

# Oncological disease of the lungs

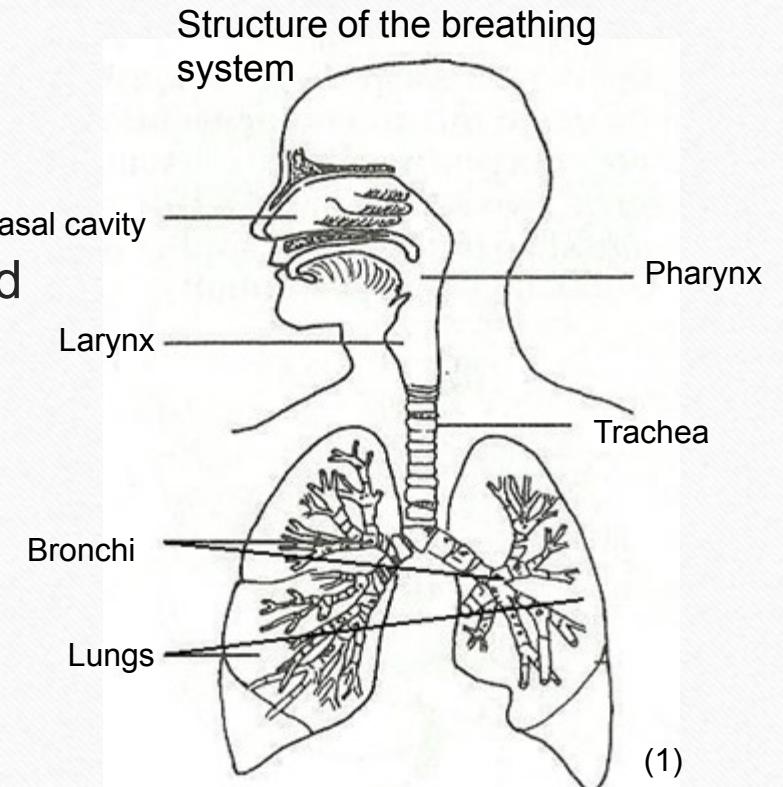
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Teaching lesson 8

Written by: Zdeňka Smejkalová, Jitka Slaná Reissmannová

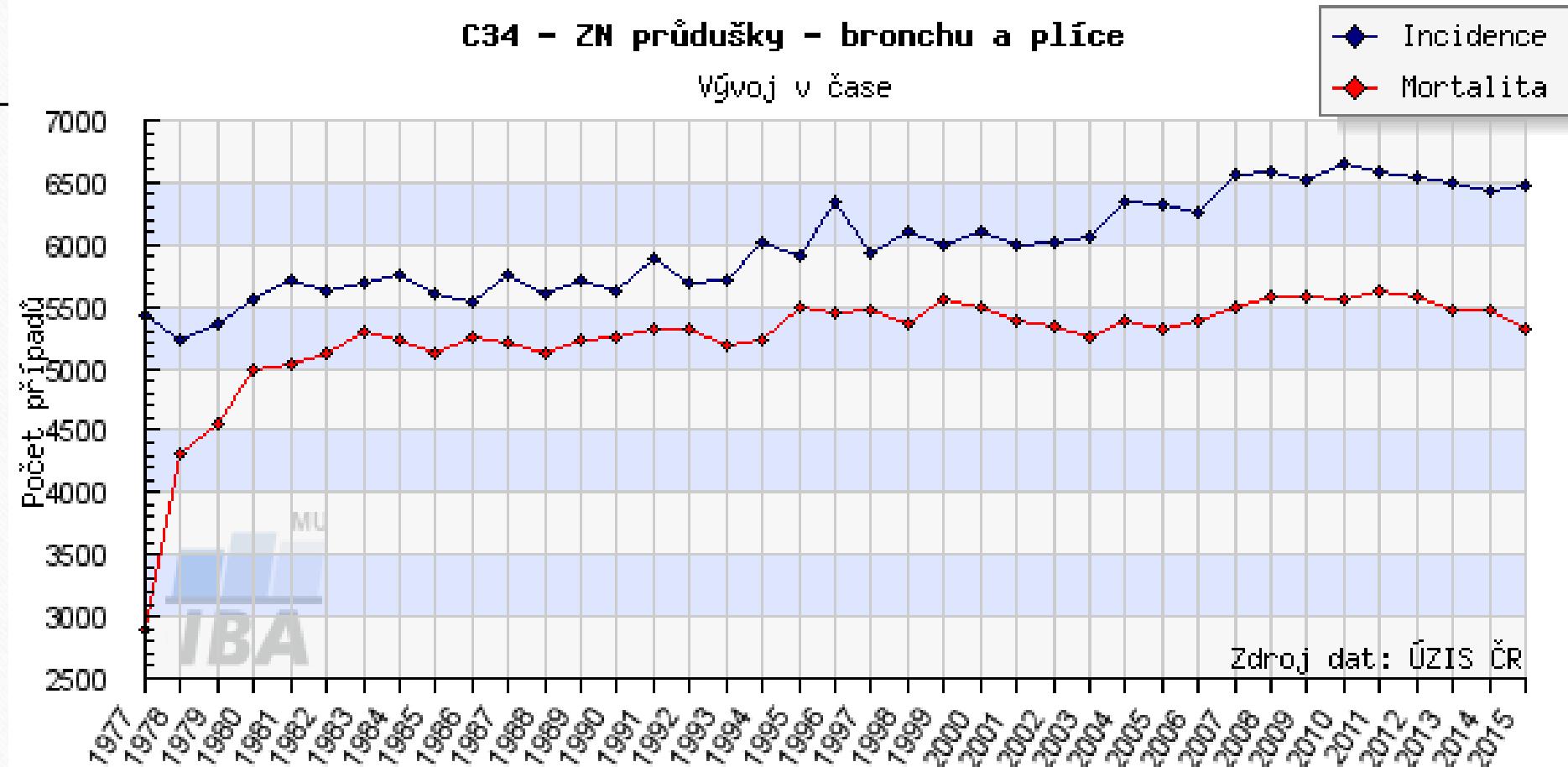
# Oncological disease of the lungs

- 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.



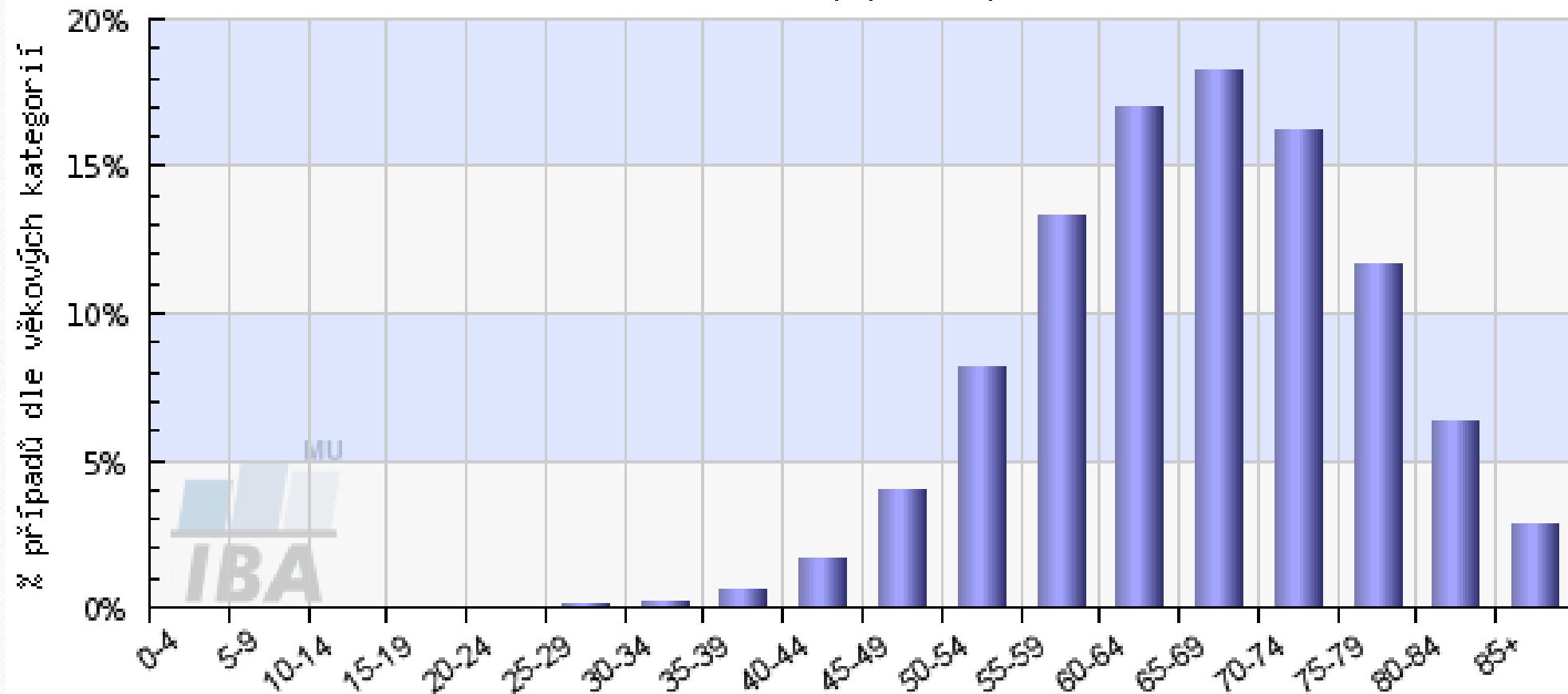
# Occurrence of lung cancer

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

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## 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

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

# References

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## Figures:

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