

# Functional and pelvic floor urology

Dr niloofar rostaminejad

Female urologist

Iran university of medical science

## ■ Urinary incontinency

1-stress incontinency

2-urge incontinency

3-total incontinency

4-traumatic incontinency

5-functional incontinency

6-neurologic incontinency

7-giggle incontinency

8-overflow incontinency

9-nocturnal enuresis

## ▀ Stress incontinency

urinary incontinence due to rise of abdominal pressure like sneezing or coughing ... .

Diag:vaginal.exam , sono,UDS,cystoscopy

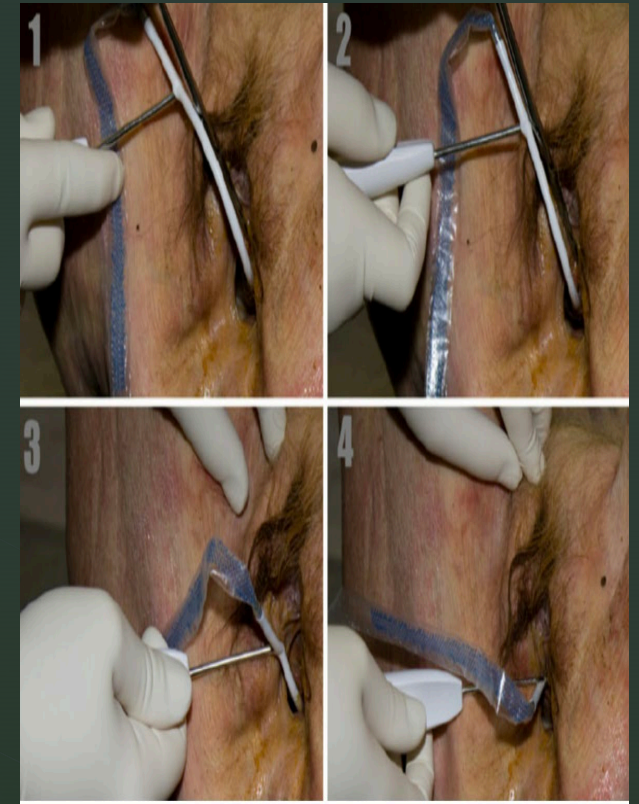
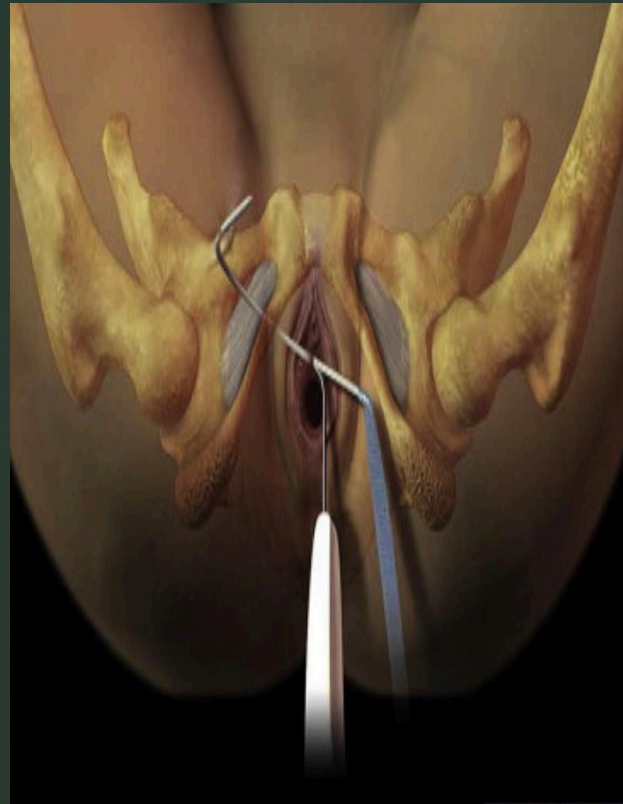
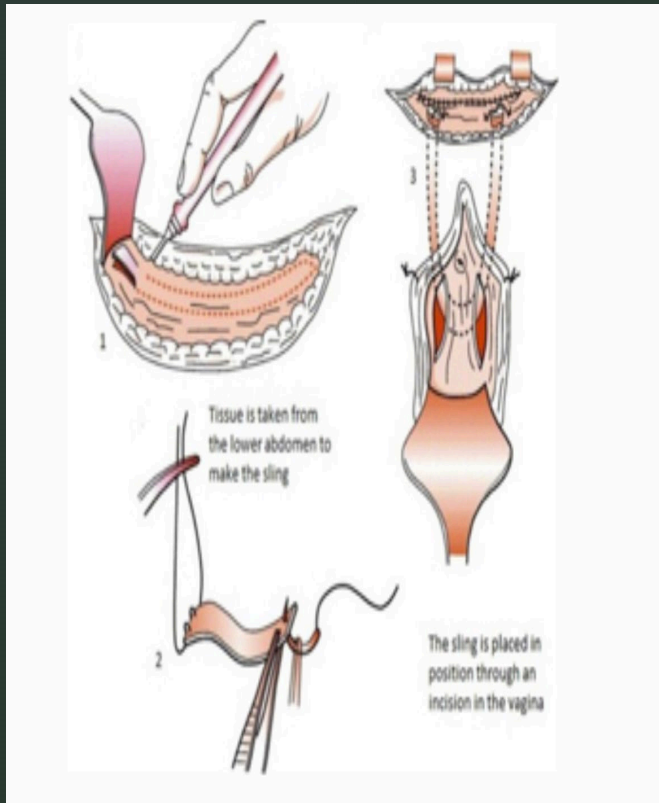
treat:medical,surgery



# Fascial sling

# TOT

# TVT



- Urgency incontinence  
due to urinary urgency  
diag: phy. exa , sono, UDS, cystoscopy  
treat: medical, bottox injection



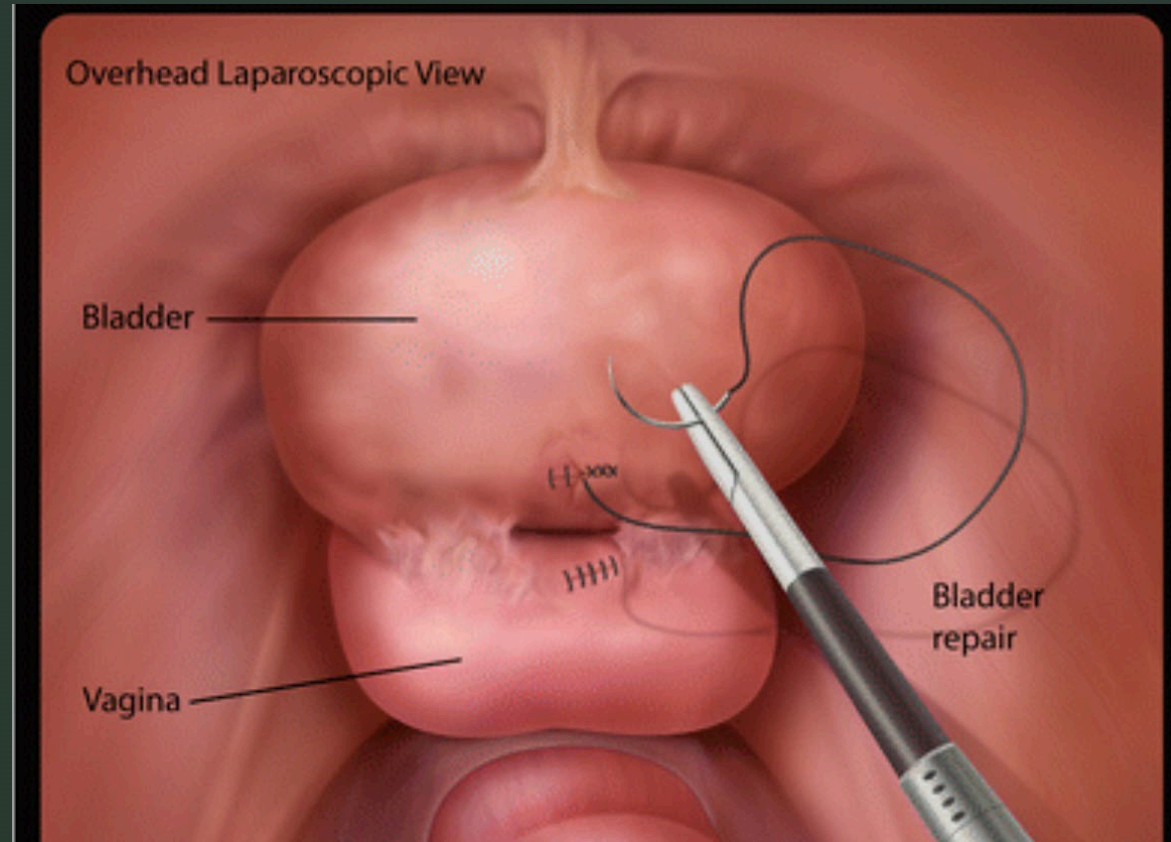
## ■ Total incontinency

ongoing urinary incontinence which is pad dependent

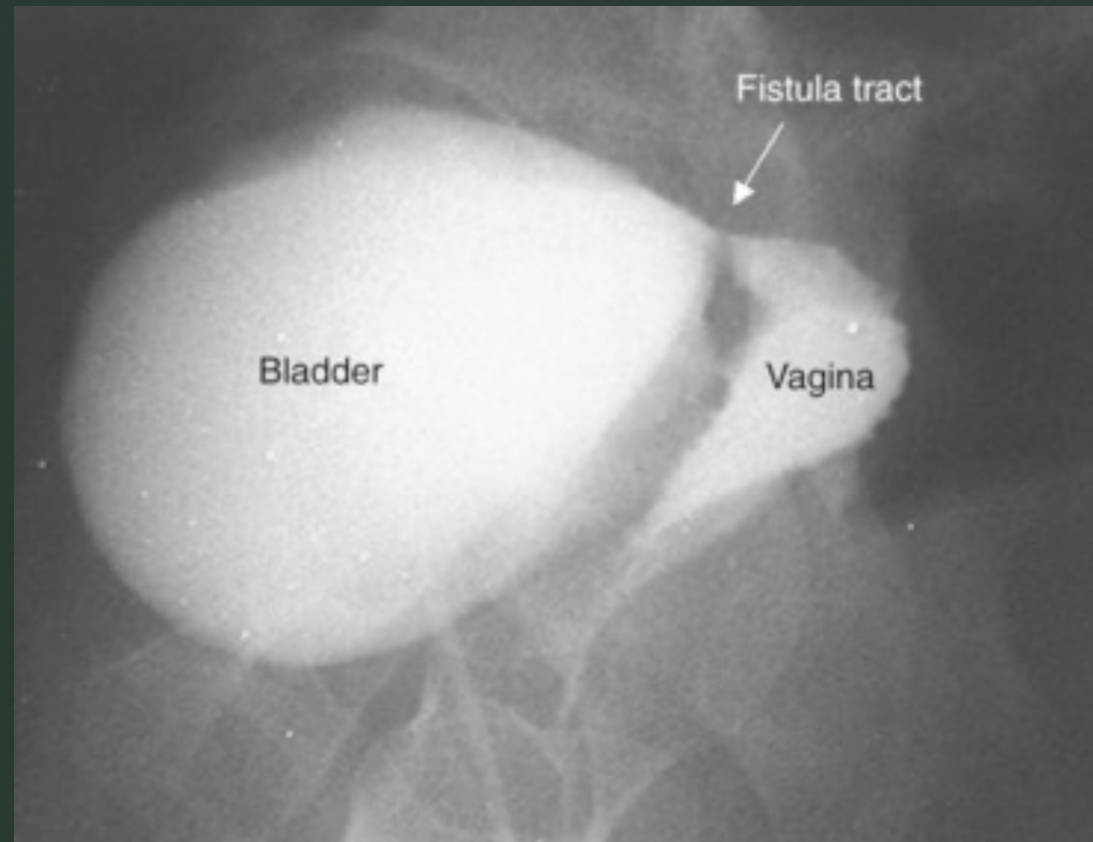
diag:vaginal  
exam,sono,VCUG,IVP,cystoscopy

treat:surgery

# Vesiovaginal fistula



# VCUG





## ■ Traumatic incontinency

due to traumas in different surgeries like orthopedic surgeries ,gynecologic and urologic ones

diag:history and phy.exam ,  
sono,VCUG,UDS,cystoscopy

treat:depends on case medical or surgery

- Functional incontinency  
due to disability of person  
treat:no need

## Neurologic incontinency

due to neurologic problems like CVA , MS  
or,.... .

Diag:history,phy.exam.,sono,UDS,cystoscopy

treat:depends on case

- Giggle incontinency

due to striated muscle cataplexy in 4-6 year girls.

Treat: no need





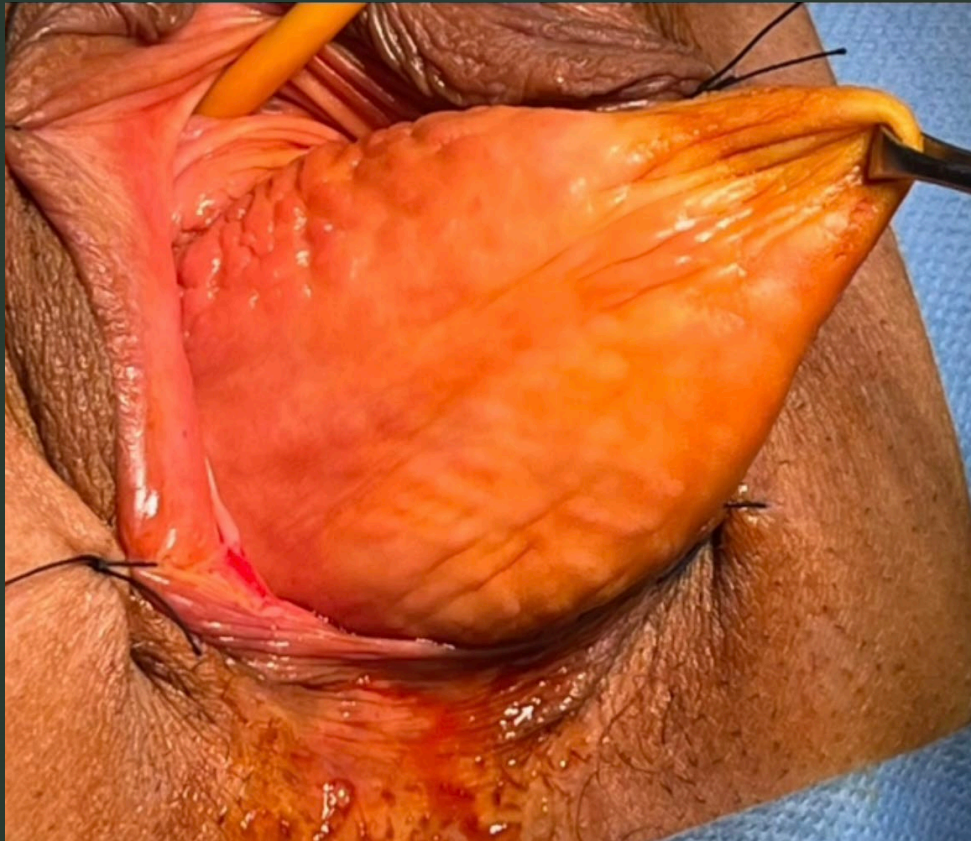
## ▀ Overflow incontinency

due to obstructive problems like BPH or  
POP

diag:history,phy.exam,sono,UDS,cydtoscopy

treat:fix the underlying cause

POP





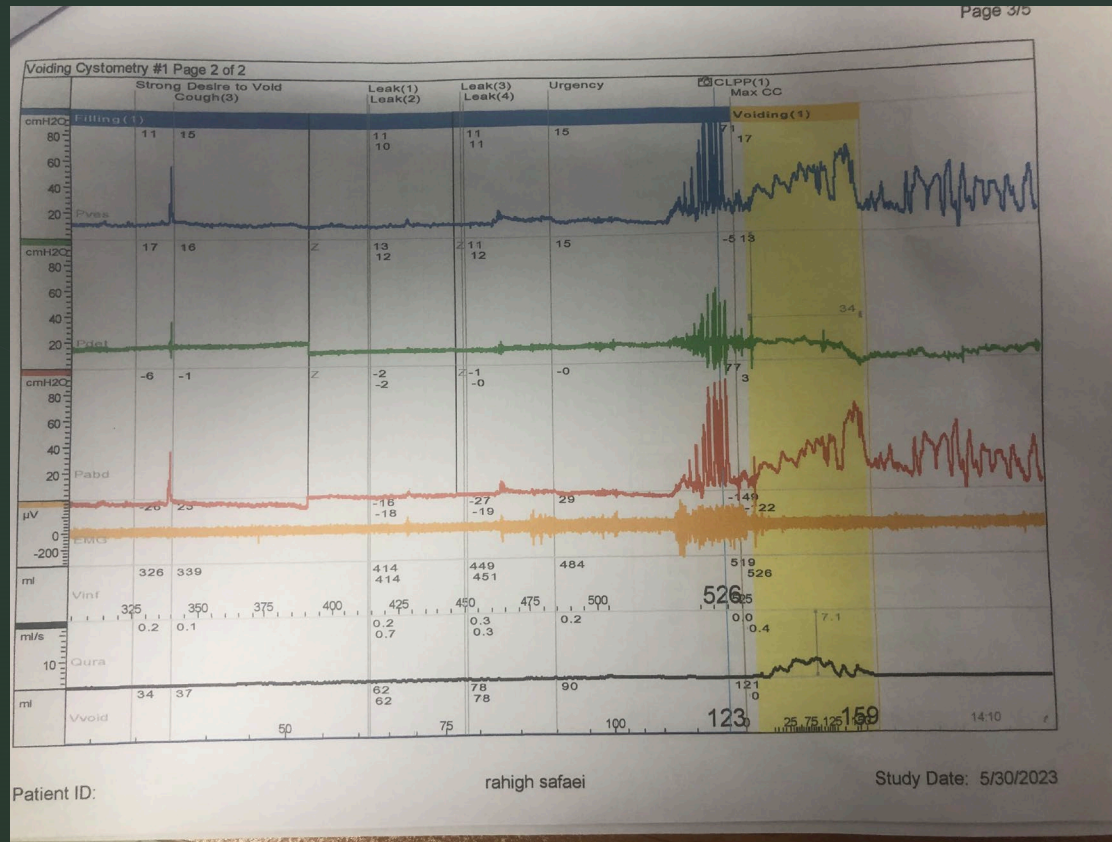
Rectocele



cystocele



# Obstructive pattern





- Nocturnal enuresis

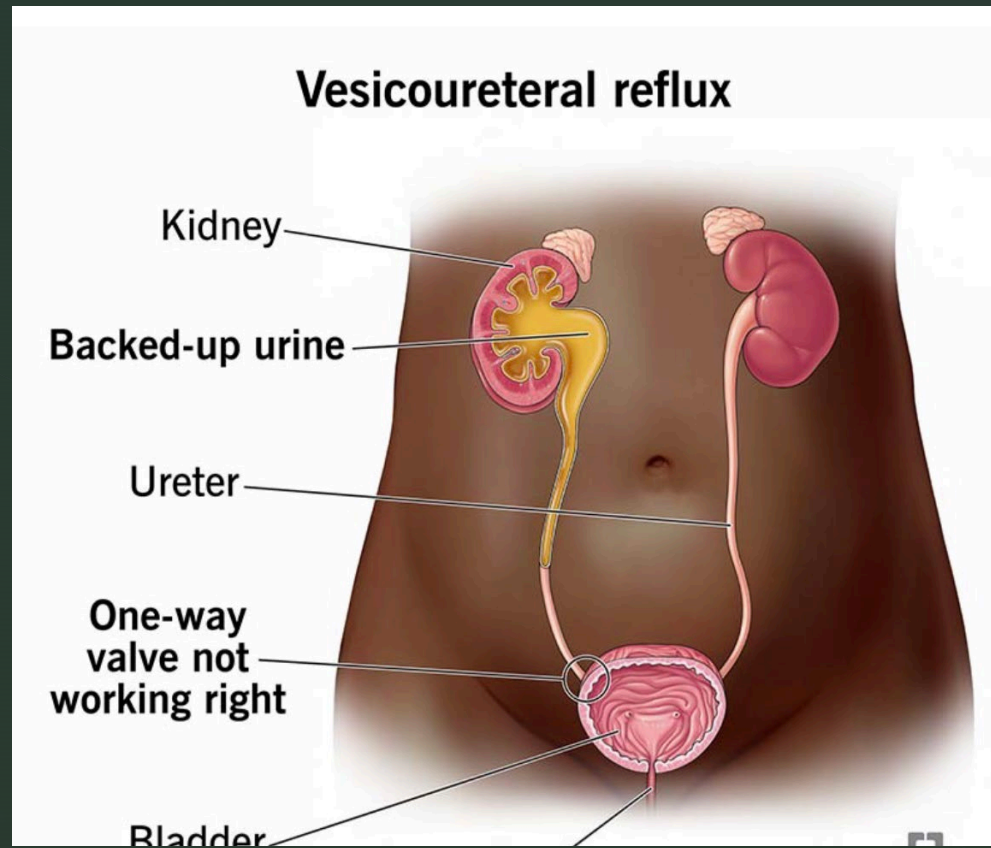
could be primary or secondary

diag:history,phy.exa,sono,lab data

trat:med



# Vesico-ureteral reflux



## Medical treatments

anticholinergic  
duloxetine  
mirabegron  
bottox





Thanks for attention

