The addition of clonidine to epidural levobupivacaine and sufentanil for patient-controlled epidural analgesia in labour seems to improve analgesia, reduce supplementation rate and pruritus (1). Clonidine, levobupivacaine and sufentanil are mixed in the same infusion bag. However, there is no publication to prove the stability of the admixture during the infusion. The aim of our study was to validate the compatibility and stability of the three drugs in this admixture.

**INTRODUCTION**

The addition of clonidine to epidural levobupivacaine and sufentanil for patient-controlled epidural analgesia in labour seems to improve analgesia, reduce supplementation rate and pruritus (1). Clonidine, levobupivacaine and sufentanil are mixed in the same infusion bag. However, there is no publication to prove the stability of the admixture during the infusion. The aim of our study was to validate the compatibility and stability of the three drugs in this admixture.

**MATERIALS AND METHODS**

**RESULTS**

**LEVOBUPIVACAINE:** remained stable throughout the 24 hours of analysis period as well at 25°C as at 33°C

**CLONIDINE:** remained stable throughout the 24 hours of analysis period as well at 25°C as at 33°C

**SUFENTANIL:** remained stable throughout the 24 hours of analysis period as well at 25°C as at 33°C

**DISCUSSION, CONCLUSION**

Based on the present results, admixture of levobupivacaine, clonidine and sufentanil remains stable under clinical conditions and can be used to give efficient and safer pretreatment in epidural patient-controlled analgesia

**References**