**„NICOLAE TESTEMIŢANU”**

**PI STATE UNIVERSITY OF MEDICINE AND PHARMACY**

**OF REPUBLIC OF MOLDOVA**

**faculty of Stomatology**

**DEPARTMENT OF PEDIATRIC ORAL AND MAXILLOFACIAL SURGERY AND PEDODONTICS „ION LUPAN”**

**Teaching guide**

DISCIPLINE

**prevenTION OF ORAL DISEASES**

**3rd year, 5th semester**

Chişinău, 2022

THEMATICAL PLAN OF PRACTICAL LESSONS

(total - 34 ore)

|  |  |
| --- | --- |
| 1. | Knowledge with the Preventive Dentistry Department: organization, working regime, equipment and tools. |
| 2. | Preventive concept in dentistry. Primary, secondary and tertiary prevention. |
| 3. | Basic methods of dental examination of children. Dental deposits. Classification. |
| 4. | Bacterial plaque: formation, composition, structure and metabolism. |
| 5. | Modern visions of dental biofilm conception. **Totalization.** |
| 6. | Dental plaque disclosing agents. |
| 7. | Indices of bacterial plaque and oral hygiene (Green Vermillion, OHI-S, Silness-Loe, Quingley and Hein). |
| 8. | Indices of bacterial plaque and oral hygiene(retention index of the bacterial plaque (Loe); the approximate plaque index - API (Lange-1981). Assessment of oral hygiene. |
| 9. | The main oral hygiene objects. Types of toothbrushes. |
| 10. | Secondary oral hygiene objects |
| 11. | Classification, composition and properties of toothpastes. |
| 12. | Secondary oral hygiene remedies.**Totalization.** |
| 13. | Methods of dental deposits control. Methods of individual oral hygiene. The practical acquisition of dental brushing and training methods. |
| 14. | Removal of bacterial plaque from dental areas. Methods of individual dental brushing control. |
| 15. | Professional hygiene of the oral cavity. |
| 16. | Scaling techniques. |
| 17. | Sanitary education and hygienic training of the population.**Totalization.** |

**Methodical elaboration No. 1**

**Theme:** Knowledge with the Preventive Dentistry Department: organization, working regime, equipment and tools.

**Work place:** Clinical locations of the department.

**Purpose:**To learn the working regime and sanitary norms of organization and equipment of pediatric dental office.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with theme and plan of the practical lesson |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Multimedia projector | Tables, boards, schemes,etc. | 40 min |
| **Lucrare practică (45 min)** | | | | |
| 4. | Knowledge with thedepartment and dental profilactic office. | Equipment*,* instruments, filling materials. | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 2 | 1. min |

Control questions:

1. Sanitary norms for organization of prevention in dental office.
2. Basic dental office equipment.
3. Instruments that are used in pediatric practice.
4. Materials and remedies to prevent oral diseases, medicamentous solution that are used in pediatric dental office.
5. Medical Forms of pacient’s records, registry, et al.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

**Additional:**

1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
2. Bârlean l., Dănilă I., Podariu A., Săveanu C. Ghid de practică în prevenția oro-dentară. București, 2013, 101 p.
3. Spinei A. Caria dentară la copiii cu dizabilităţi. Chişinău: Tipografia „Print-Caro”, 2016. 275 p. ISBN 978-9975-56-308-7.
4. Koch G., Poulsen S., Espelid I., Haubek D. Pediatric Dentistry. A Clinical Approach. Third edition. Chichester, West Sussex, UK ; Ames, Iowa : John Wiley & Sons Inc., 2017. 390 p.|
5. Персин Л.,Елизарова В., Дьякова С. Стоматология детского возраста. Изд. 5-е, перераб. и доп. М.: ОАО «Издательство «Медицина», 2006. 640 с: ISBN 5-225-04354-2.

**Methodical elaboration No. 2**

***Theme:*** Preventive concept in dentistry. Primary, secondary and tertiary prevention.

***Work place:*** Clinical locations of the department**.**

***Purpose:*** To learn the preventic conception in dentistry and primary, secondary and tertiary prevention.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 3 | 5 min |

Control questions:

1. The main objective of preventive dentistry.
2. Primary prevention.
3. The strategy of primary prophylaxis of dental caries and periodontal diseases.
4. Primary prophylaxis of cancer in oral and maxillofacial area.
5. Secondary prevention.
6. Tertiary prevention.
7. Levels of implementing prophylactic measures.
8. The organizational forms of oral cavity sanation.
9. The methods of organizing oral cavity sanation.
10. The organizational principle of oral cavity sanation.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

**Additional:**

1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
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5. Персин Л.,Елизарова В., Дьякова С. Стоматология детского возраста. Изд. 5-е, перераб. и доп. М.: ОАО «Издательство «Медицина», 2006. 640 с: ISBN 5-225-04354-2.

**Methodical elaboration No. 3**

***Theme:*** Basic methods of dental examination of children.

***Work place:*** Clinical locations of the department

***Purpose:*** To know the basics methods of clinical examination in children.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Multimedia projector | Tables, boards, schemes,et al. | 40 min |
| **Lucrare practică (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 4 | 1. min |

Control questions:

1. The aim of clinical examination of oral and maxillofacial area in children.
2. Inspection of organs and tissues of the oral cavity.
3. System of dental annotation by WHO.
4. The Zigmondy system of dental annotation.
5. The french system of dental annotation.
6. The european (aritmetic) system of dental annotation.
7. The german system of dental annotation.
8. General particularities of temporary teeth
9. Morphological particularities of temporary teeth
10. Structural particularities of temporary teeth
11. *Zuckerkandl’s and Carabelli’s tubercle localization.*
12. The neonatal line Schoor.
13. Morphofunctional particularities of permanent teeth during their formation.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

**Additional:**

1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
2. Bârlean l., Dănilă I., Podariu A., Săveanu C. Ghid de practică în prevenția oro-dentară. București, 2013, 101 p.
3. Spinei A. Caria dentară la copiii cu dizabilităţi. Chişinău: Tipografia „Print-Caro”, 2016. 275 p. ISBN 978-9975-56-308-7.
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**Methodical elaboration No. 4**

***Theme:*** Dental deposits. Classification. Bacterial plaque: formation, composition, structure and metabolism.

***Work place:*** Clinical locations of the department.

***Purpose:*** To learn the classification of dental deposits, formation, composition, structure and metabolism of bacterial plaque.

**The practical lesson plan:**

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| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Multimedia projector | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Concluzii și generalizări |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 5. | 5 min |

Control questions:

1. Classification of dental deposits.
2. What means bacterial plaque?
3. What means White matter?
4. The stages of denal plaque formation.
5. The stages of adhesion of microorganism to the aquired pellicle.
6. What does the initial colonization mechanism include?
7. The microorganisms of bacterial plaque.
8. Chimical composition of bacterial plaque.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

**Additional:**

1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
2. Bârlean l., Dănilă I., Podariu A., Săveanu C. Ghid de practică în prevenția oro-dentară. București, 2013, 101 p.
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**Methodical elaboration No. 5**

***Theme:*** Modern visions of dental biofilm conception. **Totalization.**

**Work place:** Clinical locations of the department

***Purpose:*** To learn about modern visions in dental biofilm conception.

**The practical lesson plan:**

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| **No** | **Stages** | | **Equipment** | | | | **Time** | |
| **Technical equipment, instruments** | | **Didactic material** | |
| **Seminar (60 min)** | | | | | | | | |
| 1. | | Attendance control | |  | | Catalog | | 2 min |
| 2. | | Familarization with seminar plan. | |  | | Methodical elaboration | | 3 min |
| 3. | | Discussion, questions | | Multimedia projector | | Tables, boards, schemes,et al. | | 30 min |
| 4. | | Totalization | |  | | Tests, clinical cases, problemes | | 25 min |
| **Practical lesson (30 min)** | | | | | | | | |
| 5. | | To perform preventiv measures of oral cavity diseases. | | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | | 20 min |
| 6. | | Conclusion and generalization. Topic for the next lesson. | |  | | Methodical elaboration No. 6. | | 1. min |

Control questions:

1. Biofilm definitions.
2. Structural peculiarities of dental biofilm.
3. Stages of dental biofilm evolution.
4. Properties of dental biofilm.
5. Peculiarities of bacterial interactions in bacterial biofilms.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

**Additional:**

1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
2. Bârlean l., Dănilă I., Podariu A., Săveanu C. Ghid de practică în prevenția oro-dentară. București, 2013, 101 p.
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**Methodical elaboration No. 6**

***Theme:*** Dental plaque disclosing agents.

***Work place:*** Clinical locations of the department

***Purpose:*** To learn revealing substances of bacterial plaque.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 7 | 5 min |

Control questions:

1. The aim of revealed substances of bacterial plaque.
2. Named the requirements for revealed substances of bacterial plaque.
3. Named the revealed substances of bacterial plaque.
4. What types of revealed substances of bacterial plaque you know?
5. The methods of using the revealed substances of bacterial plaque.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

**Additional:**

1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
2. Bârlean l., Dănilă I., Podariu A., Săveanu C. Ghid de practică în prevenția oro-dentară. București, 2013, 101 p.
3. Spinei A. Caria dentară la copiii cu dizabilităţi. Chişinău: Tipografia „Print-Caro”, 2016. 275 p. ISBN 978-9975-56-308-7.
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**Methodical elaboration No. 7**

***Theme:*** Indices of bacterial plaque and oral hygiene (Green Vermillion, OHI-S, Silness-Loe, Quingley and Hein).

***Work place:*** Clinical locations of the department

***Purpose:*** To learn the indices of bacterial plaque and oral hygiene (Green Vermillion, OHI-S, Silness-Loe, Quingley and Hein).

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 3 | 5 min |

Control questions:

1. Method of determining and evaluating of the *Green –Vermilion’s* index of oral hygiene, OHI – S.
2. Method of determining and evaluating of the *Fiodorov-Volodkin’s* index
3. Method of determining and evaluating of the *Silness – Loe’s* index.
4. Method of determining and evaluating of the *Quingley şi Hein*’s index.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

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1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
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**Methodical elaboration No. 8**

***Theme:*** Indices of bacterial plaque and oral hygiene(retention index of the bacterial plaque (Loe); the approximate plaque index - API (Lange-1981). Assessment of oral hygiene.

***Work place:*** Clinical locations of the department

***Purpose:*** To learn the indices of bacterial plaque and oral hygiene(retention index of the bacterial plaque (Loe); the approximate plaque index - API (Lange-1981) and methods of assessment of oral hygiene.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 3 | 1. min |

Control questions:

1. Method of determining and evaluating of retention of microbial plaque, Loe’s index.
2. Method of determining and evaluating of approximal plaque index API.
3. Method of determining and evaluating of effectiveness of oral hygiene PHP (Podshadley and Haley).
4. Method of determining of health status of oral hygiene.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
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**Methodical elaboration No. 9**

***Theme:*** The main oral hygiene objects. Types of toothbrushes.

***Work place:*** Clinical locations of the department

***Scopul lucrării: Purpose:*** To learn the main oral hygiene objects and types of toothbrushes.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 10 | 5 min |

Control questions:

1. Clasification of oral hygiene objects.
2. Classification of toothbrushes
3. Dimensions of children’s and adult’s toothbrushes.
4. Comparative characteristics of toothbrushes with natural and synthetic bristles.
5. Degree of stiffness of toothbrushes.
6. The basic criterias that difind the prophilaxis toothbrushis.
7. Toothbrushes for special purposes
8. Specific toothbrushes.
9. Children's toothbrushes.

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**Compulsory :**

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**Methodical elaboration No. 10**

***Theme:*** Secondary oral hygiene objects.

***Work place:*** Clinical locations of the department

***Scopul lucrării: Purpose:*** To learn thesecondary oral hygiene objects.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 11 | 5 min |

Control questions:

1. Named the secondary oral hygiene objects.

2. Dental flosses: clasification, forms, structure, method of use. Dental tapes. Flossettes.

3. Toothpicks: forms, materials and method of use.

4. Gingival stimulators: forms and methods of use.

5. Irrigators: types and methods of use.

6. Interdental brushes: forms and methods of use.

7. The tongue scraper: forms and methods of use.

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**Compulsory :**

1. Lecture materials.
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**Methodical elaboration No. 11**

***Theme:*** Classification, composition and properties of toothpastes.

***Work place:*** Clinical locations of the department

***Scopul lucrării: Purpose:*** To learn the classification, composition and properties of toothpastes.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 12 | 5 min |

Control questions:

1. Name the remedies for oral hygiene.

2. Clasification of toothpaste.

3. Requirements for toothpaste.

4. Compozition of toothpaste.

5. Detergents.

6. Cleaning and polishing agents.

7. Moisturizers.

7. Binding agents(binders).

8. Preservatives, sweeteners.Flavoring agents.

9. Coloring agents. Whitening agents.

10. Hygiene toothpastes

11. Therapeutic and prophylactic toothpastes.

12. Toothpastes that contain biologic active substance.

13. Toothpastes that contain mineral salts.

14. Toothpastes that contain enzymes.

15. Toothpastes that contain biological supplements.

16. Toothpastes that contain calcium and phosphate.

17. Fluoride toothpaste.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
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**Methodical elaboration No. 12**

***Theme:*** Secondary oral hygiene remedies.**Totalization.**

***Work place:*** Clinical locations of the department

***Purpose:*** To learnDe a însuși remediile secundare de igienă orală.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (60 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 30 min |
| 4. | Totalization |  | Tests, clinical cases, problemes | 25 min |
| **Practical lesson (30 min)** | | | | |
| 5. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 20 min |
| 6. | Conclusion and generalization. Topic for the next lesson |  | Methodical elaboration No. 13 | 10 min |

Control questions:

1. Classification of liquid secondary remedies for oral hygiene.
2. Dental elixirs. Varieties, compound, indication and method of use.
3. Oral gargles. Varieties, compound, indication and method of use.
4. Mouthwashes. Varieties, compound, indication and method of use.
5. Aerosols or deodorants. Varieties, compound, indication and method of use.
6. Balsams and infusions. Varieties, compound, indication and method of use.

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**Compulsory :**

1. Lecture materials.
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3. Godoroja P., Spinei A., Spinei I. Stomatologie terapeutică pediatrică. Chişinău, 2003.

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1. Dumitrache A., Lăzărescu F., Sfeatcu R., Stanciu D., Temelcea A. Strategii preventive adaptate grupelor de risc pentru afecţiunile orale. Ghid de profilaxie. București, 2011, 52 p.
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**Methodical elaboration No. 13**

***Tema:*** Methods of dental deposits control. Methods of individual oral hygiene. The practical acquisition of dental brushing and training methods.

***Work place:*** Clinical locations of the department

***Purpose:*** To learn methods of dental deposits control, methods of individual oral hygiene and dental brushing training.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 14 | 5 min |

Control questions:

1. Methods of oral hygiene.
2. The objectives of toothbrushing.
3. Requirements for toothbrushing.
4. *Bass* Technique of toothbrushing.
5. *Stillman* technique of toothbrushing.
6. *Charters* technique of toothbrushing.
7. *Fones* technique of toothbrushing.
8. Standardă technique of toothbrushing.
9. *Leonard* technique of toothbrushing.
10. *Reite* technique of toothbrushing.
11. *Rolling method* of toothbrushing.

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
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**Methodical elaboration No. 14**

***Theme:*** Methods of dental deposits control. Removal of bacterial plaque from dental areas. Methods of individual dental brushing control.

***Work place:*** Clinical locations of the department

***Purpose:*** To learn the methods of dental deposits control and removal of bacterial plaque from dental areas and methods of individual dental brushing control.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 15 | 5 min |

Control questions:

1. What does dental biofilm control suppose?
2. What methods of dental biofilm control you know?
3. What are the chemical methods of dental biofilm control?
4. Name the mechanical methods of dental biofilm control.
5. The role of interdental hygiene in prevention of dental caries and periodontal diseases.
6. Removing dental plaque from dental spaces.
7. Selection of secondary objectives for interdental space cleaning.
8. Selection of secondary remedies for interdental space cleaning.
9. Methods of checking the effectiveness of oral hygiene.

**Bibliography**

**Compulsory :**

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**Methodical elaboration No. 15**

***Theme:*** Professional hygiene of the oral cavity.

***Work place:*** Clinical locations of the department

***Purpose:*** To learn professional hygiene of the oral cavity.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 16 | 5 min |

Control questions:

1. What does the professional hygiene of oral cavity reprezent?
2. Name the stages of professional hygien of oral cavity.
3. What instrument are used in professional hygien of oral cavity?
4. What materials are used in professional hygien of oral cavity.
5. What does the determination of dental and hygiene status and risk factors suppose?

**Bibliography**

**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
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**Methodical elaboration No. 16**

***Tema:*** Scaling techniques.

***Work place:*** Clinical locations of the department

***Purpose:*** To learn the scaling tehniques.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (45 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 40 min |
| **Practical lesson (45 min)** | | | | |
| 4. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 30 min |
| 5. | Conclusion and generalization |  |  | 10 min |
| 6. | Topic for the next lesson |  | Methodical elaboration No. 17 | 5 min |

Control questions:

1. The notion of dental scaling. Indications.
2. Manual scaling. Instruments and realization technique.
3. Mecanical scaling.Instruments. Indications and contraindications.
4. Name the advantages and disadvantages of mechanical scaling.
5. Ultrasonic scaling technique.
6. Describe the polishing technique of teeth surfaces and their fluoridation after scaling.
7. Chimical methods of tart remove. Drugs, disadvantages.

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**Compulsory :**

1. Lecture materials.
2. Lupan I., Stepco E., Şevcenco N. Prevenția afectiunilor stomatologice. Compendiu. Ch.: CEP Medicina (Tipografia AŞM), 2014. 212 p. ISBN 978-9975-118-71-2.
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**Methodical elaboration No. 17**

***Theme:*** Sanitary education and hygienic training of the population.**Totalization.**

***Work place:*** Clinical locations of the department

***Purpose:*** To learn the forms and methods of sanitary education and hygienic training of the population.

**The practical lesson plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Stages** | **Equipment** | | **Time** |
| **Technical equipment, instruments** | **Didactic material** |
| **Seminar (60 min)** | | | | |
| 1. | Attendance control |  | Catalog | 2 min |
| 2. | Familiarization with seminar plan. |  | Methodical elaboration | 3 min |
| 3. | Discussion, questions | Proiector multimedia | Tables, boards, schemes,et al. | 30 min |
| 4. | Totalization |  | Tests, clinical cases, problems | 25 min |
| **Practical lesson (30 min)** | | | | |
| 5. | To perform preventiv measures of oral cavity diseases. | Equipment, instruments, instrumente, aids and remedies for oral health, instrument for profesional brushing, remedies for prevent of oral diseases (gels, fluoridated varnishes et al.). | Form of documentation:  patient’s medical history (f.043)  Doctor`s recording diary (f.037/u) | 20 min |
| 6. | Conclusion and generalization |  |  | 10 min |

Control questions:

1. Name the forms of sanitary education.

2. Name the methods of sanitary education.

3. Efficiency of sanitary education methods in children at diferent ages.

4. Sanitary education in organized children’s collectivites.

5.Name the stages of preparation and the method of hygiene program in schools and kindergartens.

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