



ABSTRACT FORM

"4TH PEDIATRICS RESEARCH DAY"

Date: Tuesday, 9th March 2010
(23 Rabi' I 1431)

Venue: Professor Sameer bin Huraib Auditorium, KAMC-R

Abstracts will be evaluated by the Scientific Committee and accepted abstracts will be published in the "4th Pediatrics Research Day Abstract Booklet"

TITLE

AUTHORS & AFFILIATION

STRUCTURED ABSTRACT (not more than 250 words)

Office Use

Abstract No. _____

Accepted As

Oral

Poster

DEADLINE FOR SUBMISSION

Wed. 15th Dec. 2009

TOPIC SELECTION:

General Pediatrics

Subspecialty Pediatrics

Other _____

PRESENTATION FORMAT: (Check one)

Oral Poster

The Scientific Committee reserves the right to designate an accepted abstract as platform or poster presentation.

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DISCLOSURE:

Has this work been previously presented?

Yes

No

IMPORTANT NOTE:

Submission of an abstract constitutes a commitment by the author(s) to present the abstract as accepted.

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Ms. Mary Jane Ablog
Secretary, Dept. of Pediatrics
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AND

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at E-mail:
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TITLE: _____

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By signing above, you confirm the involvement & knowledge of all co-investigators on the status of this abstract.

ABSTRACT FORM**3rd ANNUAL PEDIATRICS RESEARCH DAY"**

Date: Monday, 19th to Wednesday, 21st Nov. 2007
(10 to 12 Thul-Qedah 1428)

Venue: Professor Sameer bin Huraib Auditorium, KAMC-R

Abstracts will be evaluated by the Scientific Committee and accepted abstracts will be published in the "3rd Annual Pediatrics Research Day Abstract Booklet"

TITLE

PREDICTION OF ABNORMAL CT SCAN AMONG CHILDREN PRESENTING WITH FIRST SEIZURE IN THE EMERGENCY DEPARTMENT

AUTHORS & AFFILIATION

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STRUCTURED ABSTRACT (not more than 250 words)

BACKGROUND: The aim of the present study was to determine the significant predictors of abnormal CT after the first seizure in children; in order to optimize the CT scan utilization in the emergency department.

METHODS: The hospital records of 126 children with seizure were reviewed. Patients with known brain tumor, craniotomy, bleeding disorder or open skull fracture were excluded. Type of seizure, physical finding on presentation, developmental delay, other chronic disease, final diagnosis and hospital outcome were cross correlated.

RESULTS: Of the 126 patients reviewed, 53(42.1%) had abnormal CT scan. Abnormal Ct scan was significantly associated with the presence of chronic disease ($p < 0.01$), developmental delay ($p < 0.01$), physical findings ($p < 0.01$) and type of seizure ($p = 0.04$). However, adjustment for other variables with the logistic regression analysis showed that; the presence of developmental delay ($P = 0.01$), as well as the presence of physical findings ($p < 0.02$) was the only significant predictors of an abnormal CT scan. Children with developmental delay are 5 times more likely to have an abnormal CT (OR= 4.97), while those with focal findings are about 8 times to have an abnormal CT (OR=7.85) as compared to other children.

CONCLUSION: Our findings show that careful neurological examination as well as history of developmental delay could be considered as significant predictors of an abnormal CT scan in children who present to the emergency department with their first seizure.

Office Use

Abstract No. PN-004-07

Accepted As

Oral Poster

Publish as abstract in the Saudi Medical Journal

Yes No

DEADLINE FOR SUBMISSION

Mon. 15th Oct. 2007

TOPIC SELECTION:

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 Yes No

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balkhyh@ngha.med.sa

**"4th Pediatrics Research Day"
Tuesday, 9th March 2010
(23 Rabia I 1431)**

INSTRUCTIONS FOR SUBMISSION OF ABSTRACTS

1. **PREPARATION:** The abstract should be a brief structured summary of the paper stating the **purpose, methods, results and conclusions**.
2. **RESPONSIBILITY:** Authors have full responsibility for any statements submitted. Authors are also responsible for proof reading the typed abstract.
3. **CHANGES:** Once abstracts have been submitted to the Scientific Committee, changes will not be permitted.
4. **TITLE:** Type the title in the box provided using Arial font size 10. **Capitalize and bold title**. Keep it brief, indicating the nature of the investigation.
5. **AUTHORS:** Type in the box provided using Arial font size 10, bold authors, and institutional affiliations. List First name followed by middle initial if applicable, and then Last name. Name all authors, and then institutional affiliations. **Underline the name of the presenting author.**
6. **TEXT:** Type in lower case letters using Arial font size 10 in the box provided. Single space text with a double space between paragraphs. Use only very common abbreviations. Generic names are required the first time a drug is mentioned and are to be written in lower case letters.
7. If your abstract is accepted, we encourage you to submit pictures, graphs, tables and figures that support your abstract for inclusion in the Abstract Booklet. These can be sent by soft electronic copy to Ms. Mary Jane Ablog, Administrative Assistant, Dept. of Pediatrics E-mail: ablogma@ngha.med.sa AND copy to Dr. Fadia Al Buhairan at E-mail: buhairanfs@ngha.med.sa or copied in a USB and handed to Ms. Mary Jane Ablog, Administrative Assistant, Dept. of Pediatrics.
8. **SUBMISSION REQUIREMENTS:** Abstracts must be submitted according to the requirements and can be sent by soft electronic copy to ablogma@ngha.med.sa AND copy to Dr. Fadia Al Buhairan at E-mail: buhairanfs@ngha.med.sa or copied in a USB and handed Ms. Mary Jane Ablog, Administrative Assistant, Dept. of Pediatrics. **The deadline for submission of abstracts is 15th December 2009.**
9. **EXPENSES:** All expenses associated with the preparation, submission and presentations of an abstract are the responsibility of the presenting author(s) including travel and lodging.
10. **ACKNOWLEDGEMENT:** All abstracts received by the Scientific Committee will be given an abstract number, and its receipt will be acknowledged with the abstract number to the presenting author by e-mail. Accepted posters will be mounted on bulletin boards according to their assigned abstract number. Therefore, please use the abstract number for any communication with the Scientific Committee regarding your abstract.
11. Best oral presentation and poster presentation for senior and junior first authors will be awarded at the end of the Research Day activities.
12. All abstracts will be evaluated for quality and presentation during the Research Day and finally, by 3 anonymous judges.
13. **NO CONFLICT OF AUTHORSHIP:** Authors/co-authors should realize that the details of the abstract (title, authors, contents, etc.) will be published as is.
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