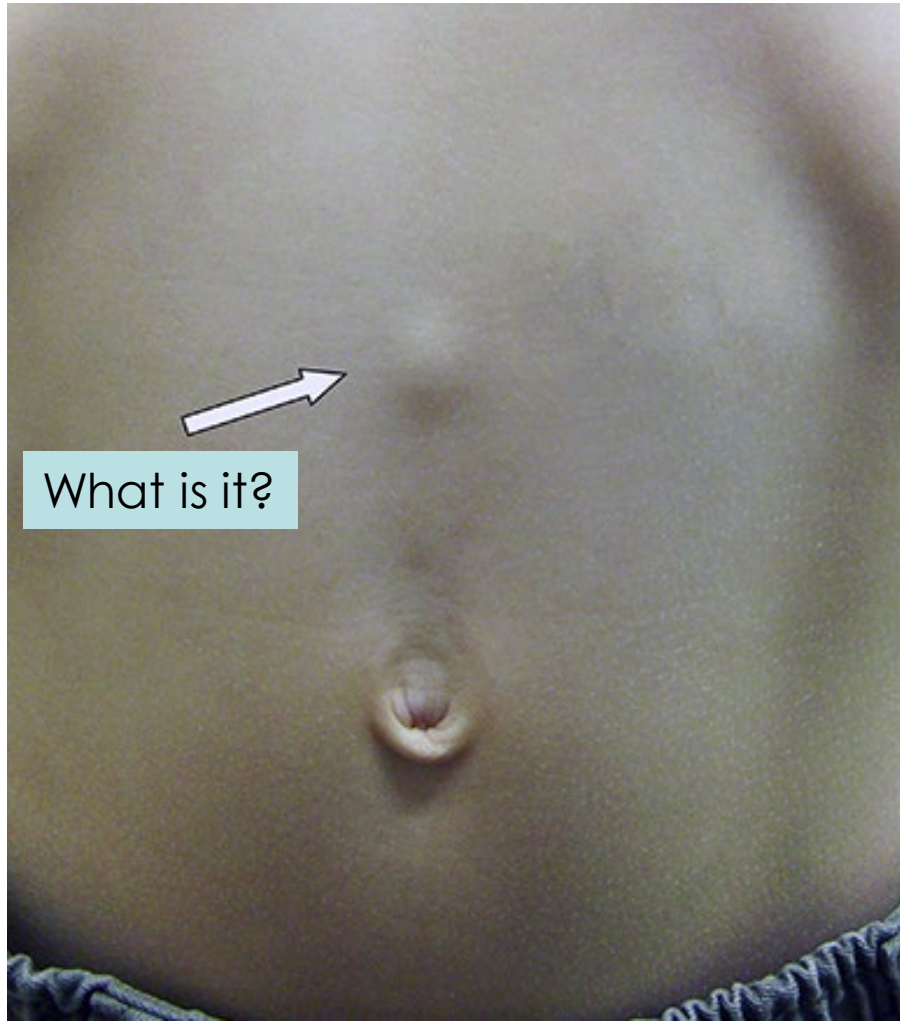
- Understand how to apply an efficient approach for diagnosing different hernias in infants, children, and adolescents.
- Learn current controversies in the timing of the treatment of pediatric hernias.
- Gain a working knowledge of new surgical treatments used for managing pediatric hernias in 2022.

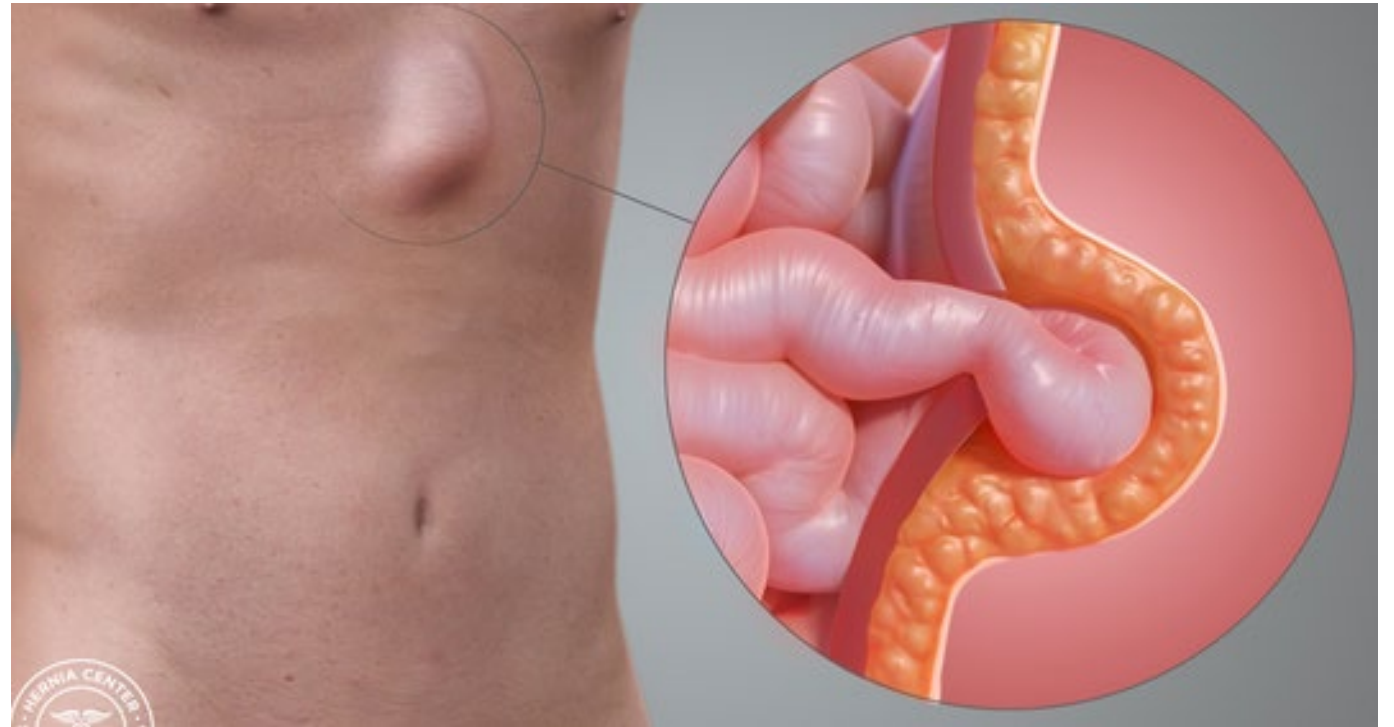
# Disclosures

- None



# Epigastric hernia







**DO'S**



**DON'TS**





## PROS

Get 'rid' of bump

Prevent problems



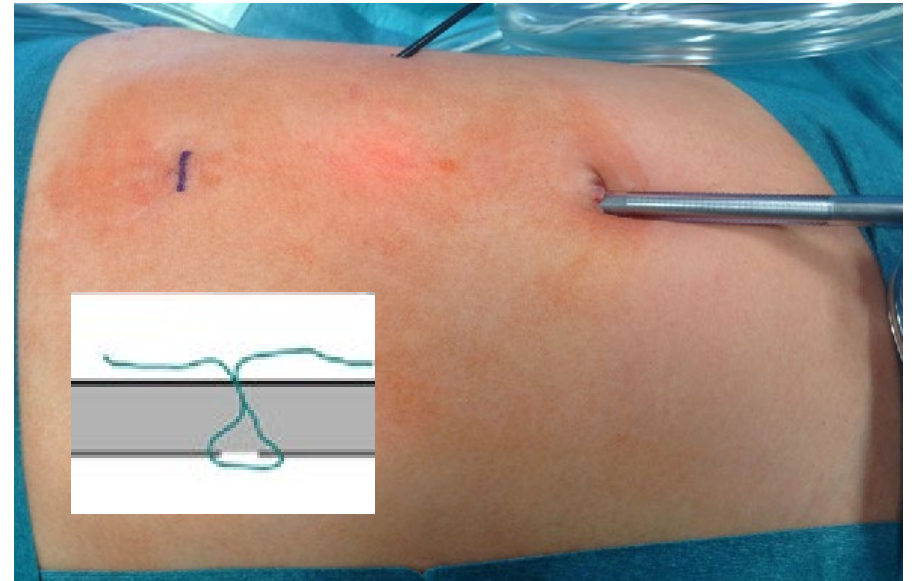
## CONS

$\Delta$  bump = 0

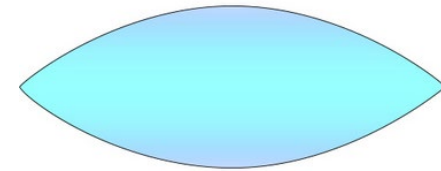
Asymptomatic

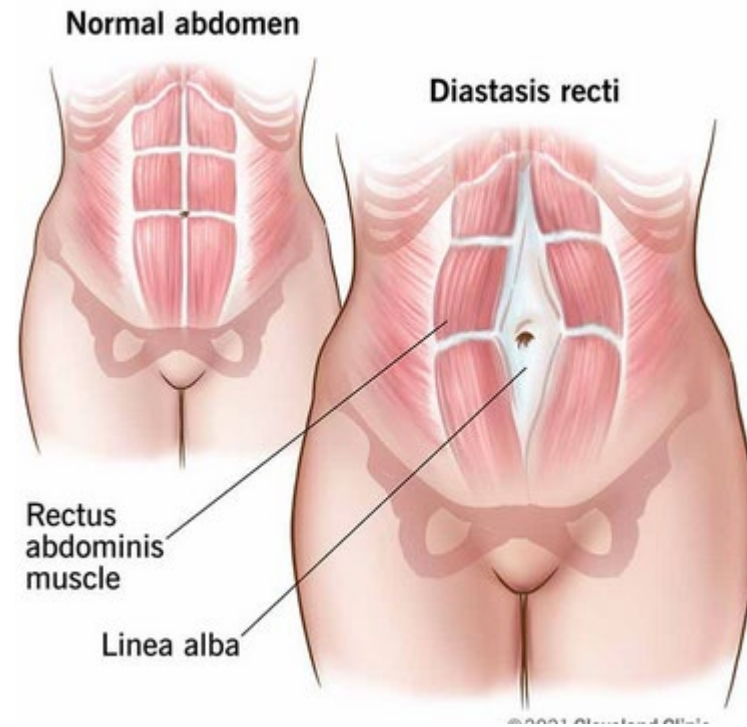
Requires operation

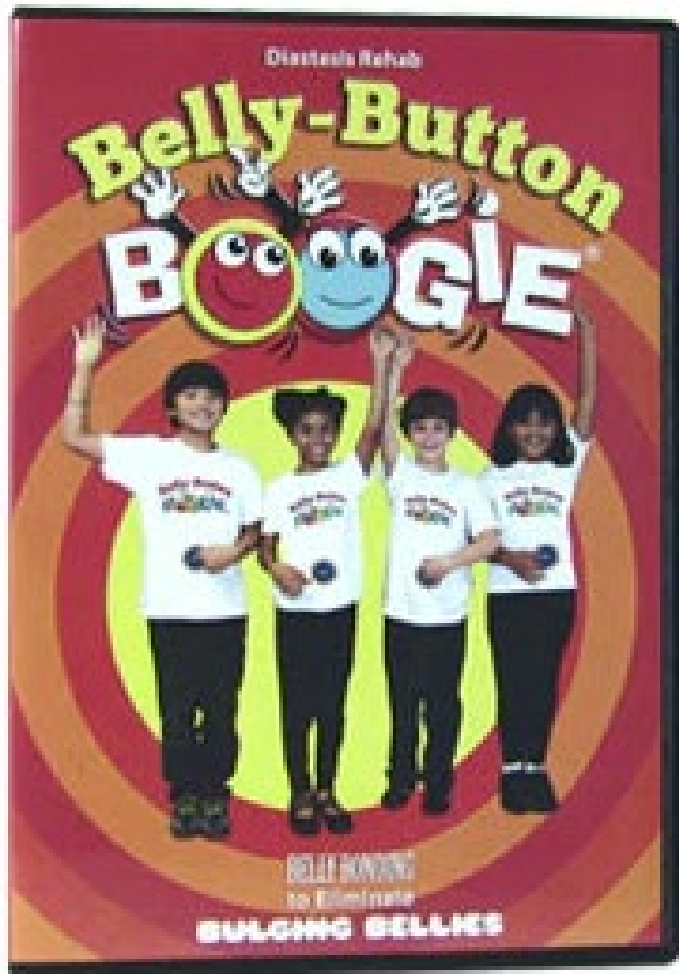




# Periumbilical Hernia

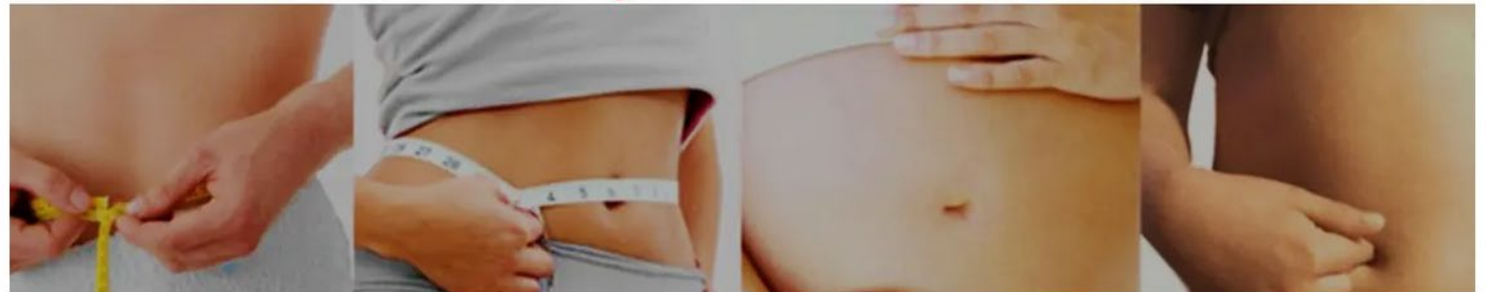






# Tupler Technique<sup>®</sup>

Non-Surgical Treatment for Diastasis Recti





Why?

When?

How?



Why?



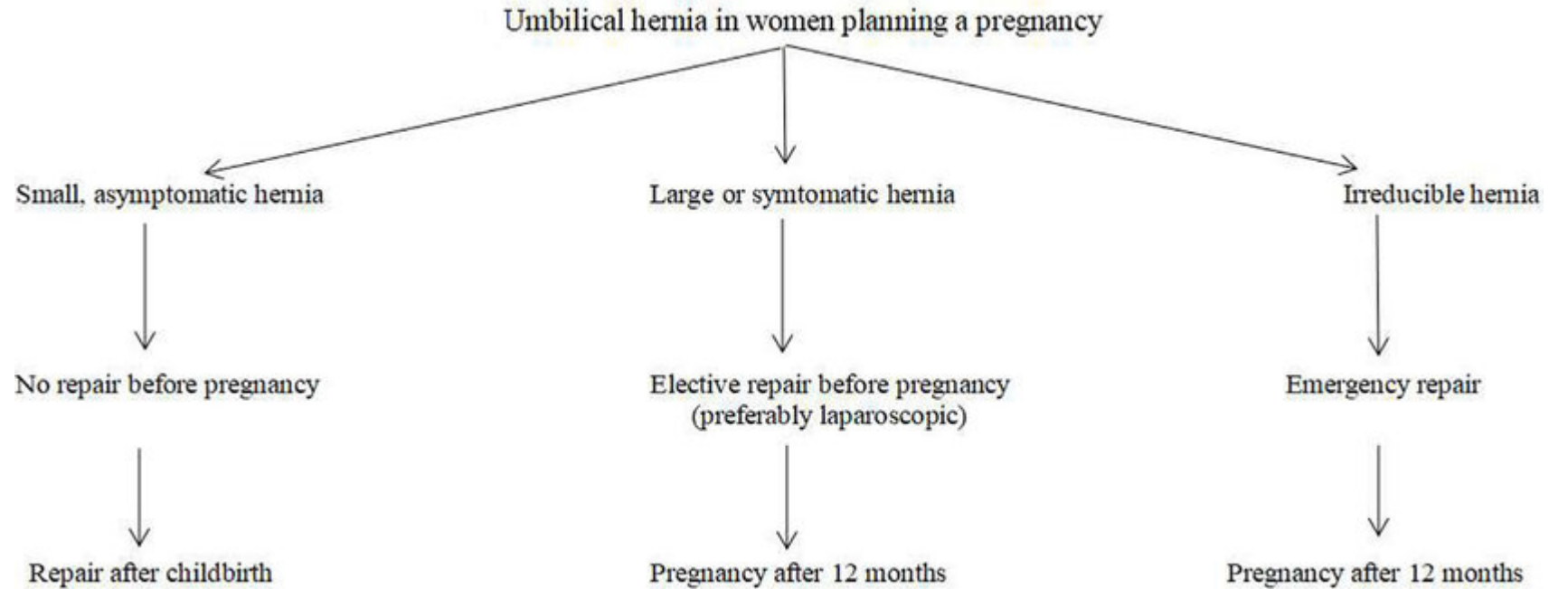
Incarceration

1:1,500

Strangulation

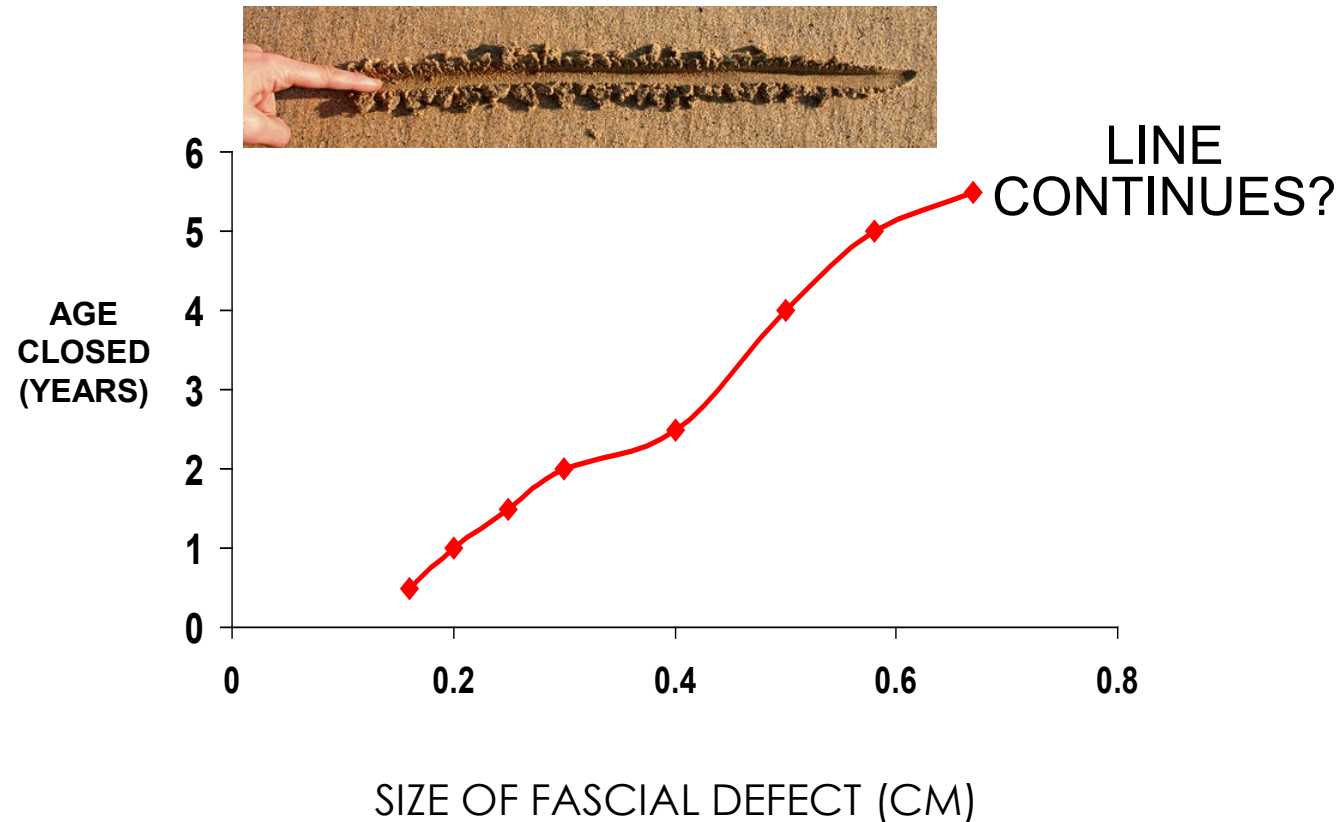
1:30,000





# Size of Fascial Defect in Infancy and Age of Closure

When?





## Tonus Elast Medical Grade Umbilical Hernia Belt, Baby, Infant, Child Abdominal Binder Navel Truss Support

Brand: Tonus Elast

★★★★☆ 3,142 ratings | 44 answered questions



\$17<sup>99</sup>

Get **Fast, Free Shipping** with Amazon Prime & **FREE Returns**

Get \$50 off instantly: Pay \$0.00 ~~\$47.99~~ upon approval for the Amazon Rewards Visa Card. No annual fee.

**Specific Uses For Product** Umbilical hernia

**Brand** Tonus Elast

**Size** One size fits all

**Special Feature** Adjustable

**Age Range (Description)** Baby

### About this item

- EUROPEAN MANUFACTURER \*\* High quality medical product \*\* Recommended by doctors.
- WHEN AND WHY TO USE: for conservative treatment of umbilical hernia for

\$17<sup>99</sup>

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Qty: 1

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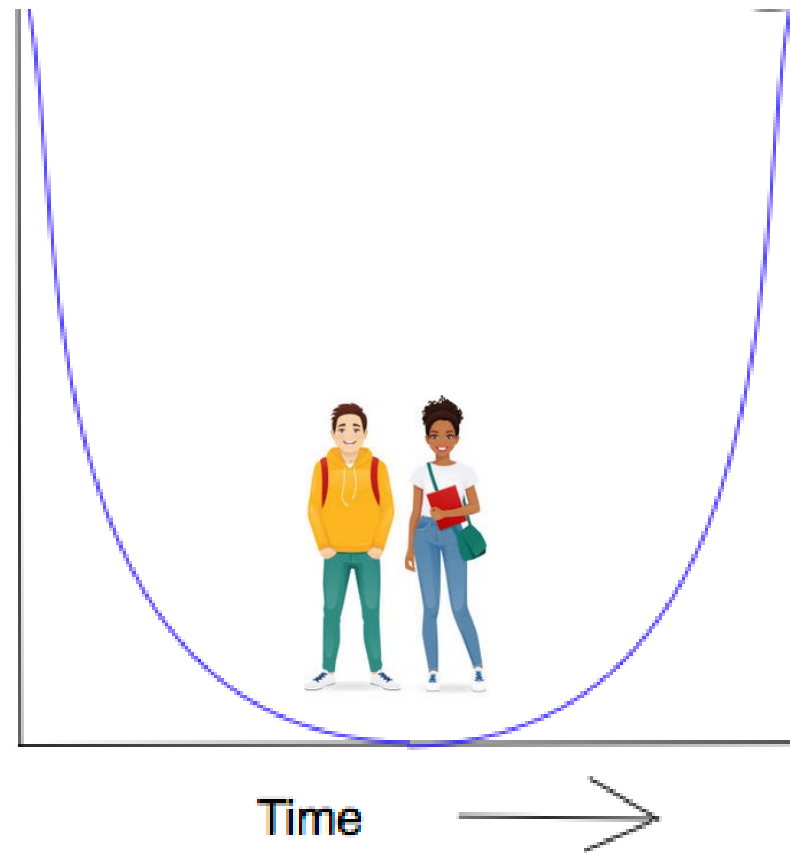
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Ships from Amazon  
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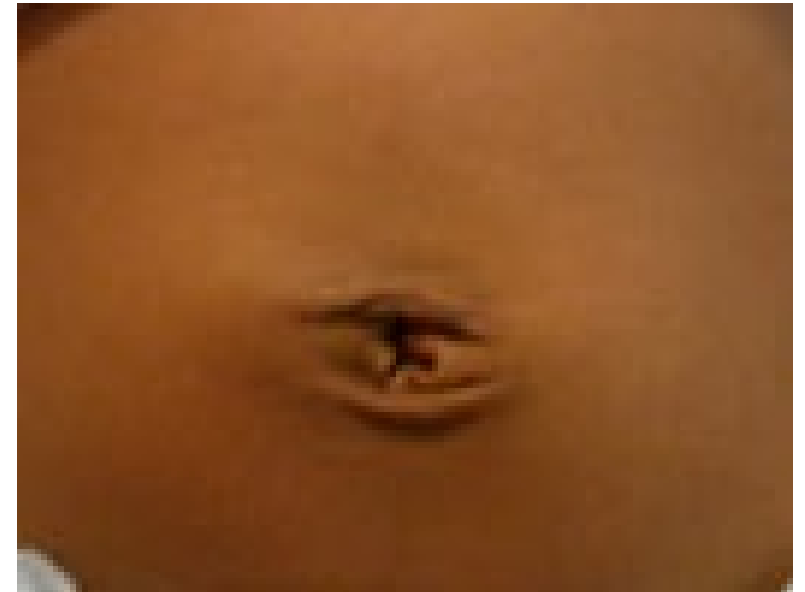
Return policy: Eligible for Return, Refund or Replacement within 30 days of receipt



# Umbilical Fascial Size



# How?



## **SIZE**

Infants with “elephant trunk”  
School age, defect 1-1.5 cm  
All teenagers

## **OTHER**

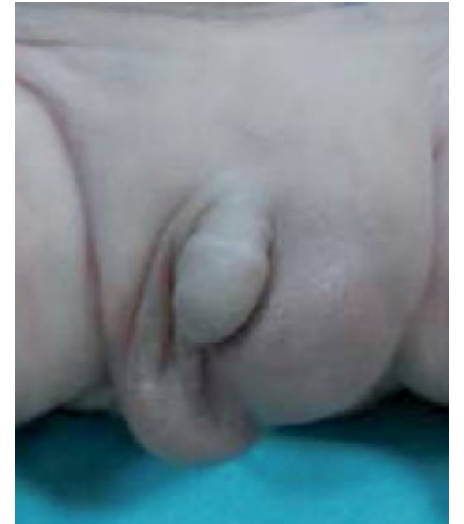
Multiple reductions AND stressed parents

# Umbilical Polyp

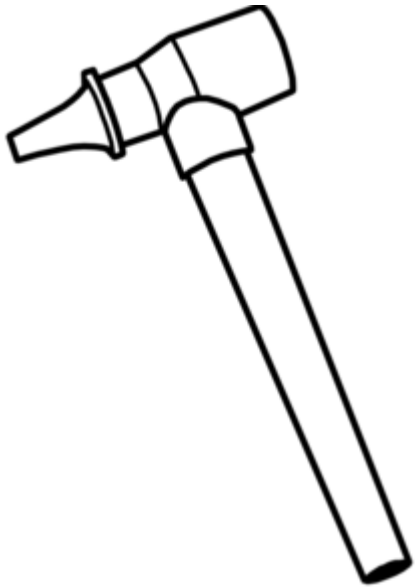




VS.

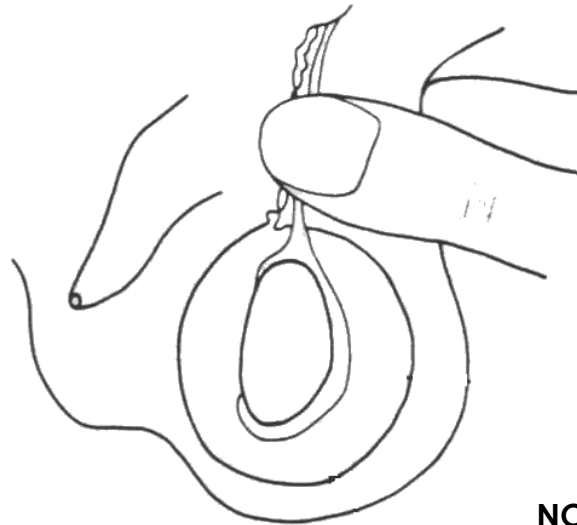






# Hydrocele

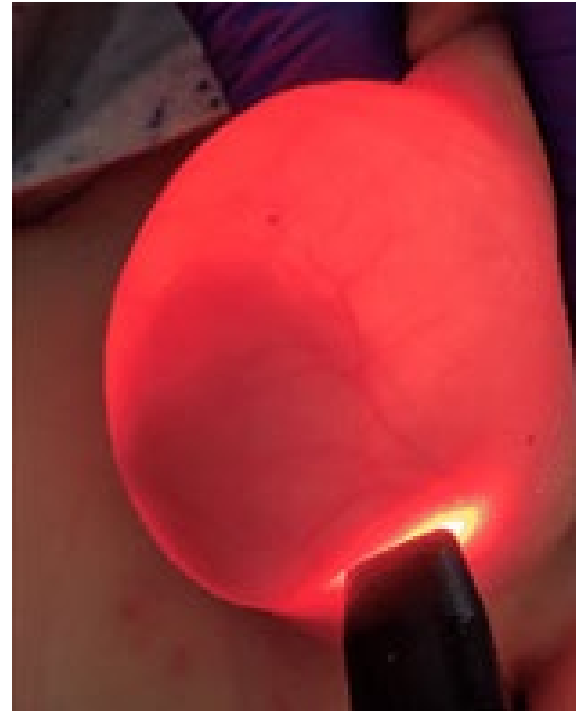
**NARROW CORD  
ABOVE SWELLING**

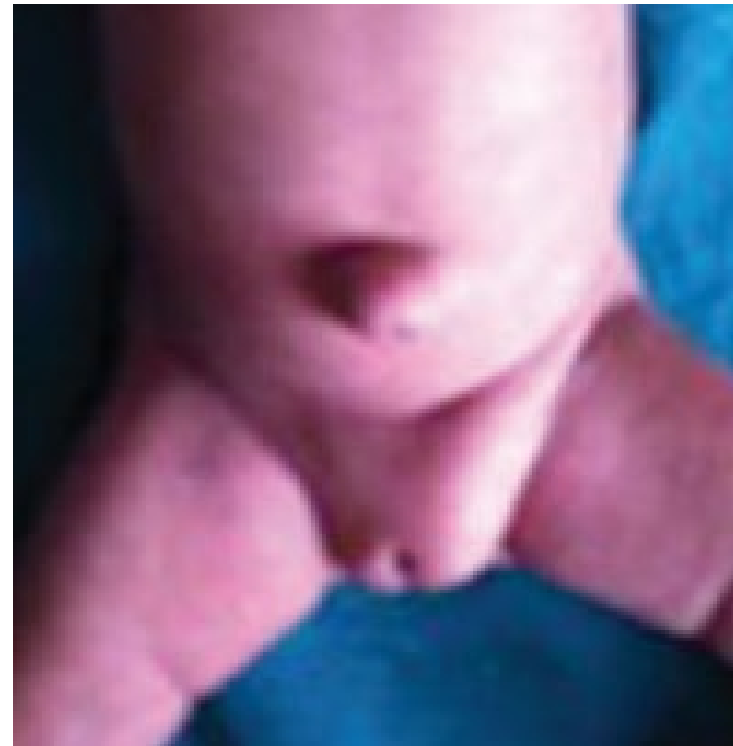


**NON-TENDER  
FLUID COLLECTION**

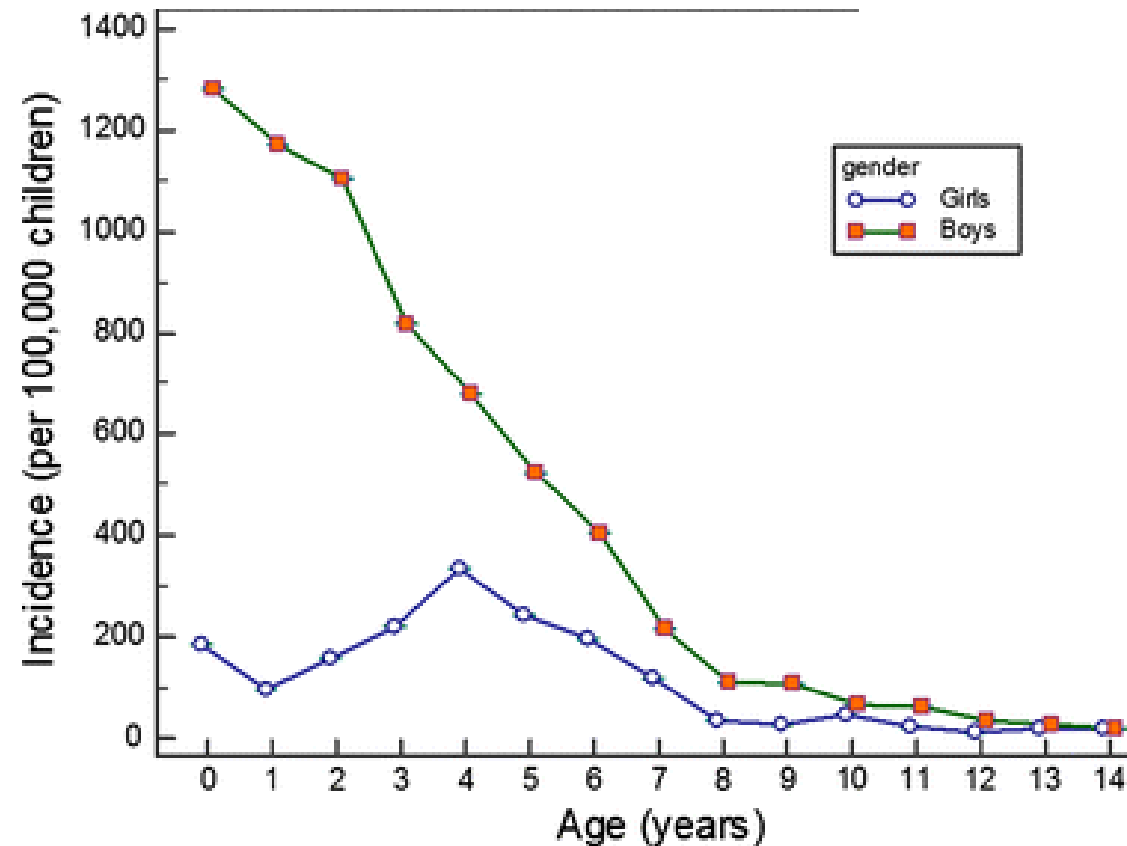


**DON'TS**

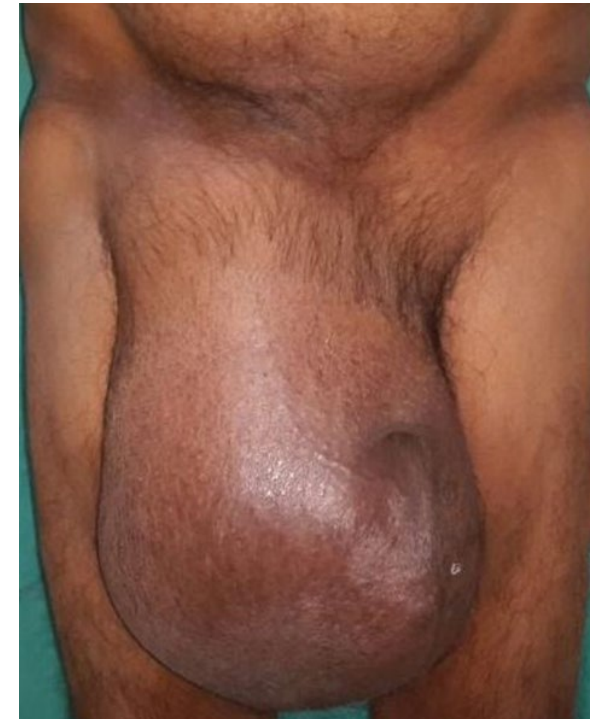
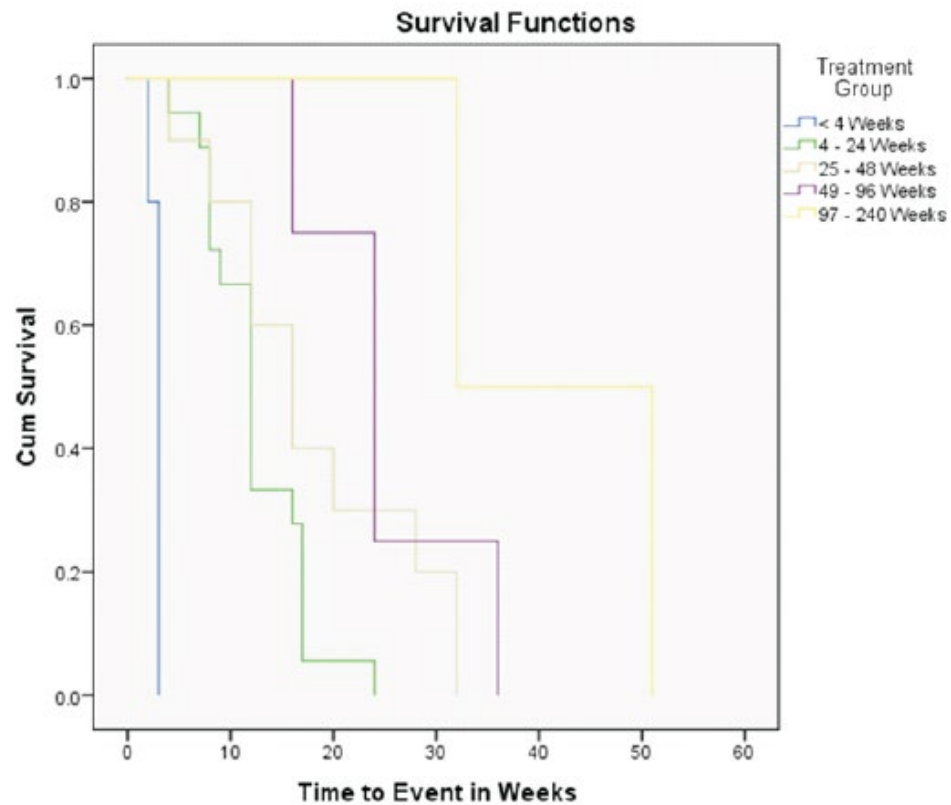




# Incidence of Hernias by Age

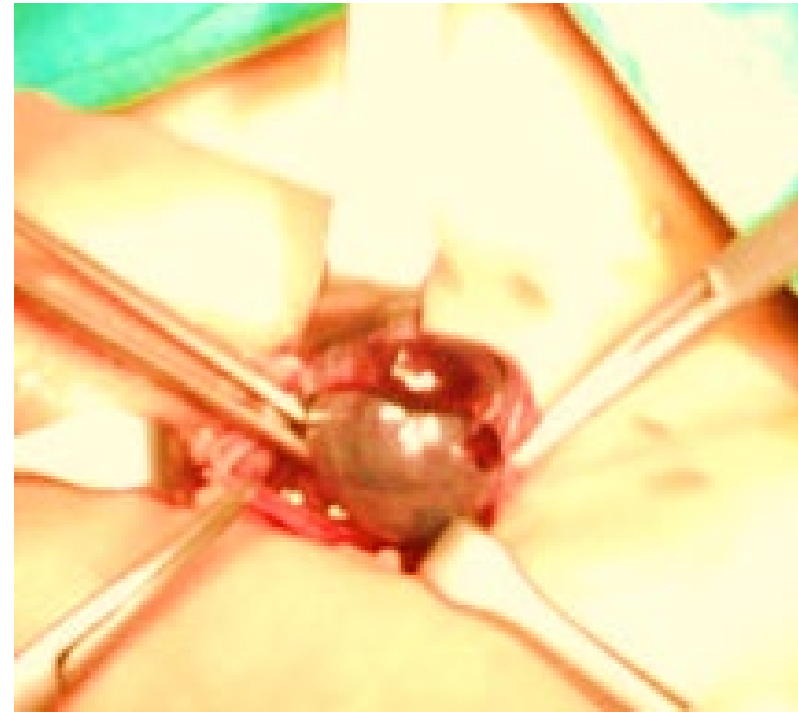
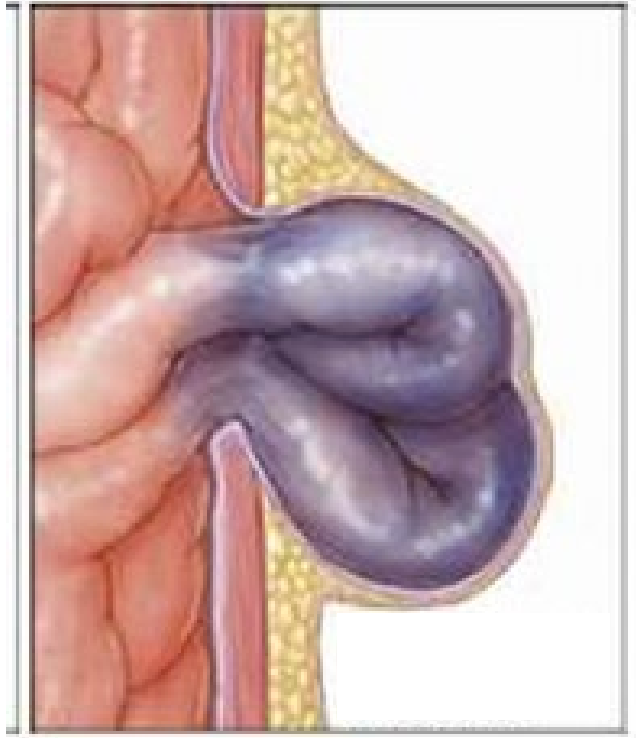


# Incarceration Risk by Age

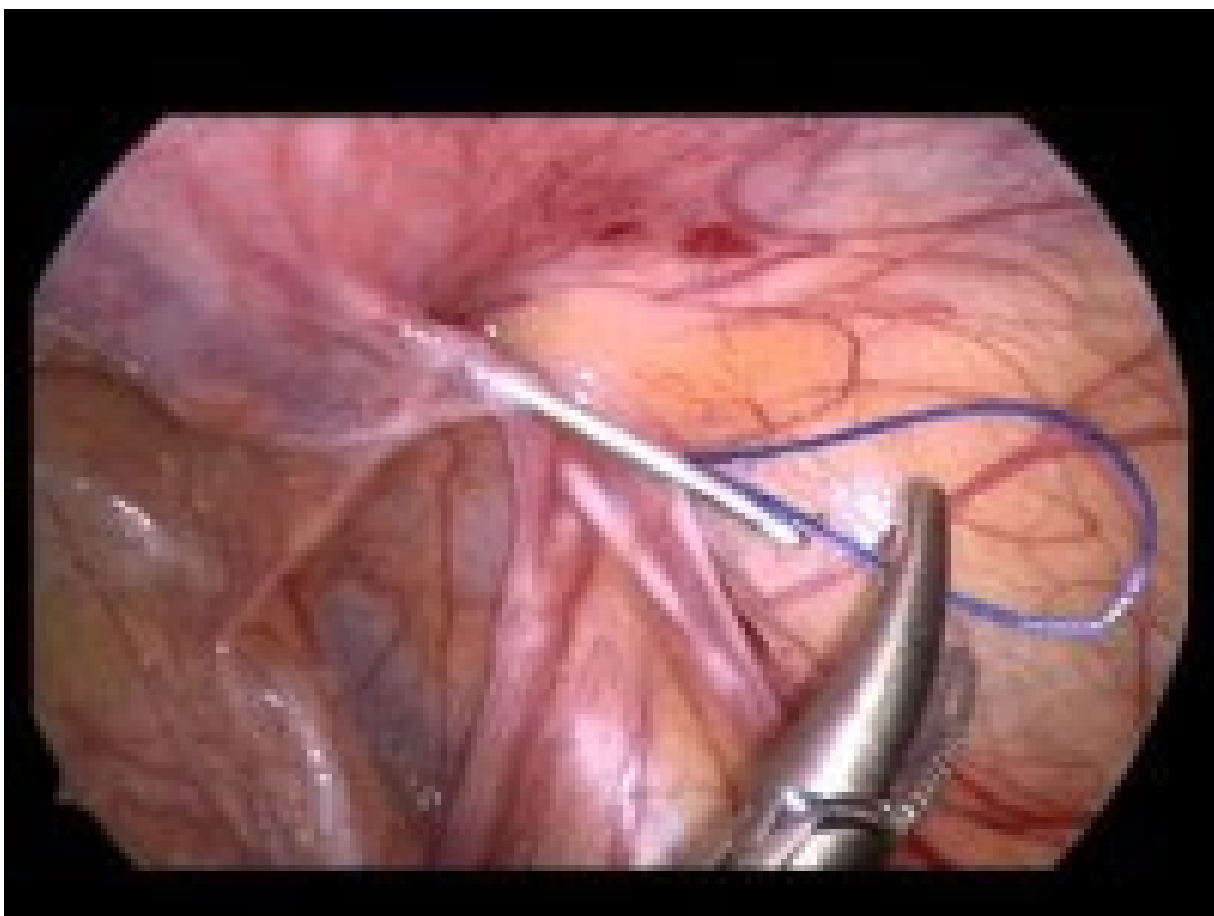


Why?

# Incarceration



♂



♀





# Inguinal Hernia Video for Parents

<https://kids.luma.one/embed/?x=000014>

**Thank You!**

