

## Diarrhea in Pregnancy: A Salmonella Case Report

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### Background

Salmonella infection have a prevalence of 2% in general population but only of 0.2 %, in pregnant.

### Case Report

A 27-yo pregnant woman come to ED at 38 weeks' gestation due fever and diarrhea (15 watery stools a day). She was hypotensive, tachycardia and hypovolemic state. At blood analysis there was Na 130, K 3.0, PCR 10 mg/dl but normal WBC and PCT. Stools culture resulted positive to Salmonella Typhi. Thus, the patient was promptly treated with electrolyte fluid solutions and antibiotic

(ampicillin/sulbactam 1gX3). After 4 days from admission, she gave birth the child without complications. At 8 days they were discharged in good conditions on antibiotic therapy.

### Conclusion

Hormonal changes during pregnancy may impair the cell Mediated immune response increasing the susceptibility to infections like salmonella. This is an important issue and the history of diarrhea in a pregnant woman may suggest the search for Salmonella as soon as possible for a prompt diagnosis and having a good outcome avoiding complications and death of new-born.