

# International Conference and Exhibition on **Pediatric Cardiology** August 25-27, 2015 Valencia, Spain

## **Sedation and anesthesia in the cardiac catheterization lab**

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In the last decade, procedures in the Cardiac Catheterization lab become more complex, take longer time, and involve higher sick patients. That led to many changes in strategy, and move from the Operating Room to the Cathlab. This originated new challenges to attending physicians and Anesthesiologists particularly. More and more they are managing a large range of children of different ages, different cardiac anomalies (some very complex), requiring an intervention in the cathlab instead or as a supplement to the surgery. No need to say that the Cathlab is a remote location, creating a hostile and unfamiliar environment, that makes the management of these patients more challenging. Therefore, many of these procedures require General Anesthesia instead of Sedation. The Anesthesiology Department must be active in developing protocols and management guidelines.

The aims of this lecture will be to:

- Describe the different indications for cardiac interventional procedures
- Discuss the choice of the anesthesia technique (General Anesthesia versus Sedation)
- Explain the notion of sedation and its complications
- Decide the level of expertise of the physicians in charge of these cases
- Consider safety as an important concern in this special setup

### **Biography**

David Gozal is Director of the Sedation Service, Dept. of Anesthesiology and Critical Care Medicine, Hadassah University Hospital, The Hebrew University of Jerusalem, Israel.

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