Patient D., 37 years old, came complaining of a feeling of a "grown" 1.2 tooth and pain when biting.

Objectively: the tooth is under a ceramic metal crown. According to the patient, the endodontic treatment of the tooth 1.2 and the placement of the crown were about three years ago.

On the X-ray: the root canal is sealed by 2/3, the rarefaction of bone tissue with clear contours is 0.8 x 1.0 cm.

Questions

1. Make a diagnosis and justify it.

2. Perform a differential diagnosis.

3. What are the causes of the complication?

4. Make a treatment plan.

5. Specify conservative surgical methods for the treatment of periodontitis.