

ทารกแรกเกิดน้ำหนักน้อยกว่า 2500 กรัมกับภาวะโลหิตจางและการ  
ฝากครรภ์ที่ครอบครัวมีส่วนร่วมจากสถิติคลอดโรงพยาบาลส่งเสริม  
สุขภาพศูนย์อนามัยที่ 10 ปีงบประมาณ พ.ศ. 2556  
LBW AND ANEMIA IN FAMILY INVOLVEMENT ANC :  
HEALTH PROMOTING HOSPITAL OF HEALTH CENTER  
REGION 10 BIRTH STATISTICS 2013 REVIEW

Suraphan Sangsawang, Atchara Varophas, Suthirak Konkaew, Ratchaneewan Charuleodphong  
สุรพันธ์ แสงสว่าง, อัจฉรา วโรภาส, สุธธิลักษณ์ ก้อนแก้ว, รัชนีวรรณ จารุเลิศพงศ์  
*Health Promoting Hospital of Health Center Region 10, Chiangmai*  
โรงพยาบาลส่งเสริมสุขภาพศูนย์อนามัยที่10เชียงใหม่

**Background:** Health Promoting Hospital has encouraged family to take part in the antenatal care (ANC) process; consisting of couple counseling, school for parents, parturient attending care practice of husband/family. LBW, one of the indicators for maternal and child health, have never ever attained the goal (less than 7% of live birth). Along with LBW, anemia is another important medical complication during ANC, and correlation between both of them has long been known.

**Objective:** To study the correlation of the family involvement in ANC process, anemia and LBW.

**Methods:** Health Promoting Hospital 1,527 live birth (including 7 twins and 8 maternal HIV/AIDS) statistics in the year 2013 (October 1, 2012-September 30, 2013) were reviewed. The numbers and the percentages of the family-involvement cases in ANC process, anemia and LBW were compared.

**Results:** There were 106 newborns, weighed less than 2,500 g, from 1,527 live births. That is 6.94% LBW. There were 338 cases of family involvement in ANC process, resulting in 12 LBW cases, 3.55%. There were 452 cases of anemia at 1st ANC, resulting in 48 LBW cases, 10.62%. There were 420 cases of anemia after 32 gestational weeks, resulting in 30 LBW cases, 7.14%. Interestingly, there were 196 cases of anemia, after 32 gestational weeks but no anemia at 1st ANC, resulting in 7 LBW cases, 3.57%.

**Suggestions:** The family involvement in ANC process correlated favorably with lowering percentage of LBW. Anemia at first ANC correlated to high percentage of LBW. But anemia only after 32 gestational weeks did not correlate with LBW. The family involvement and anemia during ANC need the further study of their both management impact on LBW outcome.