Abstracts

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

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Introduction Meningitis is one of concern in Pediatric Infectious Diseases ict 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, bacteriologic, 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 predominance. 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 complained 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 hyperalbuminorrachie in 31.4% of boxes. Leukocytosis WAS present in 63.33% 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

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Introduction Salmonella are the usual agents of gastrointestinal infections caused by ingesting food or water contaminated responsible for gastroenteritis, infectious forms with predominant symptoms 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 pericarditis 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 marriage, was admitted at the pediatric ward on 10–12–2008 for: septic shock whose clinical examination objectified:

an altered state with general pallor CM, grunting, sclerema, bradypnea, tachycardia and motiled extremities neurological syndrome: hypertonia with generalized convulsion a PL which was performed: 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 gastroenteritis 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.

Dictionnaire.

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

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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 deteriorating 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 pediatric 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; aging 7–9 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 group 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

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

Objective Studying the frequency of atopic dermatitis and giardiasis occurrence in children.

Materials and Methods In 2007–2011, 173 children aged 3–17 have been examined, who underwent treatment for atopic dermatitis in the Clinical Hospital of Simferopol. Their diagnosis were verified 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...
Dermatologic Immune Reconstitution Inflammatory Syndrome (IRIS) in Children Receiving ART from a Community Outreach Program in Kampala

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Background Onkiriza (2011) demonstrated that dermatological manifestations were the most common IRIS events in children receiving ART. We aimed to find the incidence of dermatological-IRIS in children receiving ART for at least 12 weeks.


Results Total of 110 charts; median age 5.9 years (IQR 9.1months–11.9years), 70 females (63.6%). 85 children (77.2%) baseline WHO stage III/IV. All children received septin. Median time on ART was 24weeks (IQR 13.2–40.8). Baseline CD4+% was < 15% for 77(70%), ≥ 15% for 33children. Viral load >399,000 copies were 76 children (69.1%) and < 399,000 for 34 children. PPE had the highest incidence (47cases) after ART initiation. 10cases of verrucae planae, 9 tinea capitis, 3HSV and 1varicella zoster.

Conclusion The analysis has shown that 27% of patients with atopic dermatitis were infected with giardiasis. These data require a use of a complex approach to the therapy of atopic dermatitis,more thorough examination of children for any pathology of the gastrointestinal tract, particularly, the examination of helminths.

EPIDEMIOLOGICAL FACTORS AND FOOD: WHICH IS THE ROLE IN HELICOBACTER PYLORI RE-INFECTION IN PEDIATRIC AGE?

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Background Helicobacter pylori (H.p) infection has been recognized as a cause of chronic gastritis, peptic ulcer, atrophic gastritis and gastric cancer. Its acquisition is related with poor socioeconomic conditions while the relationship of nutrition and Hp is still a question.

Aim To analyzed if socioeconomic factors and dietary contribute to Hp re-infection in pediatric age.

Patients and methods 150 patients (92 males; age range 5–16 years) with Hp infection treated and eradicated in the past. 55 patients with Hp re-infection and 95 patients not re-infected.

We interviewed the children with questionnaire about socioeconomics factors, hygiene, living conditions and their dietary habits.

Results A lower frequency of fermented dairy food, fruits and vegetable consumption was registered among children with Hp re-infection as compared to not been re-infected.

Among persons with Hp re-infection were noted low socio-economic markers such as crowded living conditions, a large number of siblings and unclean water.

Conclusions Might decrease the risk of Hp re-infection the use of probiotic, vitamin C, antioxidants contained in fruit and vegetables.

Risk factors for Hp re-infection are low socioeconomics factors, hygiene and living conditions.

RSV HOSPITALIZATION IN INFANTS WITH NEUROMUSCULAR DISEASE IN THE CANADIAN REGISTRY OF SYNAGIS® (CARESS) FOLLOWING PROPHYLAXIS (2005–2011)

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Background and Aims The Canadian Registry of Synagis® (CARESS) tracks palivizumab use and respiratory outcomes in high-risk infants, including those with neuromuscular impairments (NMI). We compared respiratory illness (RI) and respiratory syncytial virus positive hospitalization (RSVH) rates in NMI infants versus: 1) those with other underlying medical disorders (MD) and 2) those prophylaxed for standard indications (SD).

Methods A prospective, observational registry of infants from 30 Canadian sites who received ≥1 dose of palivizumab during the 2005–2011 RSV seasons. Utilization and RI events were collected monthly throughout each season.

Results 10452 infants were recruited (NMI: 118, 1.1%; MD: 1443, 13.8%; SD: 891, 85.1%). There were statistically significant group differences (p<0.05) in: enrolment weight and age, gestational age, birth weight, proportions of: Caucasians, daycare attendance, smoking exposure, siblings, multiple birth, >5 individuals in the household, and history of atopy. NMI infants tended to have a less complex neonatal course. Compliance was similar across the three groups. The NMI group had higher RI hospitalization rates than MD or SD (17.8% versus 9.6% and 5.8%, p<0.0005). A Cox proportional hazard analysis showed that having NMI increased the risk of first RSVH compared to infants in the SD group (hazard ratio=4.47, 95% CI 1.96–10.18, p<0.0005).

Conclusions NMI infants comprise a very high risk cohort for RI and RSV-related hospitalization and should be considered for palivizumab prophylaxis to reduce incurred morbidities as recommended by the American Academy of Pediatrics and other international advisory bodies.