monitoring. A literature review indicates that previous clinical trials have failed to demonstrate statistically significant occurrence of serious haematological abnormalities. Our experience shows that neutropenia can indeed be a serious side effect. In both cases, prompt reversal of neutropenia was observed upon discontinuation. Given the cost and discomfort associated with routine investigations, we recommend large multicentric observation studies with the aim of creating a unified standard.

**Abstracts**

**855**  **CHILDMHOOD MENINGITIS (EXPERIENCE OF THE PEDIATRIC DEPARTMENT FOR A YEAR)**

DOI: 10.1136/archdischild-2012-302724.0855

ND Righi, S Brahmi, H Zerguine, S Tebbal. CHU Benfils Touhami, Universite de Batna, Park Affragne, Algeria

**Introduction** Meningitis is one of concern in Pediatric Infectious Diseases ictsxits with impact, the Epidemiological Profile, ict severity in the short and long term Especially if it is Caused by bacteria, and Especially the interest of her proper care.

**Objective** Evaluate the epidemiology, bacteriology, etiology of meningitis and How They support and Their Future.

**Material and Methods** A retrospective study of records of patients hospitalized in the Pediatric University Hospital DURING 2010 BATNA, 70 Patients Were the subject of this study.

**Results** Both sexes are Affected with a male predomiance. The Age Group Most Affected is 30 days to 05 years 55.71% (range of 30 daysand 15 years).

A marked Increase in incidence Between April and August (61 boxes).

Fever Was Noted in 100% of our patients, 32 patients com- plained of headache. The neck stiffness Was Noted in 13 patients, 02 patients presented seizures.

Cytological CSF study objectified That HAS 57% of patients Had a number of elements Between 10 and 500 cells/mm 3 with presence of neutrophils and lymphocytes in 40.4%. The hypoglycorrhachia WAS present in 55.7% of cells, the hyperalbuminorrache in 31.4% of boxes. Leukocytosis WAS present in 65.33% cells, leukopenia in boxes 26.66%.

67% Of Our Patients Had a positive CRP, 61.8% Had an ESR.

**Conclusion** Confirmed this study the frequency of meningitis in children. The preponderance of the viral origin Which corresponds to literature.

**856**  **SALMONELLA ENTERITIDIS MENINGITIS IN A CASE REPORT**

DOI: 10.1136/archdischild-2012-302724.0856

ND Righi, S Brahmi, H Zerguine, T Bendhib, A Kasseh Laàouar. CHU Benfils Touhami, Universite de Batna, Park Affragne, Algeria

**Introduction** Salmonella are the usual agents of gastrointestinal infections caused by ingesting food or water contaminated responsible for gastroenteritis, infectious forms with predominant symp- toms represent 5–10% of all salmonellosis They occur most often in patients malnourished, immunocompromised or sickle cell.

We report a case of salmonella meningitis complicated by peri- carditis and septic shock.

**Observation** KM infants 3 months old born and residing in Patna, the third in a family of three EVBE, from a consanguineous mar-riage, was admitted at the pediatric ward on 10–12–2008 for: septic shock whose clinical examination objectified: an altered state with general paller CM, grunting, sclerae, bradypnea, tachycardia and mottled extremities neurological syn- drome: hypertonia with generalized convulsion a PL which was per- formed: in favor of a purulent meningitis in Salmonella Enteritidis Inflammation testing strongly positive.

Echocardiography: pericardial electrophoresis HB: hemoglobin C.

**Conclusion** The salmonella although they are responsible for gas- troenteritis often with good prognosis under treatment in certain situations may give serious systemic infections and their prognosis remains reserved hence the interest to look at this type of infection an underlying pathological field.

Annuler les modifications.

**857**  **EPIDEMIOLOGY OF BLOODY DIARRHOEA AMONG CHILDREN LESS THAN TEN YEARS OF AGE IN BAGHD**

DOI: 10.1136/archdischild-2012-302724.0857

WA-AO Al-Kubaisy. Community Medicine, UiTM Faculty of Medicine, Shah Alam, Malaysia

Bloody diarrhea in young children is usually a sign of invasive enteric infection that carries a substantial risk of serious morbidity and death Among its important risk factors are poor environmental sanitation, unsafe water, poor personal hygiene & artificial feeding In Iraq the sanitary condition & general hygiene had been deterior- ating during the last decade, particularly following the last war.

**Objectives** To identify prevalence & risk factors associated with- bloody diarrhea.

**Methodology** Cross - sectional study was conducted. Collecting 1500 children aging < 10 years old, having diarrhea, from two pedi- atric teaching hospitals in Baghdad. Mothers Interviewing, clinical & stool laboratory examination were carried-out for each patients.

**Results** Prevalence of bloody diarrhea was (28%). No significant association between sex & bloody diarrhea. Significantly, higher rate of bloody diarrhea among children; aging7–9 years (66.6%), living in rural areas (41.9%), their mothers were illiterates (31.5%), household water from river (46.3%) not using refrigerator for food storage (34.1%), and children who were on exclusive bottle feeding (36.5%). While insignificantly higher rate (33.3%) among children of working mothers.

Entamoeba Histolytica was the main causative agents (83.58%), with significant higher prevalence (97.5%) among age group 1–3years. Prevalence of Non-typhoid salmonella or Shigella (4.28%, 2.14%) respectively, were found more among age 4–6 years (42.1%), (15.8%) respectively.

**Conclusion** Bloody diarrhea highly prevalent in Baghdad (28%). Entamoeba histolytica is the commonest causative agent Non breast fed baby at high risk. Therefore efforts should be directed toward encouraging exclusive breast feeding and, improvement of the basic infrastructures.

**858**  **ANALYSIS OF THE INCIDENCE OF GIARDIASIS IN CHILDREN WITH ATOPIC DERMATITIS**

DOI: 10.1136/archdischild-2012-302724.0858

E Adhygafarova. Department of Propedeutics of Pediatrics, Crimea State Medical University named after S. I. Georgievsky, Simferopol, Ukraine

Atopic dermatitis holds the first place among children’s allergic dis- eases. One of its proven ethiopathogenetic factors is parasitosis, affecting the course of dermatoses and leading to frequent recur- rences and chronization of dermal processes.

**Objective** Studying the frequency of atopic dermatitis and giardi- sias occurrence in children.

**Materials and Methods** In 2007–2011, 173 children aged 3–17 have been examined, who underwent treatment for atopic dermati- tis in the Clinical Hospital of Simferopol. Their diagnosis were veri- fied based on the patients’ complaints, histories, clinical, biochemical and instrumental examinations.

**Discussion** Out of 173 examined children, 46 were diagnosed with giardiasis. Apart from typical symptoms of allergy, clinical findings