

Changing treatment goal of andrological patient

Piotr Paweł Świniarski

MIBIE 2014

Giessen, Germany

- 32 year old male
- First time at andrology outpatient clinic
- Single, no stable relationship
- Occasional intercourse (1-2 times / week)
- Main complaints: from 6 months prolonged erections (2-4 hours), resolving spontaneously
- No penile pain
- No ejaculatory dysfunction
- Healthy, no chronic disease, no trauma, no past operations
- Smoking
- Physical examination - normal

- What would you do?

- Blood count - normal
- Psychological consultations
- Cyproterone acetate 50mg 1-0-1 tab.

- After 6 months he appeared again
- Satisfied with effect of cyproterone and psychological consultations, erections normal
- From 5 months he has a partner
- They try to conceive without success
- He wants to be examined and check fertility status

Examination

- Penis – normal
- Testes – left 12 ml, right 13 ml, no other pathologies
- Epididymis – both normal
- Vas deferens – present bilaterally
- DRE – smooth, symmetric, no pain, normal consistency.
- Breast – normal
- Tanner scale – 4/5

- What would you do?

- Stop cyproterone acetate
- Sperm test: in 0, 1, 3 months
- Hormonal panel in 3 months

- After 3 months he comes again
- Semen analysis – severe OAT at 1st test, improved slightly on the 2nd and 3rd test, but still below WHO2010 normal range
- Hormonal panel – normal (test done 3 months after dropping cyproterone)
- He complains on chronic recurrent pain in pelvis, occasional dysuric symptoms, pain in the urethra and both testes, sometimes blood in semen for the last 6 weeks

Examination

- Penis – normal
- Testes – normal, no pain during palpation
- Epididymis – normal, no pain during palpation
- DRE – smooth, symmetric, painful, enlarged, soft consistency

- What would you do?

- CRP, blood count, urine test
- Urine and semen culture

- Result: *E.Coli* in both (semen and urine) cultures
- Broad spectrum sensitivity to antibiotics

- What would you do?

- According to the urine culture was prescribed:
 - Ciprofloxacin 500mg 1-0-1 tab. for 4 weeks
 - Diclofenac 100mg 1-0-0 supp. for 4 weeks

- After 6 weeks he reports transient improvement in prostatitis symptoms, but after finishing antibiotic and NSAID pain in pelvis and dysuria return
- Still no pregnancy

- What would you do?

- Urine and semen culture again
- STD panel
- Semen analysis

- Result in semen culture: *E. faecalis*
- Urine culture – no growth
- STD – no infections
- Semen –
 - 3 ml,
 - 15 mln/ml,
 - 45 mln total,
 - Vitality, motility, morphology – in normal range

- What would you do?

- Nitrofurantoin 50mg 1-0-1 tab 4 weeks
- Diclofenac 100mg 1-0-0 supp 4 weeks
- Advice to avoid anal sex without condom
- Urine culture after finishing antibiotic

- Patient did not come for control after treatment
- He appeared again after 4 months: no pain, no prostatitis symptoms
- His partner is pregnant for 4 weeks

Thank you.