

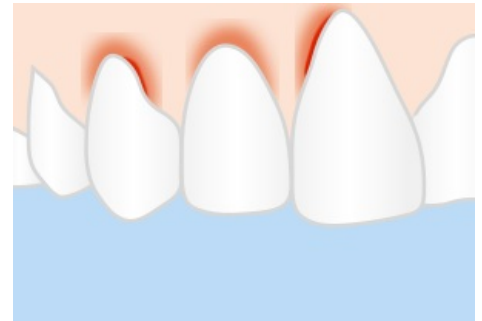
# Focal Infection in Dentistry

## Focal Infection Definition

- Any infection focused, localized somewhere in the body which is a potential threat for spreading to other areas such as downwards towards the mediastinum or upwards into the brain.

## Focal Infection

- Necrotic pulp
- Gangrenous pulp
- Periapical lesion, granuloma or cyst
- Chronic marginal gingivitis
- Chronic marginal periodontitis
- Paranasal sinuses inflammation



Gingivitis

## Infectious Agents

- Bacteria
- Toxins (of bacteria)
- Immunocomplexes

## Risk Groups

- Immunosuppressed patients
  - organ transplantation
  - HIV
  - Cancer
- Prosthetic heart valves
- Hip replacement
- Heart surgery

## Treatment Options

- The major factor that determines our treatment is the time that the patient comes
1. If the patient comes two to three weeks before surgery → EXTRACTION
  2. If we have adequate time we treat the patient (e.g. endodontic treatment)

## Links

## Related Articles

## Bibliography

- OTT, Daniel. *Endo* [lecture for subject Endodontics, specialization Restorative Dentistry, LF1 Charles university]. Prague. May 2012.