

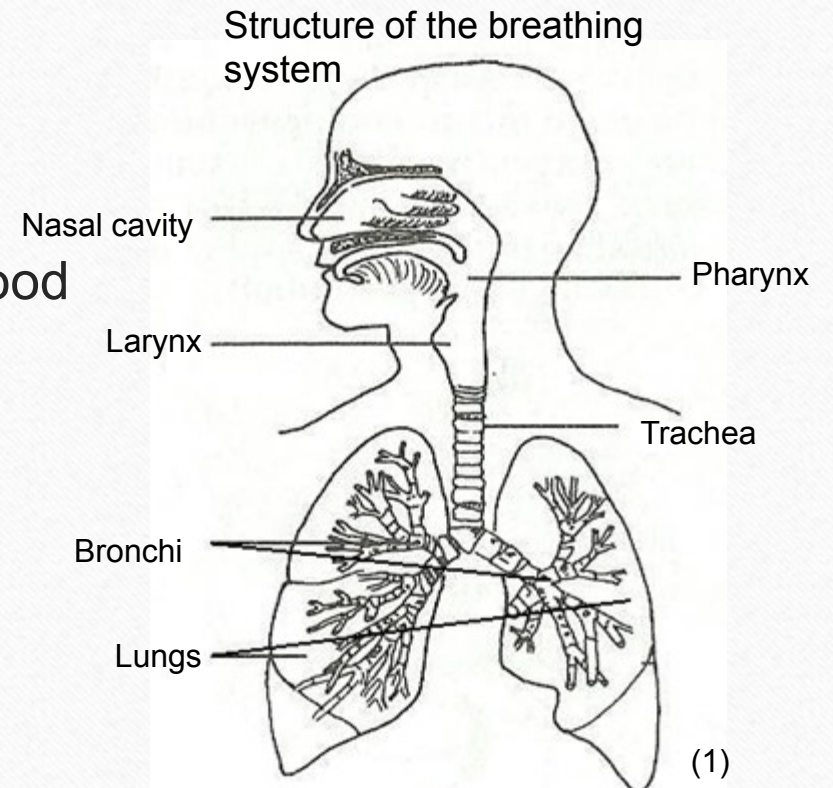
Oncological disease of the lungs

Teaching lesson 8

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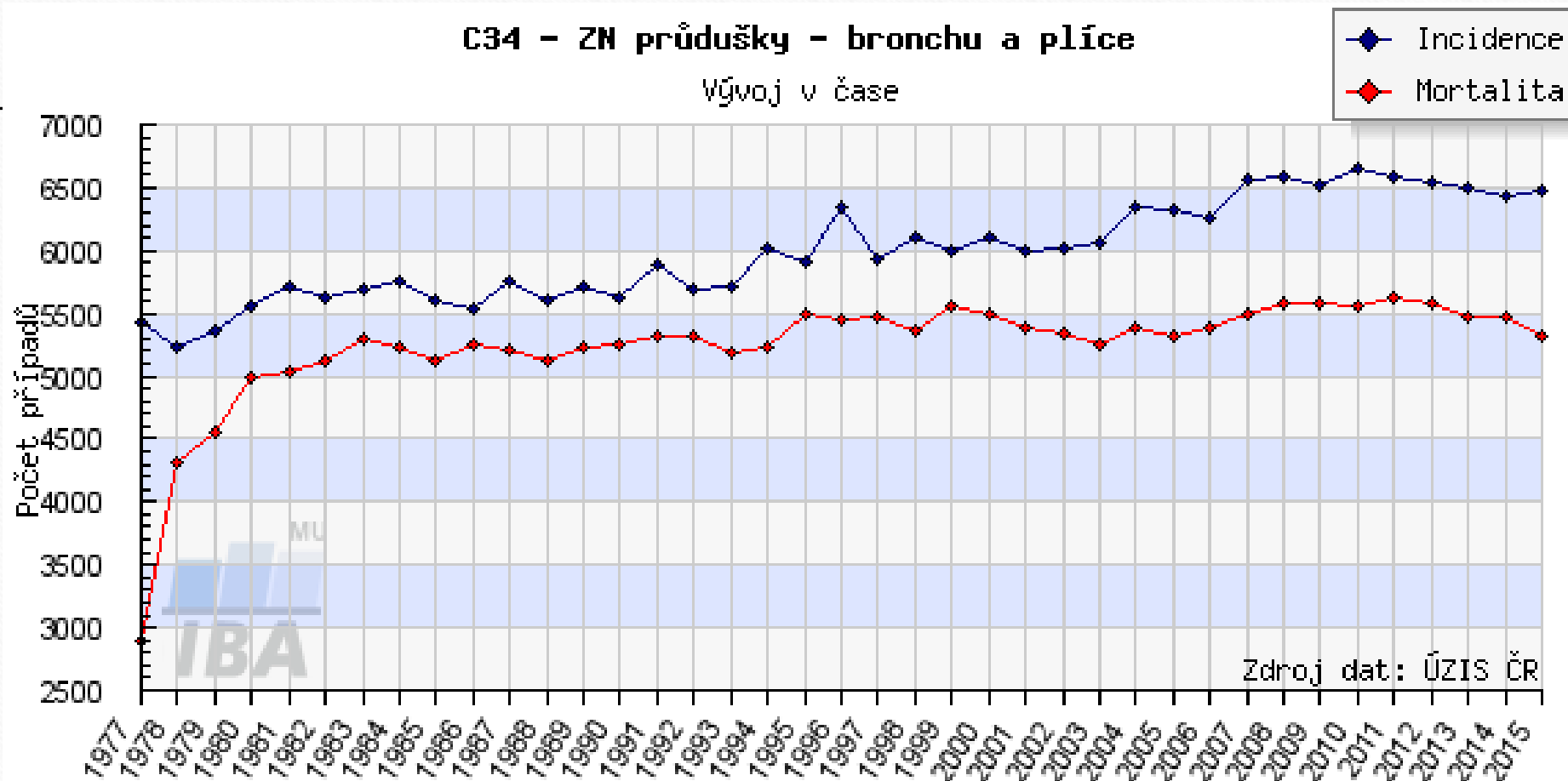
Oncological disease of the lungs

- Paired respiratory organ
- Main functions
 - Exchange of respiratory gases between air and blood
- Air passages frequently have metastases of other tumours, but these tumours are not classified as lung cancer.



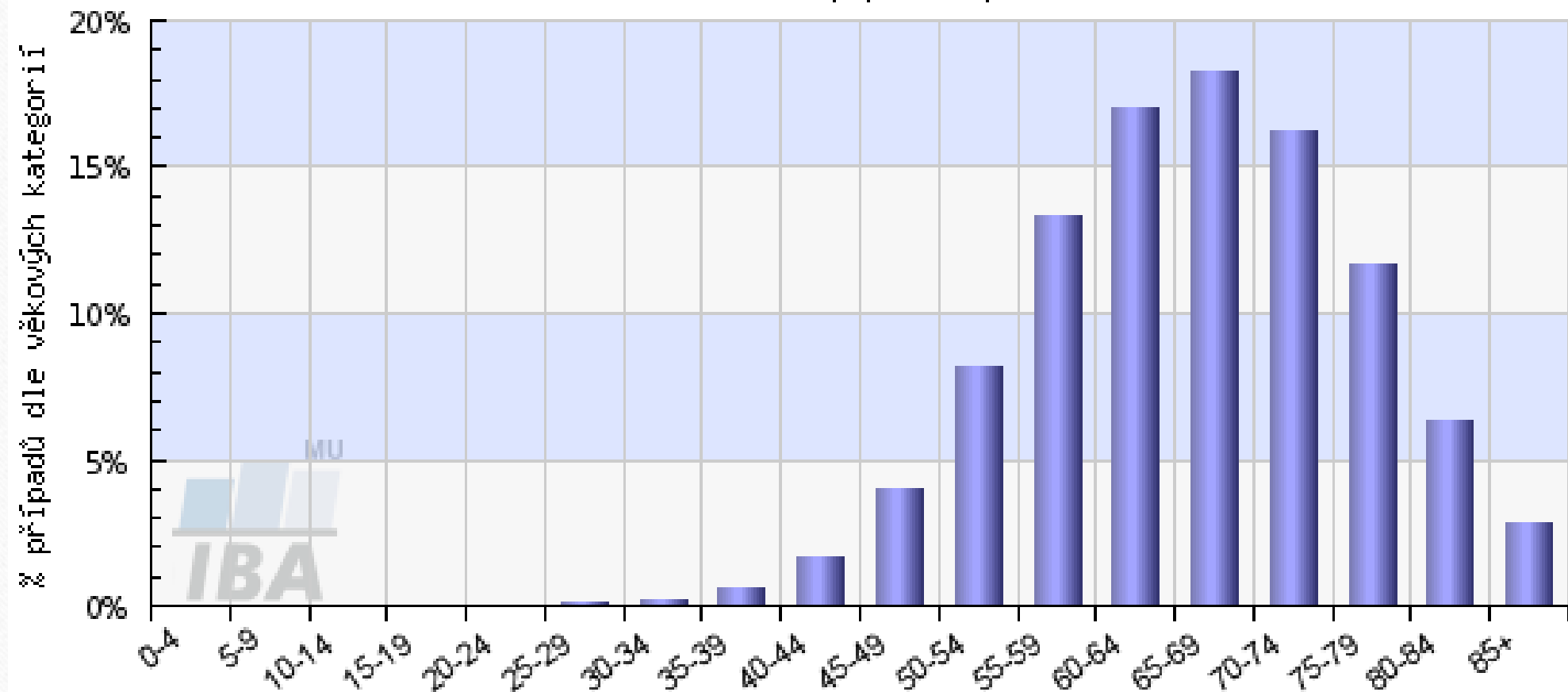
Occurrence of lung cancer

Lung cancer is the fourth most frequent neoplastic disease!



C33,C34 - ZN průdušnice, průdušky a plíce - Incidence

věková struktura populace pacientů



Risk factors and symptoms

Risk factors

- Smoking
 - Active smoking = smoke is inhaled by the person who IS SMOKING.
 - Passive smoking = smoke is inhaled by a person who IS NOT SMOKING.
- Low-quality environment
- Genetic factors

Symptoms

- There are usually no symptoms in the initial stage.
- Symptoms of late cancer stage
 - Cough – the most frequent sign of lung cancer
 - Blood coughing
 - Pain in the chest
 - Hoarseness, difficult swallowing
 - Loss of appetite, weight loss, temperature, fatigue

Prevention of lung cancer

- **Non-smoking** – the most important preventive measure
- Avoiding passive smoking
- Preventive programmes in school

References

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Figures:

- (1): Respiratory system. *Volny-cas-uceni-cz* [online]. c2015 [cit. 2018-06-12]. Retrieved from: <https://volny-cas-uceni-cz.webnode.cz/prirodoveda/a5-rocnik/clovek/soustavy/dychaci-soustava/>
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