

# Eradication of disease

Infection eradication is **a state of global eradication of a pathogenic agent** with subsequent worldwide disappearance of the relevant infectious disease.

## Eradication conditions

- exclusively human disease,
- must not have a reservoir in nature,
- there must be effective vaccination against this disease.

## Examples of worldwide eradicated infectious diseases

- so far the only infectious disease that has been eradicated is **smallpox** (26.10.**1979**),
- **poliomyelitis**, was almost eradicated, but due to political instability in the Middle East, the infection has re-spread, especially in Syria.

## Links

## Related articles

- Disease Elimination

## References

- BENCKO, Vladimír. *Epidemiologie, výukové texty pro studenty 1. LFUK, Praha*. 2. edition. Praha : Univerzita Karlova v Praze – Nakladatelství Karolinum, 2002. ISBN 80-246-0383-7.