OP11.08 - Quantification of fetal myocardial function in pregnant women with diabetic diseases and in normal controls using speckle tracking echocardiography (STE)  
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**Purpose:**
to quantify the fetal myocardial function in pregnant women with diabetic diseases and in normal controls using STE

**Methods:**
prospective study
180 fetuses (53 FDM, 127 FC)
19 to 39 weeks of gestation
myocardial strain and dyssynchrony analyzed using STE in a transversal four-chamber view offline analysis via QLab 10.5

**Results:**
Measurements feasible with a high median frame rate of 199 frames/s
in pregnancies with diabetes mellitus:
*Global and segmental myocardial longitudinal strain of 2C and 1C*

2C_DYS and 1C_DYS

**Conclusion:**
Two-chamber interventricular dyssynchrony = a potential diagnostic marker for DM.