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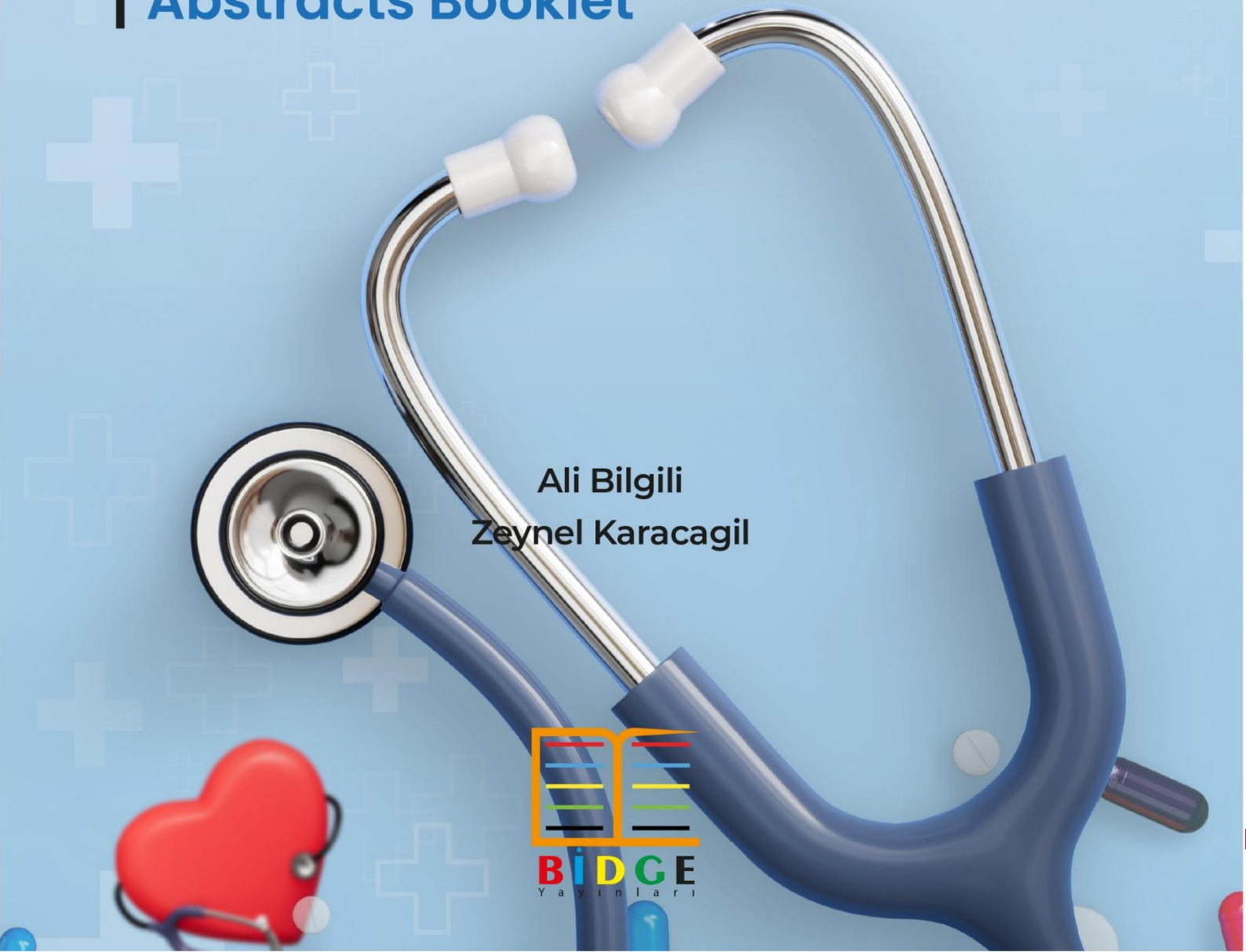

Ali Bilgili
Zeynel Karacagil

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Abstracts

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Sialolith : Case Report

Gamze Nur BAYRAMOĞLU1
Kübra TÖRENEK AĞIRMAN 2

Abstract

Introduction:
Sialoliths (salivary gland stones) are hard masses that have become calcified as a result of mineral accumulation in the salivary gland or duct. Sialoliths are one of the most common pathologies among salivary gland diseases and are mostly observed in the submandibular glands. In this case report, we aimed to present a patient with sialolith in the Wharton duct with a 6-month follow-up.

Case Report:
A 21-year-old male patient applied to our clinic with a complaint of swelling in the floor of the mouth after eating for a long time, especially after sour foods. He stated that the swelling went down after meals and that he was mobile when in contact with his tongue. In the intraoral examination of the patient, who did not have any systemic disease in his anamnesis, a hard, mobile structure was detected at the floor of the mouth. In the occlusal radiograph taken, a radiopaque calcific structure was observed at the floor of the mouth. A preliminary diagnosis of sialolith was made based on anamnesis and radiographic examination. A 7.7 mm sized calcific structure with hyperechoic posterior acoustic shadowing was observed in the intraoral and extraoral ultrasonography (USG) images. This calcific structure was seen to be within the Wharton Canal and at the level of the sublingual gland on extraoral USG. Anechoic areas showing posterior acoustic enhancement due to saliva pooling were observed immediately distal to the calcific structure and at the duct exit of the submandibular gland.

Conculusion:
Sialoliths should be evaluated together with the patient's anamnesis, detailed clinical examination and advanced imaging methods. Differential diagnosis should be made with calcifications such as soft tissue calcifications, vascular calcifications and calcified lymph nodes. At this point, USG provides great convenience in diagnosis in clinical use, and its lack of radiation is an advantage for short-term follow-ups.

Keywords: Sialolith, Submandibular Gland, Floor of Mouth, Ultrasonography, Wharton Duct

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The Knowledge Level Assesment of Workers in Çiğli Training and Research Hospital with in the Scope Of The Quality Of Hospital Standard Version 6 Chemical, Biological Radiological And Nuclear (cbrn) Hazards Management Standard

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Abstract

The concept of quality in health is defined as providing timely, efficient, effective, safe and secure, equitable, patient centered healthcare. Civil institutions as well as military institutions must be ready against Chemical - Biological - Radiological - Nuclear (CBRN) Threats. Quality Standards in Health-Hospital Version 6.0 "Management of Chemical Biological Radiological Nuclear Threats" standard in the hospital set specifies the prevention, harm reduction and improvement activities for these hazards that will arise inside and outside of civil hospitals. In this context, civil hospitals are held liable in line with their roles determined by the ministry by ensuring the safety of patients, their relatives and employees, including environmental safety.

The main purpose of the Master's thesis research on Quality Improvement and Accreditation in Healthcare, which is the subject of this study, is to ensure that the hospital personnel who will be involved in the management of Chemical, Biological, Radiological and Nuclear (CBRN) hazards comply with the disaster plan and to establish a "CBRN Threats Management" in line with the Health Quality Standards Version 6.0. to create a model and present its positive reflections and to share with health institutions.

In this context, the descriptive and cross-sectional research questionnaire was applied to a total of 195 health personnel working in Çiğli Training and Research Hospital between November 2020 and April 2021.

When the answers of the participants who accepted to participate in the master's thesis research survey are analyzed, it is seen that the awareness of the CBRN Threats Management Standard within the framework of Health Quality Standards Version 6.0 has not yet been formed, that the knowledge level and awareness-raising activities should be started urgently, and that starting from the orientation trainings, in order to better understand the process, the training given at regular intervals. It has been seen that it is necessary to provide trainings for this standard in in-service and refresher trainings.

Key Words: Chemical, Biological, Radiological and Nuclear (CBRN), Quality Standards in Healthcare, Vocational Training

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