2020

The Echocardiography Society of Saudi Heart Association Recommendation on Quality and Laboratory Accreditation Guideline and Standards

Follow this and additional works at: https://www.j-saudi-heart.com/jsha

Part of the Cardiology Commons

This work is licensed under a Creative Commons Attribution-Noncommercial-No Derivative Works 4.0 License.

Recommended Citation
Kinsara, Abdulhalim Jamal; Ghazal, Sami; Omran, Ahmad S.; and Aleid, Esra (2020) "The Echocardiography Society of Saudi Heart Association Recommendation on Quality and Laboratory Accreditation Guideline and Standards," Journal of the Saudi Heart Association: Vol. 32 : Iss. 2 , Article 25. Available at: https://doi.org/10.37616/2212-5043.1112

This SHA Recommendations is brought to you for free and open access by Journal of the Saudi Heart Association. It has been accepted for inclusion in Journal of the Saudi Heart Association by an authorized editor of Journal of the Saudi Heart Association.
The Echocardiography Society of Saudi Heart Association Recommendation on Quality and Laboratory Accreditation Guideline and Standards

Abdulhalim Jamal Kinsara a,*, Sami Ghazal b, Ahmad S. Omran c, Esra Aleid b

a Department of Cardiology, Ministry of National Guard Health Affair, King Saud Bin Abdulaziz University for Health Sciences, COM-WR, King Abdullah International Medical Research Center, Jeddah, Saudi Arabia
b Saud Al Babtain Cardiac Center, Dammam, Saudi Arabia
c Department of Anesthesia and Pain Management, Toronto General Hospital, University Health Network, University of Toronto, Canada

Abstract

Objective: To create the Saudi Arabian Society of Echocardiography Accreditation Commission Guidelines and Standards.
Method: A review of available the North American and European accreditation guidelines was conducted and a model, locally appropriate for Saudi echocardiography laboratories and applicable in the current settings, was developed.
Results: The document specifies the organizational setting as well as the following categories of personnel: medical director, technical director, medical staff, and technical staff. The guideline team also examined aspects related to the facility and the facility safety policies and protocols. Examination and procedural issues for Adult transthoracic echocardiography including instrumentation, archiving media, examination interpretation and reports are also included as well as the required components for the Adult transthoracic echocardiography report. The last section of the guidelines focuses on Key Performance Indicators. A similar approach was taken regarding the Adult Stress Echocardiography, Transesophageal Echo, and monitoring of the patients during the procedures.
Conclusion: The development of the Saudi Echocardiography Guidelines and Standards is a basic requirement for accreditation and also mandatory to improve the quality and utilization of such an important investigation.

Keywords: Saudi Arabian Society of Echocardiography, Accreditation, guidelines, Transthoracic, Transesophageal, Stress Echocardiography, Quality

1. Introduction

Echocardiography is a widely available diagnostic modality. In many instances, the echocardiography report will alter the clinical decision and treatment strategy. Evidence-based echocardiography-related guidelines will minimize reporting errors and acquisition, and reporting variability. Evidence indicates that the comprehensiveness of the study and the completeness of the report are improved in a facility after accreditation [1]. In addition to clinical benefits, laboratory accreditation indicates the compliance of the facility to the standards that will reflect in the training process of a sonographer and physician and improve research credibility. Compliance with standards can be assured via the accreditation program, which periodically assess compliance to standards and establishes self-assessment tools to ensure compliance. Intersocietal Accreditation

* Corresponding author at. Department of cardiology, Ministry of National Guard health Affair, King Saud Bin Abdulaziz University for health sciences, COM-WR, King Abdullah International medical research center, Mail code 6599, P.O. Box 9515, Jeddah, 21423, Saudi Arabia.
E-mail addresses: akinsara@yahoo.com, kinsaraaj@ngha.med.sa (A. Jamal Kinsara).

https://doi.org/10.37616/2212-5043.1112
2212-5043© 2020 Saudi Heart Association. This is an open access article under the CC-BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/).