
EDITORIAL

Intriguing Review and Topics in First Issue of Thai Journal of Obstetrics and Gynaecology 2026

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This first issue of Thai Journal of Obstetrics and Gynaecology 2026 contains many interesting articles. The special article is "Evolution and prospects of educational pathways in invasive prenatal procedures." The topics included current landscape of training, gaps and needs, and future trajectory⁽¹⁾.

This issue also contains seven original articles. Kanthiya performed a cross-sectional study to evaluate the prevalence of anxiety and depression in women with abnormal cervical cytology referred for colposcopy at Suratthani Cancer Hospital and identify associated risk factors. The results showed psychological distress was common among women referred for colposcopy, with significant predictors including smoking, poor disease knowledge, and co-existing anxiety⁽²⁾.

Kosidapan et al performed a prospective cohort study to evaluate the efficacy of oral iron supplementation on the resolution of anemia and the improvement of hemoglobin (Hb) levels in anemic pregnant women with abnormal Hb typing results compared to those with normal Hb typing results. They found an additional oral iron supplementation did not significantly correct anemia in pregnant women with abnormal Hb typing who were most likely thalassemia carriers⁽³⁾.

Tueman et al performed a randomized controlled trial to study the effect of 2% lidocaine gel in conjunction with ibuprofen for pain relief during endometrial biopsy. They found the addition of 2% lidocaine gel was effective in reducing pain during endometrial biopsy when compared to ibuprofen alone⁽⁴⁾.

Eiamcharoenlap et al performed a retrospective case-control study to investigate maternal factors associated with early-onset neonatal sepsis in preterm infants at Maharat Nakhon Ratchasima Hospital. They found gestational age < 34 weeks, maternal chorioamnionitis, and maternal leukocytosis were significant risk factors associated with early-onset neonatal sepsis in preterm neonates⁽⁵⁾.

Pichaipaet et al performed a randomized controlled trial to compare blood glucose levels and patient satisfaction during gestational diabetes screening between two oral glucose formulations: 50 grams of dissolved glucose powder in water versus 50% intravenous glucose solution diluted for oral intake. The result showed the administration of 50 grams of glucose powder dissolved in water and 100 milliliters of 50% injectable glucose solution diluted to a total volume of 300 milliliters resulted in no significant difference in 1-hour post-load plasma glucose levels⁽⁶⁾.

Ariyasriwatana et al performed a retrospective study to determine disease-free survival, disease-specific survival and lymph node metastasis in human papilloma virus (HPV) - associated cervical adenocarcinoma by

pattern-based classification. They found the 5-year disease-specific survival was 100% with no lymph node metastasis in patients with pattern A. Patients with pattern B and C were associated with higher risk of lymphovascular space invasion and lymph node metastasis⁽⁷⁾.

Saengsiriwudh, et al performed a retrospective study to evaluate the association between low pregnancy-associated plasma protein-A (PAPP-A) levels and preterm birth and to assess the relationship between low PAPP-A levels and other adverse pregnancy outcomes, as well as analyzing factors affecting PAPP-A levels. The results revealed that low PAPP-A levels were significantly associated with preterm birth, gestational hypertension, and fetal growth restriction⁽⁸⁾.

For the coming new year 2026, we would like to extend our warmest wishes to all members of Royal Colleague of Obstetricians and Gynaecologists, editorial board, reviewers, authors and families. We thank to all the authors, readers, reviewers, and editors for your great contributions to Thai Journal of Obstetrics and Gynaecology this past year and look forward to receiving your invaluable contributions in new year 2026.

Happy New Year 2026

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