

Awareness and Performance of Dentists Regarding Cardio-Vascular Diseases: A Report from Southeastern Iran



Masoomeh Kahnooji¹, Elham Farokh Gisour², Firoozeh Vahidi³ and Maryam Aliramezany^{1,*}

¹Cardiovascular Research Center, Institute of Basic and Clinical Physiology Sciences, Kerman University of Medical Sciences, Kerman, Iran

²Department of Pediatric, Oral and Dental Diseases Research Center/Kerman University of Medical Sciences, Kerman, Iran.

³Department of Cardiology, Kerman University of Medical Sciences, Kerman, Iran

© 2024 The Author(s). Published by Bentham Open.
This is an open access article distributed under the terms of the Creative Commons Attribution 4.0 International Public License (CC-BY 4.0), a copy of which is available at: <https://creativecommons.org/licenses/by/4.0/legalcode>. This license permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.



*Address correspondence to this author at the Cardiovascular Research Center, Institute of Basic and Clinical Physiology Sciences, Kerman University of Medical Sciences, Kerman, Iran; Tel: 989131961016; Fax: 986632228901; E-mail: maliramezany@yahoo.com

Published: May 14, 2024

Cite as: Kahnooji M, Gisour E, Vahidi F, Aliramezany M. Awareness and Performance of Dentists Regarding Cardio-Vascular Diseases: A Report from Southeastern Iran. Open Public Health J, 2024; 17: e18749445300156. <http://dx.doi.org/10.2174/0118749445300156240506093002>



Send Orders for Reprints to reprints@benthamscience.net

This questionnaire aims to gauge dentists' awareness and performance concerning cardiovascular diseases. It consists of two parts: the first part evaluates awareness with 15 questions, while the second part assesses performance with another 15 questions. Please carefully consider each question and indicate your level of agreement on a Likert scale, where 1 represents the least agreement and 5 signifies the highest agreement.

Basic Information: Gender: Male Female

Age: [Please input your age]

Occupation:

- General Dentist
- Specialist
- Newly Graduated

Years of Working Experience: [Please input the number of years]

Part A. Awareness of heart diseases.

Statement	1	2	3	4	5
I possess the required information regarding the symptoms of heart diseases.	-	-	-	-	-
I am confident in my skills and knowledge to effectively treat cardiovascular diseases.	-	-	-	-	-
I am well-informed about the interactions between cardiovascular drugs and those I prescribe before, during, or after dental treatments.	-	-	-	-	-
The theoretical and practical training I received during my studies adequately prepared me to address the needs and challenges presented by cardiovascular patients.	-	-	-	-	-
Prolonged use of NSAIDs may compromise the effectiveness of antihypertensive drugs.	-	-	-	-	-
Kidney diseases commonly contribute to high blood pressure.	-	-	-	-	-
Angina pain is typically experienced in the neck, lower jaw, and right arm.	-	-	-	-	-
A maximum of three doses of nitroglycerin within 15 minutes is appropriate for angina patients.	-	-	-	-	-
The semi-supine position is optimal for patients with heart failure.	-	-	-	-	-
Aspirin should be avoided in patients with heart failure.	-	-	-	-	-
If a patient experiences arrhythmia during treatment, it's advisable to halt the treatment and provide support with an oxygen mask.	-	-	-	-	-
The recommended oxygen administration volume is 4 liters per minute.	-	-	-	-	-

Statement	1	2	3	4	5
Patients with prosthetic heart valves are prone to endocarditis.	-	-	-	-	-
Prophylaxis to prevent endocarditis typically involves 2 grams of oral amoxicillin, administered half to one hour before treatment.	-	-	-	-	-
Discontinuing clopidogrel for more than 5 days is not recommended.	-	-	-	-	-

Part B. Performance.

Statement	1	2	3	4	5
Prior to commencing treatment, I gather the patient's medical and family history and personally assess their blood pressure.	-	-	-	-	-
For any dental procedures involving patients with cardiac disease, I seek consultation with a cardiologist.	-	-	-	-	-
I consult with a cardiologist regarding the selection and dosage of drugs used in dental procedures for patients with cardiac disease.	-	-	-	-	-
I regularly monitor the blood pressure of patients with cardiac disease throughout the treatment session.	-	-	-	-	-
If a patient's blood pressure exceeds 130/80 mmHg, I refrain from conducting any treatment.	-	-	-	-	-
I typically schedule dental treatments for patients with cardiac disease in the morning and for a brief duration.	-	-	-	-	-
I limit the use of anesthesia containing epinephrine to no more than 4 carpules for patients with cardiac disease.	-	-	-	-	-
I refrain from performing any dental treatment on patients who have experienced a myocardial infarction for up to 6 months.	-	-	-	-	-
I do not alter or discontinue the dosage of anticoagulants in patients with prosthetic heart valves without consulting a cardiologist.	-	-	-	-	-
In patients with cardiac disease, I administer anesthesia at lower doses and with longer intervals between doses.	-	-	-	-	-

DISCLAIMER: The above article has been published, as is, ahead-of-print, to provide early visibility but is not the final version. Major publication processes like copyediting, proofing, typesetting and further review are still to be done and may lead to changes in the final published version, if it is eventually published. All legal disclaimers that apply to the final published article also apply to this ahead-of-print version.