
1. A patient went to the dentist with complaints of toothache on the upper jaw, which had irradiation in the ear and lasted for 2 days. On objective examination, probing is painful at the bottom of the carious cavity, EOD 30 μA. Acute diffuse pulpitis was diagnosed. What other pains happen at such diagnosis.

- Spontaneous, paroxysmal with irradiation
  - Pain from chemical irritants;
  - Pain with changes in atmospheric pressure;
  - Aching constant pain

Solution algorithm:

1. Pay attention to complaints. Spontaneous, paroxysmal pain is characteristic of pulpitis.

2. Pay attention to the duration of the pathological process. Acute pulpitis develops in a few days.

3. Pay attention to the irradiation of pain. It occurs in inflammation of both the coronal and root pulp.

4. Pay attention to probing of a carious cavity. With inflammation of the coronal and root pulp, probing will be painful throughout the bottom of the carious cavity.

5. Pay attention to electroodontic diagnostics. At an inflammation of a coronal and root pulp EDI will be from 25 to 30 mka.

2. A 28-year-old patient applied to the dental office with complaints of spontaneous paroxysmal toothache in the lower jaw. On objective examination, probing is painful at the bottom of the carious cavity, EOD 30 μA. Acute diffuse pulpitis was diagnosed. What will be the reaction of the tooth to the cold stimulus in this pathology:

- There is an attack of pain for several hours with irradiation;
- There is an attack of pain up to 30 minutes;
- There is constant pain;
- The pain passes in 2 minutes
- The tooth does not respond to stimuli

Solution algorithm:

1. Pay attention to complaints. Spontaneous, paroxysmal pain with irradiation is characteristic of pulpitis;
2. Pay attention to the duration of the pathological process. Acute pulpitis develops in a few days.

3. Pay attention to the irradiation of pain. It occurs in inflammation of both the coronal and root pulp.

4. Pay attention to probing of a carious cavity. With inflammation of the coronal and root pulp, probing will be painful throughout the bottom of the carious cavity.

5. Pay attention to electroodontic diagnostics. At an inflammation of a coronal and root pulp EDI will be from 25 to 30 mka.

6. Pay attention to the thermal test, in this situation there is an attack of pain for several hours.

3. A 20-year-old girl went to the dentist with complaints of toothache on her upper jaw with irradiation to her temple. The pain lasted for 2 days. On objective examination, probing is painful at the bottom of the carious cavity, percussion is painless. EOD 25 μA. Acute diffuse pulpitis was diagnosed. What other pains happen at such diagnosis.

**At an acute general pulpitis percussion of a tooth:**
- Painless percussion;
- Painful vertical percussion;
- Painful horizontal percussion;
- Sharply painful percussion;
- Everything is correct.

Solution algorithm:

1. Pay attention to complaints. Spontaneous, paroxysmal pain with irradiation is characteristic of pulpitis;

2. Pay attention to the duration of the pathological process. Acute pulpitis develops in a few days.

3. Pay attention to the irradiation of pain. It occurs in inflammation of both the coronal and root pulp.

4. Pay attention to probing of a carious cavity. With inflammation of the coronal and root pulp, probing will be painful throughout the bottom of the carious cavity.

5. Pay attention to percussion. At pulpitis percussion is not painful.

6. Pay attention to electroodontic diagnostics. At an inflammation of a coronal and root pulp EDI will be from 25 to 30 mka.