

# The Biological Factor of the Tooth

**Biological tooth factor** is a sign of tooth quality.

## Criteria for evaluating the biological factor of the tooth

### 1. Clinical component

- Condition of the suspension apparatus of the tooth,
- mutual relationship of teeth and spaces,
- own tooth position,
- way of articulation,
- tooth vitality,
- size and shape of the crown of the tooth.

### 2. X-ray component

- Degree of resorption alveolar process,
- quality endodontic treatment,
- the presence of periapical changes,
- the length of the roots, their shape and strength.

## Division of teeth according to biological factor - according to Voldřich

- **I. class:** canines, first and second molars
- **II.class:** upper central incisors, all premolars, third molars
- **III.class:** upper lateral incisors, all lower incisors, all teeth with a bad biological factor

## Division of teeth according to meaning within dentition

- **Teeth with a positive meaning**
  - **Absolutely necessary:** They have the highest biological value, serve as class I pillars, have the longest prognosis.
  - **Relatively Necessary:** Serves as pillars II. and III. classes.
- **Teeth with a negative meaning**
  - **Absolutely negative:** They worsen the biological factor of the dentition as a whole.
  - **Relatively negative:** Their presence threatens other teeth or causes traumatic articulation.

## Links

### Related Articles

- Tooth Pillars

### References

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- ANDRIK, Pavel. *Dental prosthetics : Textbook for medical faculties.* - edition. Osveta, 1983. 224 pp.