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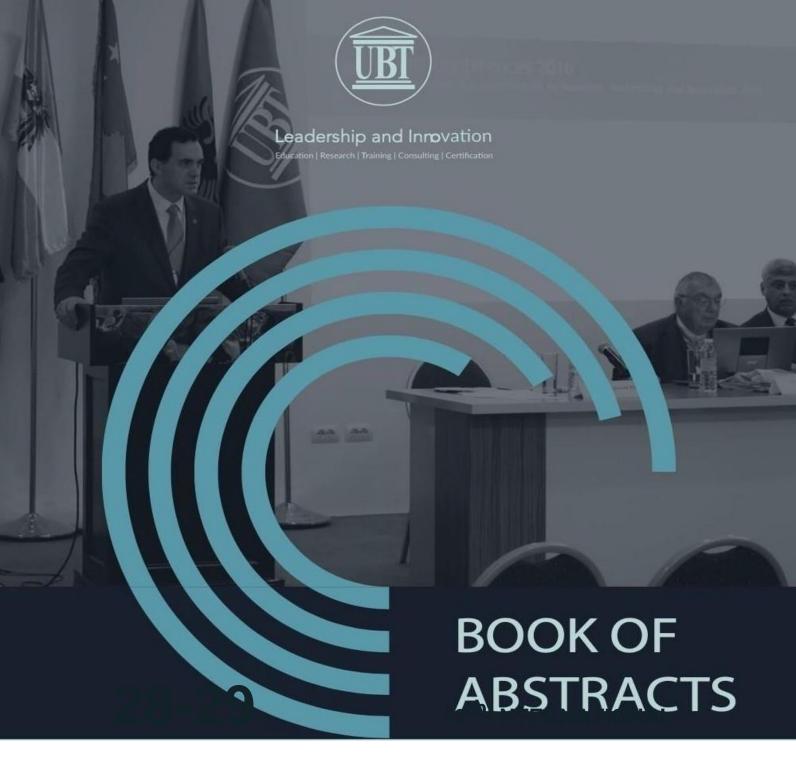
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OCTOBER CONFERENCE ON UBT INNOVATION CAMPUS, KOSOVO

BUSINESS, TECHNOLOGY AND INNOVATION

2023



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Chapter: Dentistry

Chapter: Education and Development **Chapter**: Energy Efficiency Engineering **Chapter**: Information Systems and Security

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Chapter: Integrated Design

Edited by Edmond Hajrizi

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Conference Book of Abstract

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Oral health in patients with chronic renal failure

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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 you 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