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**Introduction**
The Indonesian Medical Doctor’s Standard of Competence places the mastery of basic obstetric ultrasound examination in 4th level of competence, graduates should able to independently perform this skill in primary health care. Teaching basic obstetric ultrasound skills for undergraduate medical students should be incorporated into curriculums. Clinical teacher in clinical setting play a significant role. Supervision with constructive feedback has shown positive impact on the achievement of student’s competence.

**Aim**
Develop learning media and find the influence of clinical supervision on the achievement of medical student competence in basic obstetric ultrasound examination skills by using Directly Observe Procedural skills (DOPS) as assessment method.

**Methods**
Mix method research, one group pre and post test design to assess student knowledge, one group post test design to assess student’s skills achievement with DOPS and qualitative study to explore student perception.

**Results**
There is significant difference in the score of pretest and posttest. There was an increase in the average score of pretest (mean value 25.24, minimum value of 10 and a maximum value of 50) and post test students (mean value 76.67, a minimum value of 50 and a maximum value of 90) after obtaining the teaching media and clinical supervision. The value of all individuals were also increased. Wilcoxon statistical test showed significant differences DOPS shows very good achievement.

**Conclusion**
Clinical supervision as teaching method together with learning media in the form of guide book and ultrasound video give positive result to improve achievement of student’s competence in basic obstetric ultrasound examination skills.