Certifying Examination for Pediatric Echocardiographers
The PSE/PHA Joint Committee on Accreditation

I. What is the PSE/PHA Joint Committee on Accreditation?

The Joint Committee on Accreditation is the independent body of experts from the Philippine Society of Echocardiography and Philippine Heart Association tasked to draft and approve guidelines for training and accreditation in echocardiography for both physicians and sonographers. It is also in charge of designating the board of examiners who shall craft and administer the certifying examination for echocardiographers and cardiac sonographers.

II. What is the certifying examination for pediatric echocardiographers?

A. Background of the Examination:
   The certifying examination for pediatric echocardiographers is considered an objective means of assessing the competency of physicians with respect to the technical, practical and clinical aspects of pediatric echocardiography. Certification as a pediatric echocardiographer indicates a high level of knowledge and skill that will ensure the performance of quality echo studies and the supervision of echo laboratories and facilities.

B. Purpose of the Examination:
   To certify physicians who have an acceptable level of knowledge, expertise and competency in the practice of pediatric echocardiography which will contribute ultimately to patient safety and quality of patient care.

C. Board of Examiners:
   For 2019, the Board of Examiners for Pediatric Echo is composed of:
   • Chair: Corazon A. Estevanez, MD, FPSE
   • Vice-chair: Anna Marie S. Cabaero, MD, FPSE
   • Members: Blandina F. Ferrera, MD, FPSE
                Aurora S. Gamponia, MD, FPSE
                Virginia C. Mappala, MD, FPSE
                Jonnie Bote-Nuinez, MD, FPSE
III. What are the coverage and mechanics of the examination?

A. Coverage of the Examination:
   1. Physics and instrumentation
   2. Nomenclature and Segmental Approach to CHD
   3. The Comprehensive Echocardiographic Examination
   4. Structural Measurements and Adjustment for Growth
   5. Hemodynamic Measurements
   6. Echocardiographic Evaluation of Systolic Function
   7. Diastolic Ventricular Function Assessment
   8. Congenital heart diseases
   9. Miscellaneous Cardiovascular Anomalies
   10. Anomalies of Ventricular Myocardium
   11. Acquired Pediatric Heart Disease
   12. Special Techniques
       a. TEE
       b. 3D
       c. Fetal
   13. Echocardiographic Assessment of Pulmonary Arterial Hypertension
   14. Echocardiography in Systemic Disease and Specific conditions
   15. Echocardiography in the Intensive Care Unit

B. Mechanics of the Examination:

   1. **Part I: WRITTEN EXAM**
      - 120 multiple-choice questions (4 choices) from major topics
      - 20 questions from each examiner

   2. **Part II: PRACTICAL EXAM**
      - 30 practical questions, mostly image-based
      - Passing rate: based on MPL
      - **Date and Venue: Sept 16, 2019 (Monday) -- 1pm; Crowne Plaza Galleria Manila, Ortigas Avenue**

C. Recommended references
   1. Echocardiography in Pediatric and Congenital Heart Disease: From Fetus to Adult. Wyman Lai
   2. American Society of Echocardiography practice guidelines
IV. Who can take the certifying examination for adult echocardiographers?

A. Eligible to take the examinations are pediatric cardiology fellows of the Philippine Heart Association who went through one year dedicated training in Pediatric Echocardiography in a training center recognized by the Phil Heart Association/Phil Society of Echocardiography. Candidates or examinees must submit a certification from their respective training centers.

B. Requirements to qualify for the written certifying examination: Anyone who satisfies ALL of the following requirements may take the certifying exam:

1. Certification of completion of a 3-year general Pediatric Cardiology program in a training center recognized by the Philippine Heart Association
2. Certification of completion of a one-year dedicated training in Pediatric Echocardiography in a training center recognized by the Philippine Heart Association and Philippine Society of Echocardiography
3. Letter of intent to take the exam (addressed to the Chair of the Board of Examiners)
4. Application fee: PhP 1,000
5. **Deadline for submission of applications: September 7, 2019**

For any further questions or clarifications, please contact us at:

**The Philippine Society of Echocardiography Secretariat**
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