



## CLINICAL EVALUATION CHART

Student's name: .....year.....Group No.....date.....

Patient's chart No.....Tooth No.....Total score.....

**Attention: To gain credits, evaluation is essential at every stage of the treatment. Student does not gain credits if the Endodontic Case Evaluation Chart was not properly prepared or when each stage of the treatment was not checked.**

### I. Examination, diagnosis and case presentation

10. Correct examination, diagnosis and treatment plan, written consent to treatment signed by the patient. Accurately completed Endodontic Diagnostic Chart (also in electronic version).
7. Part of the Endodontic Diagnostic Chart incomplete or inaccurate, the treatment plan incomplete or inaccurate, lack of knowledge of the medical history of the treated tooth.
4. Endodontic Diagnostic Chart without patient's medical history, no treatment plan.
0. No patient's written consent, no clinical examination, incorrect diagnosis, unfilled Endodontic Diagnostic Chart, starting the treatment without examination of the patient or/and without permission of the faculty attending physician.

### II. Preparation for treatment

#### a. Wall reconstruction

10. Wall reconstruction before endo treatment with the contact point.
5. "Temporary" wall reconstruction before endo treatment without the contact point only for rubber dam placement.
0. student does not cope with the restoration.

#### b. Dental dam and operation site preparation

10. Proper instrument set-up, appropriate rubber dam placement, aseptic technique, cleanliness of the operation site.
5. Rubber dam inappropriately placed, inappropriate clamp selection, rubber dam leaking but correctable, violations of aseptic treatment technique.
0. Not obeyed aseptic work principles, Leaking rubber dam.

### III. Access tooth cavity and initial preparation

10. Outline reflects shape of chamber, canal(s) located, correct shape, size, location and orifice preparation.
5. Size of preparation slightly smaller or larger than ideal, improperly prepared lateral walls and floor of the chamber, incorrect orifices location.
0. Gross destruction of tooth structure, presence of caries or leaking restoration, perforation.

### IV. Working length determination, instrumentation and master cone

10. Correct WL determination self-dependently using apex locator.
5. WL determination with the supervision of faculty attending physician.
0. WL determination by the faculty attending physician.

### V. Cleaning and shaping of the canal

20. Proper instrumentation, proper size selection for IAF, MAF and proper reference point documentation. Canal correctly prepared till FF.
10. Canal not fully shaped (only till MAF) or with the supervision of faculty attending physician.
0. Broken instrument during WL determination, perforation, repeating of the canal shaping required.

### VI. Master cone selection, canal obturation

30. Proper size selection for master cone, dense, homogenous obturation, correct length of filling.
15. Proper size selection for master cone, nonhomogenous obturation, moderate voids, overfill or underfill (below 2mm).
10. Incorrect size selection for master cone, nonhomogenous obturation, gross overfill of GP and sealer into periapical tissues or underfill (above 2mm).
0. Case requires retreatment.

### VII. Treatment ending

5. Proper final restoration, appropriate management of appointment time.
0. Inappropriate time of treatment beyond clinic session, student allows the patient to leave against medical advice, no referral or appointment for the patient.

### VIII. X-ray analysis

10. Correctly performed and assessed x-ray, saving of an x-ray image in the computer system, student applies radiation protection standards concerning patients and medical staff, cleanliness of the workstand.
5. Correctly performed x-ray, incorrect or no x-ray assessment, x-ray image not saved, untidy RVG workstand after taking an x-ray.
0. No control x-ray after the treatment or x-ray repeated incorrectly many times, violence on the radiation protection standards.

**ATTENTION!!! Student is allowed to take only one x-ray. In case of repeating it, student has responsibility to inform faculty attending physician.**

### IX. Student can gain additional credits (decision of the faculty attending physician):

- a. tooth restoration after root canal treatment – **0-10 pkt**
- b. work with microscope **-0-10 pkt**
- c. internal bleaching procedure (whole procedure) **-0- 10 pkt**
- d. unassisted nerve block anaesthesia - **0-10 pkt**