A novel atraumatic tourniquet technique for excessive bleeding during cesarean sections

Buke B, Canverenler E, Akkaya H
Sinop Atatürk State Hospital, Sinop, Turkey

Objective
Controlling excessive bleeding in cesarean sections which may cause a life-threatening event even under well-prepared conditions. We used a novel atraumatic tourniquet technique to temporary arrest blood flow through the uterine and ovarian vessels. Toothless vascular clamps were used as clamp.

Methods
Büke Tourniquet technique performed postpartum hemorrhage (PPH) cases (19 out of 37) were compared with 18 other cases with PPH.

Results
The difference between preoperative and postoperative hemoglobin values was significantly lower in the study group as well as the number of blood products needed during and after surgery.

Conclusion
This technique not only prevented massive bleeding from the uterus, but also allowed physicians time to consider the necessity of further interventions.