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Rheumatic heart disease in the 21st Century: Challenges and opportunities

Abstract:

The audience will gain a comprehensive understanding of the epidemiology and challenges associated with Rheumatic Heart Disease (RHD), including its alarming resurgence in Western countries where it had previously been eradicated. We will emphasize the need for heightened awareness and decisive action in response to the increasing diagnosis of RHD in regions where expertise and focus on the disease have diminished over time. A key focus of the presentation will center on equipping attendees with practical knowledge and insights applicable to their daily clinical practice. We will delve into the diagnosis, management, and disease outcomes of RHD, providing valuable information that can be immediately implemented in their professional settings. Additionally, we will emphasize the importance of establishing comprehensive databases that serve as essential resources for RHD, which will form the foundation for collecting and analyzing crucial data related to the disease, ultimately contributing to the development of effective prevention, treatment, and eradication strategies. The audience will have the opportunity to become acquainted with the Aswan Rheumatic Heart Disease Registry (ARGI) and actively participate in a multinational, multicenter research initiative. This initiative encompasses a wide range of studies, including epidemiological investigations as well as research into the pathogenesis of RHD, focusing on the associated humoral and cellular-mediated immune responses. Collaboration in this initiative plays a pivotal role in deepening our understanding of the disease. By joining forces, we can collectively contribute to the development of policies for the prevention, treatment, and ultimate eradication of RHD. In conclusion, this presentation seeks to raise awareness about RHD, highlight opportunities for improvement in its management and care, and inspire the audience to contribute to the establishment of comprehensive databases. Through these collective efforts, we can gather the necessary data to inform effective strategies and ultimately make a significant impact on the prevention, treatment, and eradication of Rheumatic Heart Disease.

Biography

Susy Kotit studied medicine at the University of Amsterdam, followed by a PhD at the Imperial College under the supervision of Prof Magdi Yacoub. (dissertation: Rheumatic Heart Disease in Egypt). Dr Kotit has established the Aswan Rheumatic Heart Disease Registry (ARGI) as well as the Aswan Disease Coding Registry (ADORE) and the cardio-obstetric care unit (CO-care) at the Aswan Heart Centre (AHC), Magdi Yacoub Foundation in Egypt. Dr Kotit is involved in a variety of initiatives aimed at improving the understanding and management of RHD, as well as broader issues related to global health and healthcare delivery.