References to SIDS case-control studies from 1985 to 2012

Epidemiological studies with parental contact

For the ISPID website (www.ispid.org)

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Aim
This is an attempt to provide peer-reviewed references for all major SIDS case-control studies over the last 27 years. The listing will be first passed to the ISPID board and then the ISPID members for input before the table and associated references are put on to the ISPID website.

Inclusion criteria
The inclusion criteria for the studies were that they should be epidemiological in nature, include parental contact (interviews or postal questionnaire) and have started data collection on or after 1985. This is to focus on both that the main SIDS risk factors are centred in the infant sleeping environment (hence the need for parental input) and the fact that the rapid decline in deaths began from 1989 onwards. The inclusion criteria for the individual references are not just that they should relate to the study but also to the epidemiological findings and be written in English. Some studies have extended the period of observation from the initial manuscript but have essentially been treated as the same study. The studies are described in terms of the lead author from the first publication.

Exclusion criteria
Cohort studies (unless embedded with a clearly defined case-controls study), case-reference studies and case-control studies that do not include a parental interview or parental postal questionnaire have not been included.

The Search
The search was initially based on my PhD submitted in 1998 and supplemented over the years as and when I came across further case-control studies. In October 2011 a search of PubMed using the terms ‘SIDS’ and ‘case control’ produced 632 references which I cross-referenced with the studies I had already found. This yielded an additional 22 references for studies I had already found along with 1 eligible and 7 ineligible studies. A further search was conducted in February 2012 which produced 637 references but none of the 5 more recent references were epidemiological studies.

Results
From the work conducted on the PhD and supplemental search I found 68 studies. Of these 19 were cohort studies1-19 and 3 were case-reference studies20-22 so have been excluded. A further 11 were case-controls23-33 studies without parental contact, so have also been excluded. Thus 35 case-control studies that have collected data on or after 1985 with parental contact were found. The 35 studies span 17 countries and families of 5283 SIDS victims and 22,766 surviving control infants have helped collate this data. Below are listed the studies and the 144 references to these studies
<table>
<thead>
<tr>
<th>No</th>
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</table>

1 included further observations from February 1990 to June 1991
2 A case-control study nested in a cohort study (for one of the papers 213 control infants were used)
3 Controls included 70 matched controls and 152 population based controls
4 North American Plains includes South Dakota, North Dakota, Nebraska and Iowa
5 For some papers the study period (and thus number of cases and controls) has been increased
6 Only 90 had autopsies and were categorised as SIDS, 24 were categorised as SUD
7 Includes a further group of 192 controls who died of explained causes
8 Includes a further group of 82 high risk controls
References

Study 1

Study 2

Study 3

Study 4

Study 5

Study 6

Study 7
References to SIDS case-control studies from 1985 to 2012

Study 8


Study 9

Study 10

Study 11

Study 12

Study 13

Study 14

Study 15


**Study 16**


**Study 17**


**Study 18**


**Study 19**


**Study 20**

References to SIDS case-control studies from 1985 to 2012

**Study 21**


**Study 22**


**Study 23**


**Study 24**


**Study 25**


**Study 26**


**Study 27**


**Study 28**


**Study 29**


**Study 30**


**Study 31**

References to SIDS case-control studies from 1985 to 2012

Study 32


Study 33

Study 34

Study 35
References of Excluded studies


5) Hilder AS. Ethnic differences in the sudden infant death syndrome: what we can learn from immigrants to the UK. *Early Hum Dev* 1994;38:143-149.


