A 45-year-old patient turned to the orthopedic dentistry clinic. Complaints: lack of teeth in the lateral areas of the lower jaw and difficulty chewing.

Anamnesis of the disease: I have not consulted an orthopedic dentist for eight years.

The last tooth extraction was 4 years ago.

Objectively during the inspection:

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| П | П | О | П |   |   |   |   |   |   | П |   | П | К |   |
| **18** | **17** | **16** | **15** | **14** | **13** | **12** | **11** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** |
| **48** | **47** | **46** | **45** | **44** | **43** | **42** | **41** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** |
| О | П | К |   |   |   |   |   |   |   | К | + | + | К | П | О |

The remaining teeth on the upper and lower jaws have 1 degree of tooth mobility. The mucous membrane is pale pink in color. There is attrition of the frontal group of teeth of the lower jaw by 1/3. The height of the lower part of the face in the state of central occlusion is reduced by 3-4 mm. There are symptoms of periodontitis on the upper and lower jaw in the area of all teeth.



Questions

1. Make a diagnosis.

2. Formulate the tasks of orthopedic treatment.

3. Make an orthopedic treatment plan.

4. Make a therapeutic treatment plan to prepare the oral cavity for orthopedic treatment.

5. What static method can be used to mathematically justify the choice of the number of supporting teeth when planning a bridge prosthesis.