

I claim:

- 1. A teaching aid for sonographic analysis of the blood flow through a defective heart and in combination with a sonographic device comprising:
 - a human form having a hollow chest cavity;
 - a plurality of heart models, each dimensioned and configured so as to represent a different structural heart defect;
 - said structural heart defect replicates a disorder selected from the group consisting of a first example of a Partial Anomalous Pulmonary Venous Return, a second example of a Partial Anomalous Pulmonary Venous Return, a first example of a Total Anomalous Pulmonary Venous Return, a second example of a Total Anomalous Pulmonary Venous Return, a third example of a Total Anomalous Pulmonary Venous Return, a fourth example of a Total Anomalous Pulmonary Venous Return, a Mitral Valve Atresia, an Atrio-ventricular Canal, a Transposition of the Great Vessels, a Tetralogy of Fallot, a Truncus Arteriosus, and an Ebstein's Anomaly;
 - each of said heart models having heart walls and internal valves being disposed in said hollow chest cavity separately a circulatory system removably attachable to each of said plurality of heart models;
 - an opening in said human form through which each said heart model is insertable into said hollow chest cavity; and
 - a sonographic device for analysis of the blood flow through at least one of said defective heart models.
- 2. The teaching aid according to claim 1, further including partial ribs within said cavity, said ribs preventing said cavity from collapsing.
- 3. The teaching aid according to claim 2, wherein said ribs are dimensioned and configured to allow passage of said heart model from within said ribs in said cavity to outside of said cavity.
- 4. The teaching aid according to claim 2, further comprising:

- a sternum-like member connected to said ribs;
- flexible clavicle-like members connected to said sternum-like member;
- receptacles in said cavity dimensioned and configured to receive said clavicle-like members; and
- whereby insertion of said clavicle-like members in said receptacles anchors said clavicle-like members, said sternum-like members, and said ribs in said human form.
- 5. The teaching aid according to claim 2, further comprising:
 - a sternum-like member connected to said ribs; and
 - a support bar anchored within said human form and dimensioned and configured to connect to said sternum-like member and to support said heart model.
- 6. The teaching aid according to claim 1, further including:
 - hollow legs;
 - hollow feet;
 - conduits passing between said heart model and said feet, via said legs; and
 - at least one pump unit dimensioned and configured to receive said conduits at said feet and to pump fluid through said conduits.
- 7. The teaching aid according to claim 6, further including:
 - a fluid reservoir
 - a receptacle dimensioned and configured to receive said fluid reservoir and disposed within said chest cavity, said fluid reservoir being releasably received within said receptacle.
- 8. The teaching aid according to claim 1, wherein said heart model has moderator bands connecting said walls of said heart model.
- 9. The teaching aid according to claim 1, wherein said heart model has papillary muscle members connecting said walls of said heart model to said valves of said heart model.

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