

CLINICAL AND RADIOLOGICAL CHARACTERISTICS OF PERIODONTIC INTERWEAVES IN PATIENTS WITH CHEW RECESSIONAL

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Abstract

Currently, individual of the principal justifications for the patient's treatment of behaviour towards to the dentist are periodontic diseases, videlicet gingival recessional [2, 9]. The originators of severals disseminations communication a imagination to aggrandizement the ubiquitousness of parodont afflictions and this pathology, which scopes from 23 to 99,3 % [4, 5, 7, 8, 13]. The ubiquitousness and concentration of this affliction are as the crow flies proportionate to the generation of patients and reach 99. 7% in the pornographic inhabitant [5]. This affliction is an imperative examination and collective disputed point today, on account of gingival recessional furnishes to the emergence of operational anthropoid disorders. moreover, in the non-appearance of treatment of behaviour towards and the succession of the disease, the exploitation of the affliction buoy cutting edge to the deprivation of the bone as an organ. The accrued aesthetical qualifications of the patients constitute this disputed point all the more bounteous imperative at the contemporaneous time, on account of the chew recessional is individual of the afflictions that negatively influence the philosophies of the face, and as a result the intellectual sovereign state of a individual [9]. The principal grievances of patients search alveolar consternation are hypersensitivity of the sets and "elongation" of the coronets of the sets [12]. aetiological constituents of gingival recessional are dual-laned into contributing and causal. The implicit constituents consist of distressing (tooth brushing, piercing, orthodontic treatment of behaviour towards distressing occlusion, restorations), bacterial (marginal and periapical lesions), viral (herpes simplex virus, etc.), composed (trauma and infection) [12]. Predisposing constituents consist of anorexic chew biotype, inadequate proportion of committed gum, idiosyncrasies of anatomical and structural constitution of periodontic interweaves (degeneration and fenestration, well-defined vestibular situation of the root), etc. [3, 6, 10, 11]. Today, the disputed point is that severals patients, and bounteous recurrently dentists themselves, do not focus their consideration on the ahead of time demonstrations

of this pathology, when it is accomplishable to altogether annihilate the recessional and make restitution the publication of keratinized gums [1, 14]. in consequence ahead of time designation of gingival recessional is extraordinarily important.

Purpose

steadfastness of clinical and radiological characteristics of periodontic interweaves in patients with chew recessional (ICD-10 to 06).

Materials and Methods of Research

The interrogation of patients who practical to the division of therapeutical Dentistry with the progression of IDPO BSMU and the alveolar clinic "Dina Medservice" of Ufa in the amplitude from 2018 to 2019 was carried out. A totality of 47 patients superannuated 20 to 45 second childhood (36 women (76. 6%) and 11 men (23. 4%)) with a designation of chew recessional participated in the study. each the patients who practical were precondition a all-inclusive characteristic alveolar interrogation on the authority of a particularly highly-developed algorithm: solicitation of anamnestic data, a characteristic questionnaire, clinical, ultraviolet rays and ultrasound interrogation of periodontic tissues. each patients were by oneself diagnosed with "gum recession", taking into consideration themselves to be somatically in good health not underneath chemist's shop supervision, without an hypersensitised history, who autographed an knowledgeable acquiesce to deportment the study. excommunication criteria: patients junior than 20 and elder than 45 second childhood with bodily pathology in the decompensation stage, pregnancy, breast-feeding, hypersensitised history, deprivation of autographed knowledgeable acquiesce for interrogation and treatment. During the take the measure of the patient's complaints, recollection of get-up-and-go and exploitation of the contemporaneous affliction were constitute out. The recollection of get-up-and-go included collections on the patient's age, profession, the formal propinquity of occupational hazards, preceding alveolar treatment of behaviour towards the formal propinquity of deficient conventions (biting the writing instrument lips, smoking, enervating piercings, etc. characteristic questionnaires were developed, including comprehensive collections on the deportment of individual unwritten hygiene of the patient, procedure and the numerousness of their execution. The psychoanalysis of the narration of the affliction of each long-suffering make-believe it accomplishable to contemplate the kinetics of the exploitation of chew recession, to evaluate at what characteristic he trustworthy to quest after alveolar care, if the undergrounds of treatment of behaviour towards of this pathology had been euphemistic pre-owned before, the justifications for the ineffectualness of the antecedently conducted treatment of behaviour towards of this pathology, extremely as to indicate accomplishable aetiological occasions of this disease. The alveolar interrogation included the culmination of an characteristic odontoparodontological anamnesis of the patient, the designation of carious and non-carious lesions of the burdensome interweaves of the teeth, classification of the sovereign

state of the maxillary system, anomalies of the frenules of the lips and tongue, sidelong cords, the profoundness of the possibility of the unwritten cavity, manductioning muscles, etc.

In progression to influence the commensurate of unwritten hygiene and the original periodontological prominence of patients, the simplified hygienical table of contents OHI-S (J. Green, J. Vermillion, 1964), the heterogeneous periodontic table of contents KPI (P. Leus, 1988), the table of contents of haemorrhage interdental papillae (PBI - papilla haemorrhage table of contents Saxer, Mühlemann, 1975). The mobility of sets was mean business by the customarily conventional compartmentalisation of diseased mobility of sets on the authority of D. Entin (1954). The classification and organization of gingival recession were mean business according to Miller's compartmentalisation (D. Miller, 1985), the breadth of the committed chew — on the fundamental alliance of the bone from the gingival perimeter to the mucogingival border, disadvantageous the profoundness of the dentoalveolar furrow. To influence the profoundness of the recession, the indifference from the cement-enamel delimitation to the borderline of the complimentary chew was measured, the breadth was the indifference between the lateral and central borders at the commensurate of the cement—enamel delimitation [14]. The metrical parameters of the chew were mean business victimisation a progressive periodontological investigate Farbcodiert (HLW, Germany) with splitting up of 1 mm. each collections were canned in a particularly intentional incorporate to the examination accomplishment of the stomatological long-suffering .

The consideration of the off-white interweave was assessed by cone-beam cat victimisation a Vatech tomograph (Yu. collections on the formal propinquity of dissymmetry of the remains of the apertures and temporomandibular joint, devastation of the off-white interweave of the jaws, off-white atrophy, straightforwardness of the cortical vestibular plateful in the gingival economic downturn [14, 15] were fixed. The wideness of keratinized compressible interweaves and the chew biotype were mean business victimisation a noninvasive disposition highly-developed by us on a Logiq S8 ultrasound organization (USA). When registering a chew wideness of few than 1.0 mm, the biotype was advised thin, at 1 mm or bounteous — duncical [12]. Statistical processing of the obtained collections was carried elsewhere on an IBM PC/AT classification microcomputer victimisation the Statistica 7.0 diligence software and be superior to 2007 spreadsheets. supported on the expenditure of the Student's t-test and the measure of unsusceptibility n , on the authority of the apportionment tabularise t , the distinct possibility of differentiation p was found. The collections for which the distinct possibility of misapprehension (p) was few than 0.05 ($p < 0.05$) were advised reliable.

Results and their discussion

The consequences and their give-and-take supported on the compounding of clinical and radiological data, the designation of "gum recession" was habitual in each patients. on the authority of moth 's compartmentalisation , the undermentioned consequences were obtained: in 31% of patients, chew recession of organization I, in 11 patients — II, in 5 — III and in 1 — IV. The principal generalization for the treatment of behaviour towards of patients with a organization I recession to the dentist was the formal propinquity of hypersensitivity of sets outstanding to unclothed roots. In patients with bounteous terrible situations of the affliction

(II, III, IV classes according to Miller) — aesthetical discontentment outstanding to the "elongation" of teeth, the formal propinquity of "black triangles" (grades III, IV on the authority of Miller) and the occurrence of haemorrhage during brushing (38% of patients). During clinical examination, hypersensitivity in the gingival recession was mean business in 81% of cases, the formal propinquity of congestion - in 42. The undermentioned consequences of assessing the hygienical consideration of the mouth were obtained: with passable hygiene (OHI-S < 2. 6), the profoundness of chew recessional was 1-1. 5 mm, the RD table of contents according to Stahl, financier - no than 3. 7, IR - 0. with down-and-out (OHI—S >2. 6), the profoundness of recessional was more 1. 5 mm, the recessional table of contents according to Stahl, financier — capable 6. 77, IR — 0. These collections are much the same with the responses conventional during the take the measure of virtually patients euphemistic pre-owned a instruction toothbrush, and any did not appropriate sufficiency continuance to brushing their teeth, patch others, on the contrary, make-believe unreasonable exertions during down home unwritten hygiene, and floss and toothpicks were recurrently euphemistic pre-owned as supplementary hygiene products. virtually of the patients chalk up never been consulted on down home unwritten care, euphemistic pre-owned the counterfactual procedure of brushing their sets with the rectification of level movements.

The ubiquitousness of decentralized gingival recessional (within deuce-ace teeth) was mean business in 22 patients, general — in 25 . With a decentralized configuration of recession, the injury in the environment of 1 bone was 59%, in the environment of 3 sets — 18%. In general recession, the ubiquitousness in the environment of few than 6 sets was 28%, bounteous than 6 sets - 72%, the uttermost character of sets with gingival recessional in patients in the environment of individual articulator was 12 teeth. A totality of 198 sets with chew recessional were identified. It was constitute that in patients with abradant insufficiencies of the cervical territory of the teeth, a general gingival attribute was mean business in 73. 4% of containers. compartmentalisation of the occurrence of chew recessional according to Miller's compartmentalisation (1985) in patients with. The oftenness of gingival recessional according to Miller's compartmentalisation (1985) in Patients. ubiquitousness of gingival recessional in patients. The ubiquitousness of gingival recessional in patients. The oftenness of occurrence of the chew biotype in patients. The oftenness of gum biotype in patients predicaments of dentistry thoroughgoing predicaments in dentistry (Russia) 85 85recessions, and 93. 4% of gingival economic downturn were categorized as organization I according to Miller. By localization, gingival recessional in the maxillary was ascertained in 16 (34%) patients, the mark down individual in 31 (66%). In 5 patients, the diseased cognitive semantics interested both the more elevated and mark down jaws. The formal propinquity of orthopedical crowns, flower restitutions in the environment of gingival economic downturn was revealed in 7 patients, which conforms to 14. 8% of the totality character of examined patients with chew recession. During clinical and radiological examination, 14 patients were diagnosed with "gum recession" intricate by consequent instigative pathology of periodontic tissues, the designation of "chronic general catarrhal gingivitis" — in 6 (42. 8%), long-standing general disease from clement to terrible rigourousness — in 8 (57. Gingival haemorrhage subsequently searching was perceived in 100% of patients with consequent instigative pathology, congestion in the environment of gingival recessional - in 42. 5%, periodontic receptacles (depth of searching - bounteous than

3 mm) and indications of deprivation of dimension of the interalveolar off-white septa during X-ray interrogation — in 57%. Of the totality character of patients, a anorexic biotype was mean business in 30 patients, a duncical individual in 17 .

In patients with a anorexic biotype, chew recessional occurred in each congregations of teeth, the chew wideness in the environment of recessional was 0.61 ± 0.19 mm, the chew wideness in patients with a duncical biotype was 1.2 ± 0.17 mm. A compounding of a anorexic biotype with a inconsequential antechamber of the mouth, the formal propinquity of an abnormality of the frenules and strands of the mucosa was revealed in 17 (23.4%) patients with gingival economic downturn a compounding of a anorexic chew biotype with the formal propinquity of orthopedical structures, flower restitutions and abrasions in the cervical territory of the sets - in 10 (21. A compounding of a duncical chew biotype with a superficial mouth, the formal propinquity of an abnormality of the frenules and mucosal trousers was constitute in 3 (17.6%) patients, a compounding of a duncical chew biotype with the formal propinquity of orthopedical structures, disintegration and flower restitutions in the environment of gingival economic downturn - in 9 (53%).

Conclusions

During a clinical interrogation of patients with chew recession, the dependence of chew recessional on the superiority of unwritten hygiene was mean business by the expenditure of the OHI-S table of contents with passable hygiene ($OHI-S < 2.6$), the profoundness of chew recessional was 1-1.5 mm, with $OHI-S > 2.6$ — more 1.5 mm. economic downturn of the chew of organization I according to moth chalk up the highest oftenness of occurrence (62%), organization II - 25%, organization III — 11%, organization IV - 2%. As a determination of ultraviolet rays interrogation of patients with chew recession, the consequent designation of "chronic general periodontitis" from clement to terrible rigourousness was 57. The conducted ultrasound interrogation disposition allowed noninvasively to influence the gingival biotype and chew thickness. In patients with a anorexic bio-type, the chew wideness in the environment of recessional was 0.19 mm, with a duncical individual - 1.17 mm. A anorexic chew biotype was diagnosed in 63.8% of patients, which should be appropriated into explanation when provisioning operative treatment of behaviour towards.

Literature

1. Зоиров Т., Ярашова Ш., Фуркатов Ш. Микробиологическое исследование содержимого периапикальных и краевых тканей при обострении хронического периодонтита // Дни молодых учёных. – 2022. – №. 1. – С. 234-235.
2. Sh, A. Sodikova, F. Furkatov Sh, and N. A. Kholbaeva. "Optimization of therapeutic and preventive measures for periodontal diseases of pregnant women with iron deficiency anemia." (2022).
3. Фуркатов Ш.Ф., Холбоева Н.А., Содикова Ш.А. СЕГОДНЯШНИЕ АСПЕКТЫ КОМПЛЕКСНОЙ СТОМАТОЛОГИЧЕСКОЙ ПОМОЩИ БОЛЬНЫХ С ДЕФЕКТАМИ ЧЕЛЮСТНО-ЛИЦЕВОЙ ОБЛАСТИ // Стоматологии и краниофациальных исследований. – 2022. – №. 1. – С. 149-151.

4. Rizaev J. A., Bekmuratov L. R. PREVENTION OF TISSUE RESORPTION DURING IMMEDIATE IMPLANT PLACEMENT BY USING SOCKET SHIELD TECHNIQUE //Art of Medicine. International Medical Scientific Journal. – 2022. – Т. 2. – №. 3.
5. Шомуродов К. Э., Исхакова З. Ш. ПОВЫШЕНИЕ ЭФФЕКТИВНОСТИ ЛЕЧЕНИЯ ГНОЙНО-ВОСПАЛИТЕЛЬНЫХ ЗАБОЛЕВАНИЙ ЧЕЛЮСТНО-ЛИЦЕВОЙ ОБЛАСТИ С ПРИМЕНЕНИЕМ СОВРЕМЕННЫХ ПЕРЕВЯЗОЧНЫХ СРЕДСТВ //Шляхи розвитку науки в сучасних кризових умовах: тези доп. І міжнародної науково-практичної інтернет-конференції, 28-29 травня 2020 р.–Дніпро, 2020.–Т. 2.– 611 с. – С. 564.
6. Alimdzhanchovich R. J. IMPROVEMENT OF THE TREATMENT OF FURUNCLES AND CARBUNCLES OF THE MAXILLOFAQUIRAL REGION //ResearchJet Journal of Analysis and Inventions. – 2022. – Т. 3. – №. 06. – С. 86-94.
7. Ахмедов А. А., Фуркатов Ш. Ф. ОПРЕДЕЛЕНИЕ ЭФФЕКТИВНОСТИ И БЕЗОПАСНОСТИ ПЛАНОВОЙ МЕСТНОЙ АНЕСТЕЗИИ У ПАЦИЕНТОВ С АРТЕРИАЛЬНОЙ ГИПЕРТЕНЗИЕЙ //Актуальные проблемы теоретической и клинической медицины. – 2022. – №. 1. – С. 145-147.
8. Davron B. J. Combined Application of Osteoplastic Material in the Bone Defects Treatment //Eurasian Medical Research Periodical. – 2022. – Т. 7. – С. 208-211.
9. Мирзоев, Ф. Р., Кубаев, А. С., Абдуллаев, А. С., Бузрукзода, Ж. Д., Шавкатов, П. Х., & Мардонкулов, Ш. К. (2021). КОМПЬЮТЕРНАЯ ТОМОГРАФИЯ В ДИАГНОСТИКЕ РЕАБИЛИТАЦИИ ПАЦИЕНТОВ С ДИСФУНКЦИЕЙ ВИСОЧНО-НИЖНЕЧЕЛЮСТНОГО СУСТАВА, АССОЦИИРОВАННОЙ С ПЕРЕЛОМОМ НИЖНЕЙ ЧЕЛЮСТИ В ОБЛАСТИ СУСТАВНОГО ОТРОСТКА. In *VOLGAMEDSCIENCE* (pp. 745-747).
10. Ismatov F. A., Abdullaev T. Z. METHODS OF APPLICATION OF SINGLE-STAGE DENTAL IMPLANTS FOR DIFFERENT DEGREES OF ALVEOLAR ATROPHY //Web of Scientist: International Scientific Research Journal. – 2022. – Т. 3. – №. 8. – С. 636-643.
11. Zafarovich A. T., Aslidinovich I. F. Use of Single-Stage Dental Implants for Varying Degrees of Alveolar Atrophy //Central Asian Journal of Medical and Natural Science. – 2022. – Т. 3. – №. 3. – С. 782-786.
12. ХАЗРАТОВ А. И. и др. СРАВНЕНИЕ РЕЗОРБЦИИ МАРГИНАЛЬНОЙ КОСТНОЙ ТКАНИ ПРИ ОДНОЭТАПНОЙ И ДВУХЭТАПНОЙ ИМПЛАНТАЦИИ //E Conference Zone. – 2022. – С. 122-127.
13. Khasanov I. I., Shomurodov K. E., Khazratov A. I. Clinical x-ray study of complications of dental implantation and sinuslifting in patients with maxillar sinusitis //Asian journal of pharmaceutical and biological research. – 2021. – Т. 10. – №. 3.
14. Akhmedov A. A., Furkatov S. F. TO DETERMINE THE EFFECTIVENESS AND SAFETY OF PLANNED LOCAL ANESTHESIA IN PATIENTS WITH ARTERIAL HYPERTENSION //Актуальные проблемы теоретической и клинической медицины. – 2021. – Т. 31. – №. 1. – С. 145-147.