Obstetrics ultrasound examination of birth defect
:Current status and issues of peripheral clinic in Japan
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Object: The last few years it advances aging pregnant women and it drops the birth rate in Japan. One of twenty pregnancy (one of four in our clinic) is reported for an ART pregnancy. We reconsider of ultrasound examination of birth defect in the single private clinic.

Methods: Population: 3301 pregnant women are seen our clinic from September 2013 to January 2019. (ART pregnancy 827: 25.05%, spontaneous pregnancy 2474: 74.95%) 2293 babies have delivered. (ART pregnancy 582: 25.33%, spontaneous pregnancy 1711: 74.62%) The average of delivery ages are 35.90 (25-46) ART pregnancy and 32.98 (19-44) spontaneous pregnancy. The statistical data were analyzed student-t test.

Results: The birth defect was detected in 1.81% of ART pregnancy and 2.16% spontaneous pregnancy. IUFD was recognized in 0.73% of ART pregnancy and 0.76% spontaneous pregnancy. There were no significant difference in both of them.

Conclusions: Over 35 ages women are decided aging pregnant women in Japan. Last five years there is no much more than difference of birth defect between ART pregnancy and spontaneous pregnancy in our clinic. In Japan one of twenty (one of four in our clinic) is an ART pregnancy and about 75% pregnant women deliver at the peripheral clinic. Nowadays everyone can research easily to birth defect by social networks. The maternity surroundings are unsettled. We have to prepare to correspond for them. We need to think that no one but peripheral clinic would do how short time examination in detail and high accuracy.