STANDART VERSUS SEGMENTAL
HEMODYNAMICS APPROACH IN PRENATAL ULTRASOUND
DIAGNOSTICS OF HEART DISEASE

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**Step 1. DEFINITION OF SITUS**
HASL – Heart Aorta Stomach Left

**Step 2. ATRIAL ANATOMY**

**Step 3. ATRIOVENTRICULAR CONNECTION. PATENCY OF A/V VALVES. VENTRICULAR MORPHOLOGY**

255 fetuses with heart defects were examined. 122 fetuses were examined using the standard technique (the 1st group). 133 fetuses, (the 2nd group) were examined using a segmental hemodynamic approach. Sensitivity in group 1 was 78% (TP – 191, FN – 54), in syndromes – 77% (TP – 94, FN – 28). The finding of symptoms in 2-nd group had a sensitivity of 87% (TP – 205, FN – 31), the finding of syndromes – 81% (TP – 108, FN – 25)

**Step 4. LEFT VENTRICLE OUTFLOW TRACT**

**Step 5. RIGHT VENTRICLE OUTFLOW TRACT**

**Step 6. VISUALIZATION OF THE AORTIC ARCH, DUCTUS ARTERIOSUS**

**Step 7. 3 VESSELS AND TRACHEA VIEW**