

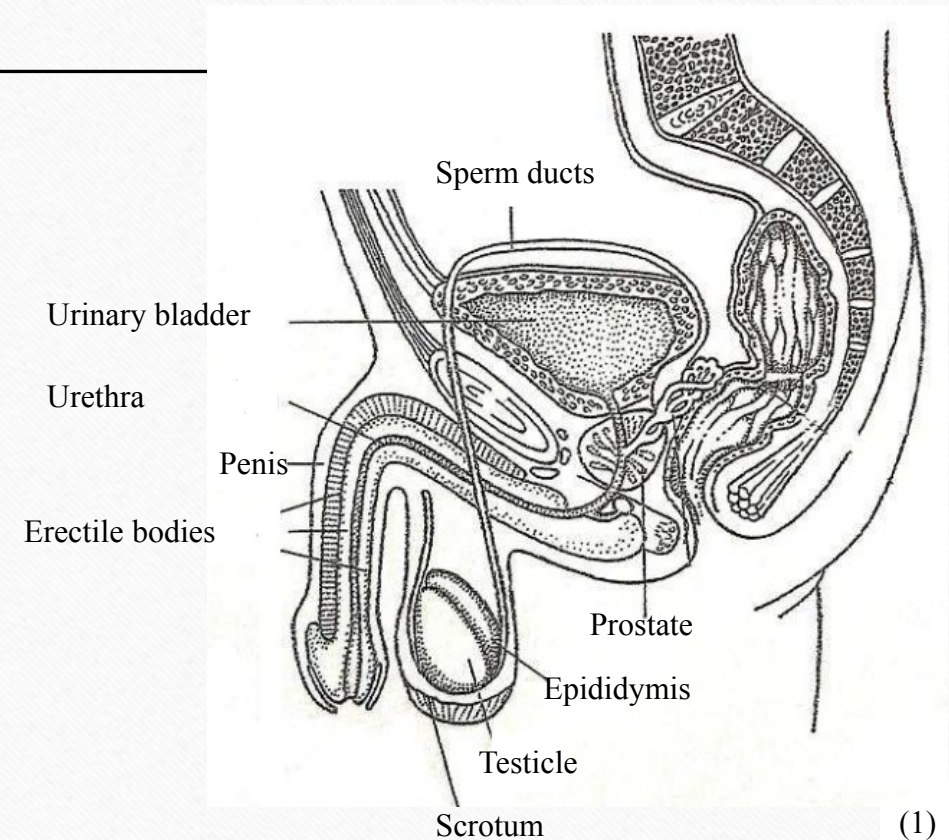
Oncological disease of the testicles

Teaching lesson 6

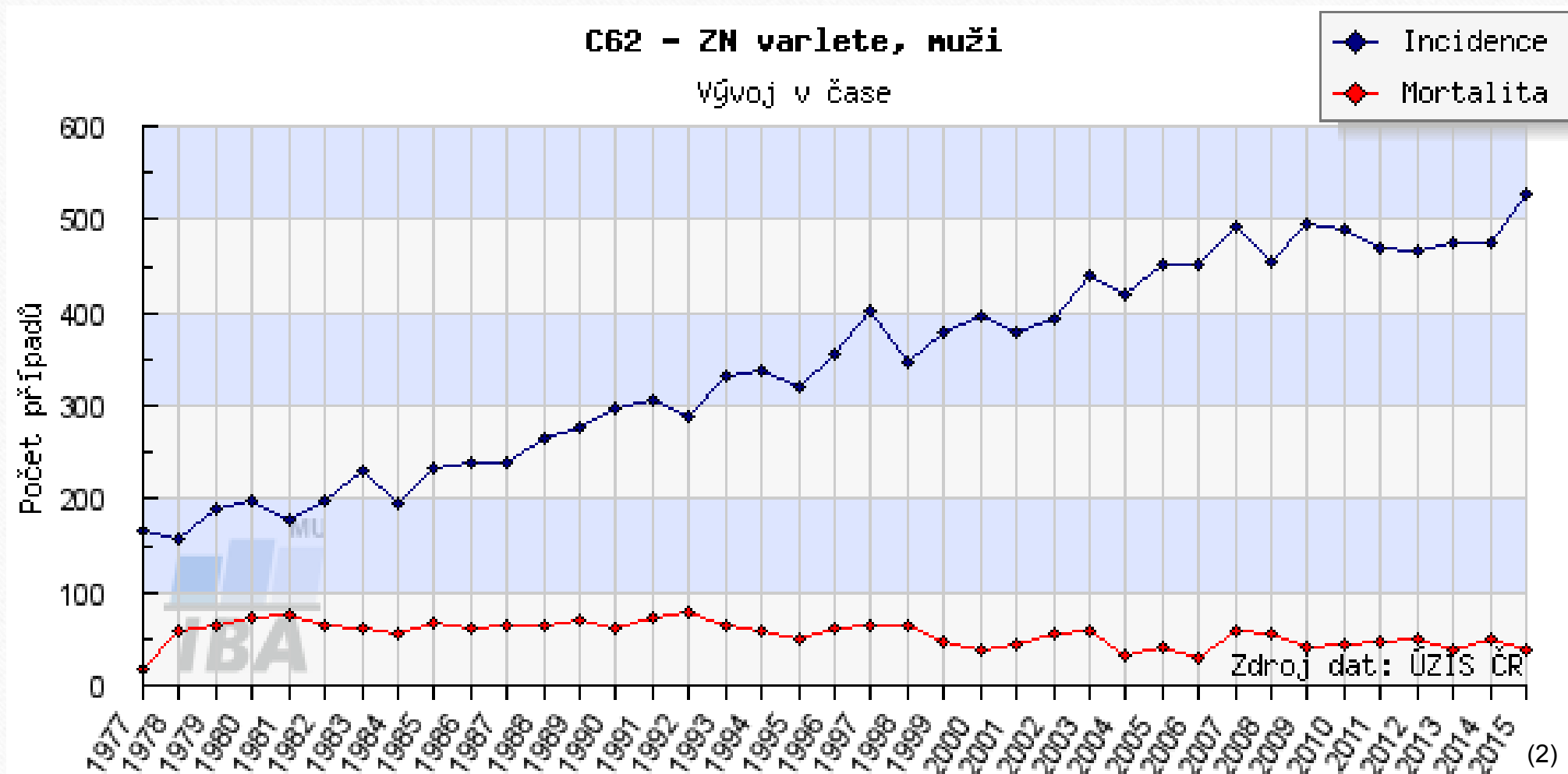
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Testicular cancer

- Testicles = testes
- Part of internal male genitals
- Egg-shaped pair organs
- The testicles are located in the scrotum
- Main functions
 - Production of germ cells – sperm cells
 - Production of sex hormone – testosterone



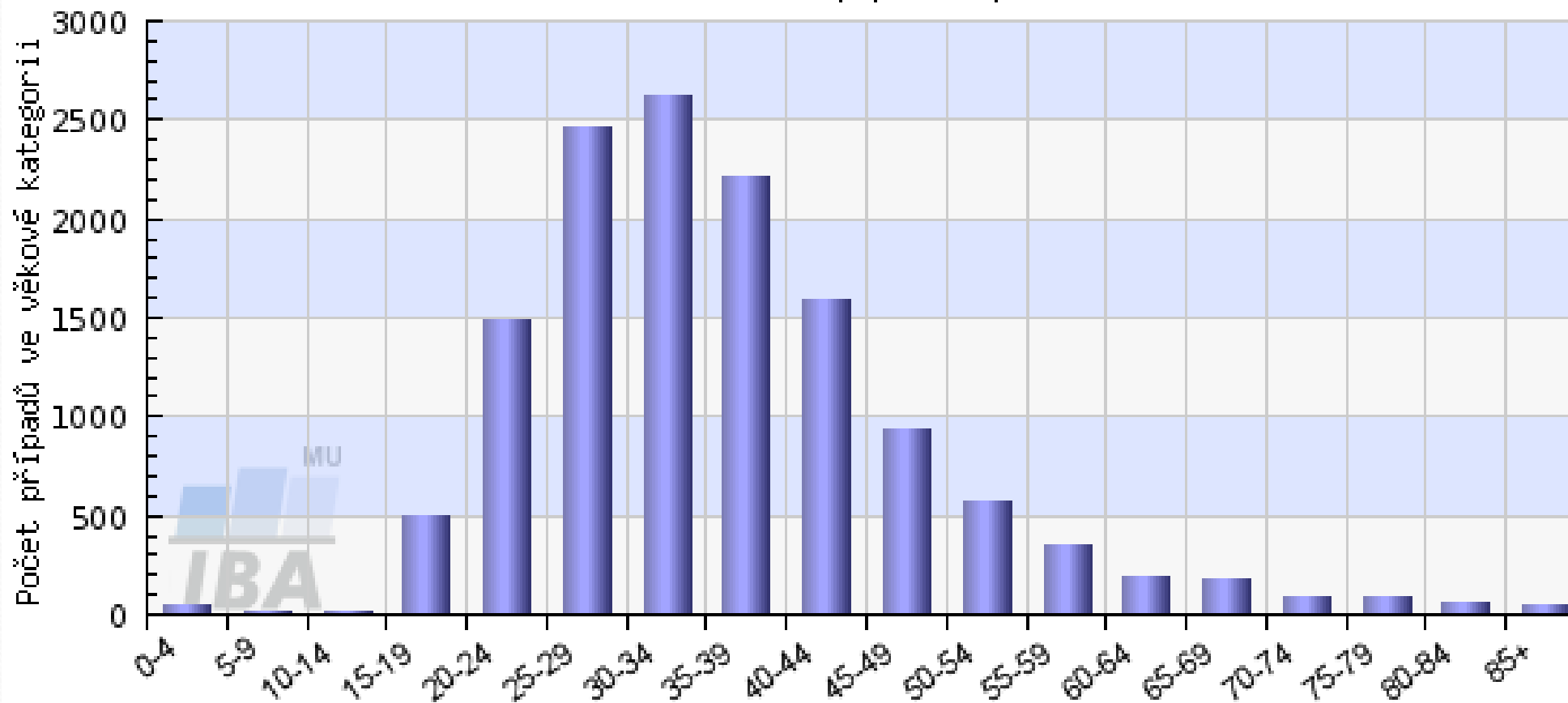
Occurrence of testicular cancer



Testicular cancer is one of the most frequent neoplastic diseases in men aged 15-35 years!

C62 - ZN varlete - Incidence, muži

věková struktura pacientů



Risk factors

- Cryptorchidism = undescended testicle
 - The testicle is withheld in the inguinal canal or the abdominal cavity.
 - If not descended within 6 months after birth, surgical treatment must be undergone.
 - Treatment must take place within 18 months.
- Inheritance

Symptoms

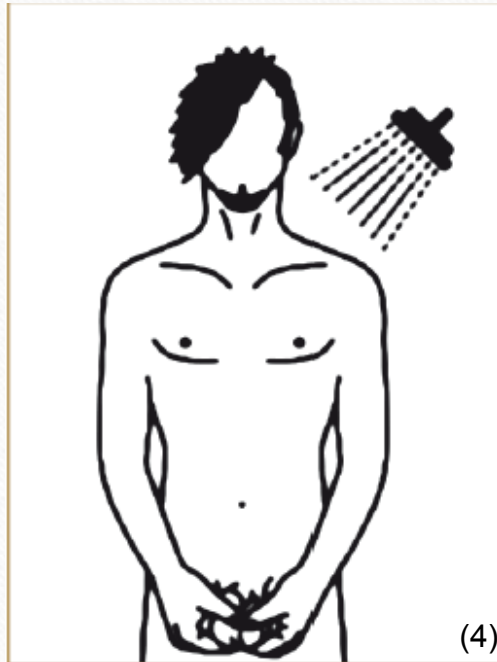
- Irregularity, palpable lump, bumps on the testicle
 - Changes in size
 - Stiff or hard testicle
 - Pain in the testicle, groin or lower abdomen
 - Enlargement and swelling of the mammary glands
 - Fatigue, lack of appetite, weight loss
- } Later stage of disease

In case of any deviations from normal state, the physician must be consulted immediately!

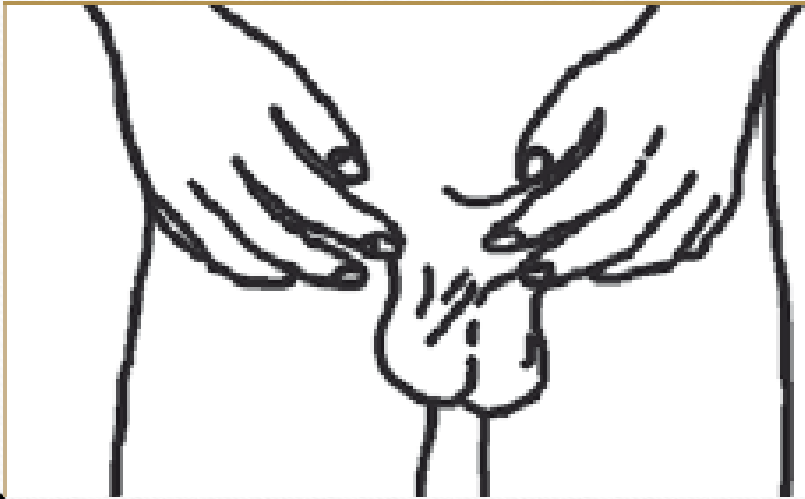
Prevention

- Primary prevention
 - Observing general principles of prevention of neoplastic diseases
- Secondary prevention
 - **Self-examination of testicles**

Self-examination of testicles



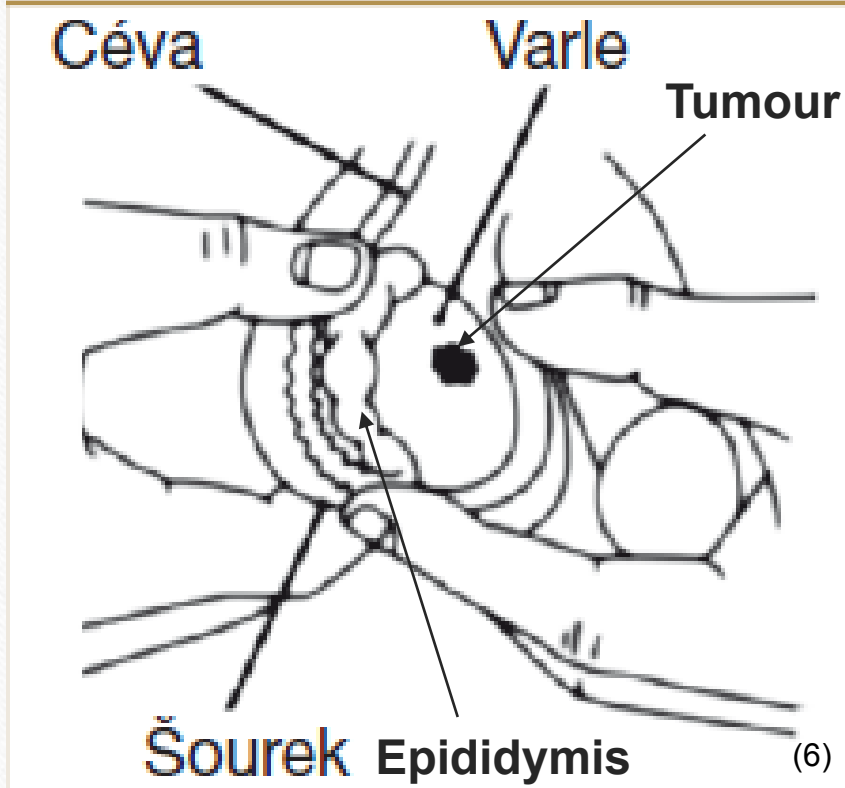
- To be carried out regularly once a month.
- Should be performed after a warm bath or shower, palpation is easier and pain-free.



- First of all, visual examination is performed.
- Any changes in the scrotum skin are identified in the mirror.
- The skin should not be tight, reddish or darker compared with the previous examination.
- Both size and volume must be checked.



- Each testicle is palpated separately.
- The testicle should be grasped by both hands – index fingers and middle fingers should be positioned under the testicle and the thumbs on the front side.
- The testicle is then gently turned between the fingers.



- It is important not to confuse a tumour and the epididymis.
- The epididymis is adjacent to the rear edge of the testicle.
- The same procedure is applied for the other testicle.
- **TASK:** On the picture identify the epididymis and the shape that could be a tumour.

References

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Figures:

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