Management of acute ibuprofen overdose in 3rd trimester

Objective:
To describe management of ibuprofen overdose in 3rd trimester as there is little information on it in pregnancy.

Case report:
On admission doppler assessment revealed no impaired fetal circulation (Fig.1-2) after maternal ingestion of 10 x 400mg tablets ibuprofen at 37+4 weeks. Concerning premature closure of the ductus arteriosus LSCS was performed under general anesthesia and a male infant (3420g, Apgar Score 8/8/9, pH: 7.32) delivered. The neonatal did not develop pulmonary hypertension or impaired renal and had no other apparent problems.

Supportive maternal therapy included:
- intravenous fluid therapy for prevention of acute renal failure
- monitoring urine output over 48 hrs
- pantozol 40mg over 3 days to prevent upper gastrointestinal tract bleeding

Conclusion:
In this case the overdose of 4g Ibuprofen at 37+4 weeks had no adverse effect on the fetus, intrauterine closure of the fetal ductus arteriosus did not occur.

Postnatal care was uneventful, after 72 hrs mother and infant were discharged.