

Challenges of Implementing Hemodynamics Program in Tertiary NICU in Israel

Dr Anna Shklovsky-Kordi, MD, Dr Dana Har Zahav eposter N 104

¹ Sheba Medical Centre, Ramat Gan, Israel

² Sackler School of Medicine at Tel-Aviv University, Tel Aviv , Israel

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Hemodynamic monitoring plays a crucial role in the management of critically ill neonates, enabling early detection and intervention for hemodynamic instability. However, establishing a comprehensive hemodynamics program within a neonatal unit can be challenging, particularly without the necessary support from the administration. This presentation outlines the challenges we are currently facing in a tertiary NICU in Israel while attempting to establish such a program.

Challenges include limited financial resources, lack of awareness among administrators regarding the significance of hemodynamic monitoring, insufficient staffing, inadequate equipment, and limited training and education opportunities for the team members. Adapting hemodynamics as an essential part of everyday life in NICU requires changes in institutional culture, workflow, and standard practices. Overcoming resistance to change, fostering a culture of collaboration, and aligning the program's objectives with the overall institutional goals are paramount to achieving successful implementation and sustaining the program in the long run.

A brief survey among neonatal fellows from different NICUs across Israel clearly shows the situation is quite similar everywhere. When asked what do they particularly lack – TIME is the most popular answer.

Successful establishment of a hemodynamics program is impossible without addressing the identified challenges. And the program itself is crucial to ensure optimal patient outcomes and improve neonatal care. Increased awareness, allocating of adequate resources, appropriate staffing and necessary equipment, and most importantly providing the opportunities for ongoing training and education for the team - are the steps that administration can and should start implementing ASAP.

