Burns in Pregnancy

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17 April 2012
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Introduction

- Burns is an important subject in trauma management.
- But burns in pregnancy is not a topic mentioned in obstetric texts or books on burn care.
- The aim of this literature review was to understand the impact burns has on pregnancy and maternal and fetal survival and the subtle differences in the management of pregnant burn victims.
Materials and methods

• An Internet search was done using Pubmed search engine to collect case reports and articles on the topic
• Statistics of Burns unit, RIPAS Hospital
Incidence

- 7% in USA (Amy et al. Fort Houston),
- The highest of all burn incidences in pregnancy was found in India, ranging from 7%, calculated by Akhtar (Nagpur), to 13.3%, reported by Jain (Bhilai)
- Of the 379 cases reported in the literature between 1958 and the present day that have come to our attention, 129 (34%) occurred in India
Causes

- Accidental: 72.55%
- Intentional: 27.45%
Causes

- Scalding
- Flame
- Flash
- Electrical
- Chemical
- Friction

[Bar chart showing the frequency of different types of burns]
Place of occurrence

- Home: 62%
- Garden: 25%
- Work: 8%
- RTA: 2%
- Others: 3%
Brunei statistics

- Males: 15
- Females: 27

Decade distribution:
- 1st decade: 5
- 2nd decade: 2
- 3rd decade: 3
- 4th decade: 3
- 5th decade: 2
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