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| "Approved"  Head of the Department of pediatric oral and maxillofacial surgery and pedodontics  „Ion Lupan”, 24 january 2020  PhD, DMS, Associate professor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Railean Silvia | "Approved"  at the chair meeting of Department of pediatric oral and maxillofacial surgery and pedodontics  „Ion Lupan”  Minutes No.\_\_\_of\_\_\_\_\_ |

Methodical elaboration no. 8

for 4th year students in **Pedodontics**

1. Topic: Noncarious diseases of hard dental tissues (dental dystrophies). Classification. Amelogenesis and dentinogenesis imperfecta, syndrome Steinton-Cap-de-Pont. Teeth development defects: number, shape, size, structure of hard tissues in children. The clinical picture. Treatment.
2. The aim: To lean the clinic, diagnosis and treatment of amelogenesis imperfecta, dentinogenesis imperfecta, syndrome Steinton-Cap-de-Pont, teeth developmental defects in children.
3. The practical lesson plan:

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| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization of the theme and plan of the practical lesson |  | Methodical elaboration | 2 min |
| 3. | Interrogating students, solving situational problems, tests | Interrogating students, solving situational problems. | Situational problems, tests, radiograms, etc. | 60 min |
| 4. | Examination and treatment of patients | Equipment, tools, materials, etc. | Tables, schemes,etc. | 185 min |
| 5. | Clinical debates, completing of documentation | Form of documentation 030, 039 | Final assessment of students practical skills | 20 min |
| 6. | Topic for the next lesson |  | The thematic plan | 1 min |

**Knowledge assessment:**

1. Classification of dental dystrophies.
2. Classification of amelogenesis imperfecta.
3. Describe the clinical picture of amelogenesis imperfecta.
4. Describe the clinical picture of dentinogenesis imperfecta.
5. Expose the clinical manifestations of syndrome Steinton-Cap-de-Pont.
6. Characterize the number abnormalities in the temporary dentition.
7. Characterize the number dental anomalies in permanent dentition.
8. Describe the anomalies of the shape of the temporary and permanent teeth. Amorphisms.
9. Describe the volume anomalies of the teeth.
10. What are the clinical manifestations of the tooth structure developmental defects?
11. Treatment of tooth development disorders in children.

**References**

1. Lectures
2. Andlaw R.J., W.P.Rock A manual of paedodontics 1993.
3. Arathi Rao. Principles and Practice of Pedodontics. Rao Publisher, Motilal (UK) Books of India, 2006.
4. Cawson R.A. Essentials of oral pathology and oral medicine,1995.
5. Godoroja P., Spinei A., Spinei I. Paediatric dentistry. Chisinau. 2005
6. Damle, S. G. Textbook of Pediatric Dentistry. New Delhi: Arya (MEDI) Publishing House, 2002.
7. Kidd, E. A. M. and Joyston-Bechal, S. Essentials of dental caries. (2nd edn.) Oxford University Press, Oxford. 1996.
8. Nikhil Marwah. Textbook of Pediatric Dentistry. Third Edition. Jaypee Brothers Medical Publishers (P) Ltd., 2014.
9. Richard Welbury, Monty Duggal. Pediatric Dentistry. (3 rd edn.) 2005.
10. Rugg-Gunn, A. J., Nunn, J. H. Nutrition, diet and dental health. Oxford University Press, Oxford. 1999.
11. Shobha Tandon. Textbook of Pedodontics. Paras Medical Publisher, 2009.
12. Soames, J. V. and Southam, J. C. Oral pathology (3rd edn). Oxford University Press, Oxford. 1998.