

University for Business and Technology in Kosovo

[UBT Knowledge Center](#)

UBT International Conference

Oct 28th, 9:00 AM - Oct 29th, 9:00 AM

2023 UBT International Conference

12th International Conference on Business, Technology and Innovation 2023

University for Business and Technology - UBT

Follow this and additional works at: <https://knowledgecenter.ubt-uni.net/conference>



Part of the [Architecture Commons](#), [Arts and Humanities Commons](#), [Business Commons](#), [Education Commons](#), [Engineering Commons](#), [Law Commons](#), [Life Sciences Commons](#), [Medicine and Health Sciences Commons](#), [Physical Sciences and Mathematics Commons](#), and the [Social and Behavioral Sciences Commons](#)

Recommended Citation

University for Business and Technology - UBT, "12th International Conference on Business, Technology and Innovation 2023" (2023). UBT International Conference. 1.

<https://knowledgecenter.ubt-uni.net/conference/2023UBTIC/abstract-book-2023/1>

This Event is brought to you for free and open access by the Publication and Journals at UBT Knowledge Center. It has been accepted for inclusion in UBT International Conference by an authorized administrator of UBT Knowledge Center. For more information, please contact

knowledge.center@ubt-uni.net

University of Business and Technology in Kosovo

[UBT Knowledge Center](#)

UBT International Conference

Oct 28th, 9:00 AM - Oct 29th, 9:00 AM

2022 UBT International Conference

12th International Conference on Business, Technology and Innovation 2023

University for Business and Technology - UBT

Follow this and additional works at: <https://knowledgecenter.ubt-uni.net/conference>



Part of the [Architecture Commons](#), [Arts and Humanities Commons](#), [Business Commons](#), [Education Commons](#), [Engineering Commons](#), [Law Commons](#), [Life Sciences Commons](#), [Medicine and Health Sciences Commons](#), [Physical Sciences and Mathematics Commons](#), and the [Social and Behavioral Sciences Commons](#)

Recommended Citation

University for Business and Technology - UBT, "11th International Conference on Business, Technology and Innovation 2022" (2022). *UBT International Conference*. 1.

<https://knowledgecenter.ubt-uni.net/conference/2023UBTIC/abstract-book-2023/1>

This Event is brought to you for free and open access by the Publication and Journals at UBT Knowledge Center. It has been accepted for inclusion in UBT International Conference by an authorized administrator of UBT Knowledge Center. For more information, please contact knowledge.center@ubt-uni.net.



17-19 October 2016

Faculty of Business Administration and Economics (FBAE)

Leadership and Innovation

Education | Research | Training | Consulting | Certification



BOOK OF ABSTRACTS

**OCTOBER
UBT
INNOVATION
CAMPUS, KOSOVO**

**CONFERENCE ON
BUSINESS, TECHNOLOGY
AND INNOVATION
2023**



BOOK OF ABSTRACTS

From:

12th Annual International Conference

- Chapter:** Journalism Media and Communication
- Chapter:** Management Business and Economy
- Chapter:** Modern Music, Digital Production and Management
- Chapter:** Political Science
- Chapter:** Pharmaceutical And Natural Sciences
- Chapter:** Mechatronics, Systems Engineering and Robotics
- Chapter:** Psychology
- Chapter:** Sport
- Chapter:** Law
- Chapter:** Nursing and Medical Sciences
- Chapter:** Food Science and Nutrition
- Chapter:** Architecture and Spatial Planning
- Chapter:** Art and Digital Media
- Chapter:** Computer Science and Communication Engineering
- Chapter:** Dentistry
- Chapter:** Education and Development
- Chapter:** Energy Efficiency Engineering
- Chapter:** Information Systems and Security
- Chapter:** Civil Engineering, Infrastructure and Environment
- Chapter:** Integrated Design

Edited by
Edmond Hajrizi

October, 2023

Conference Book of Abstract

International Conference

Pristina, 28-29 October 2023

ISBN

© **UBT – Higher Education Institution**

International Conference on Business, Technology and Innovation

Pristina, Kosovo 28-29 October 2023

Editor: Edmond Hajrizi

Organizing Committee: Edmond Hajrizi, Hasan.M, Ferrara.L, Sevrani.K, Bonifazi. G, Groumpos.P, Kopacek.P, Henriques.F, Dal Lago.B, Parisi, Lefort.F, Basilio.M, Morabito.G, Breitenecker.F, Dillinger.Th, Bachi.N, Mirijamdotter.A, Marinova.G, Ramaka Bruce Sh, Reqica.M, Zabeli.A, Behluli.E, Parduzi.A, Jashari.B, Rexhepi.Rr, Ahma.G, Hoxha.V, Isufi.F, Ymeri.A, Sylejmani.M, E.Mehmeti, Hoxha.A, Tahiri.D, Bahtiri.A, Rizaj-Gashi.A,Lama.A, Gruda.A, Zejnullahu.S, Qehaja.B, Krelani.V, Bilalli.E, Lajqi-Makolli.V, Kazazi.S, Isufi.F, Shabani.B, Kadriu.A, Hoxha.A, Jupolli.L, Berisha.V, Krasniqi.V, Nuredini.B, Morina.S, Jashanica.M, Retkoceri.M, Tahiri.A, Bajrami.F, Sulejmani.E,

Authors themselves are responsible for the integrity of what is being published.

Copyright © 2023 UBT. All rights reserved.

Publisher,
UBT

Oral health in patients with chronic renal failure

Asllani L.¹, Minovska A.², Petrovski M.³, Barani M.⁴

1 Faculty of dentistry of UBT, Prishtine, Kosova
PhD candidate, Faculty of medical sciences, Goce Delcev University, Stip, North
Macedonia

2 Eternadent, Skopje, North Macedonia

3 Faculty of medical sciences, Goce Delcev University, Stip, North Macedonia

4 Faculty of dentistry of UBT, Prishtine, Kosova

Abstract: Kidneys are visceral organs that are responsible for numerous body functions. About 90% of patients with kidney failure show oral signs and symptoms on both soft and hard dental tissues, some of them are caused by the disease itself, while others may be caused by the treatment.

The main aim of this paper was to present the oral health changes caused by chronic renal failure. In order to realize the main aim, an adequate literature review was conducted.

The occurrence of gingival hyperplasia due to immunosuppressive therapy is the most studied oral manifestation. It is estimated that 30% of patients who are on cyclosporine therapy show clinically significant gingival enlargement. Decreased kidney function results in an increase in levels of urea in the blood, and thus an increased level of urea in the saliva, where it is the same converts to ammonia. For this reason, uremic individuals have a characteristic halitosis (uremic fetor), which also occurs in about a third of patients on hemodialysis. Hyposalivation occurs as a result of reduced fluid intake, or as a result of secondary effects of drugs (mainly antihypertensives), as a result of the atrophy of the parenchyma of the small salivary glands or else due to mouth breathing.

The recognition of the basic anatomical and pathological developments of kidneys, as well as the signs and symptoms of their diseases will allow you to avoid numerous complications in everyday practice may occur during dental interventions in such patients.

Keywords; Renal failure, chronic renal disease, uremic halitosis, oral changes