**Introduction**

Intrapartum transperineal ultrasound (ITU) measurements have been introduced to clinical practice more than a decade ago. Since then, several studies demonstrated the effectiveness of ITU. However, the feasibility of intrapartum ultrasound in real-life obstetrics with operators at different proficiency level is yet to be determined.

**Objectives**

To investigate the association between operator level of training and reliability of angle of progression measurements.

**Study design and Methods**

A retrospective study in one university medical center. We included all women who underwent intrapartum transperineal ultrasound for the measurement of angle of progression (AoP), before vacuum assisted delivery from November 2017 to December 2018. AoP delta score was calculated as the difference between measured AoP and the station-calculated AoP.

**Conclusion**

AoP measurement reliability was not associated with operator training level.