SIDS UNEXPECTED/UNEXPLAINED/UNDETERMINED/UNCLEAR IS INCORRECT

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ABSTRACT

BACKGROUND
The biggest unsolved medical mystery today is the worldwide sudden infant deaths. Due to lack of care, skill, knowledge and wilful negligence of doctors they are not able to diagnose the cause of sudden infant deaths. Globally, SIDS death crosses 22,000 every year.

SID- Sudden Infant Death, age < 1 year infant.
SUD- Sudden Unexpected Death, age < 1 year infant.
SIDS- Sudden Infant Death Syndrome, age < 1 year infant.
SUID- Sudden Unexplained Infant Death, age < 1 year infant.
SSIDS- Simultaneous Sudden Infant Death Syndrome, age < 1 year infant.

Main causes of death are due to thymus and lymph node defects and feeding mother’s bad habits, and also due to “A to Z” causes given below. A child requires care and protection.

My aim is to make at least some feeding mothers to change their attitude. As per Biblical times, in Old Testament Solomon says that “this woman’s child died in the night because she overlaid it” - “Holy Bible Old Testament, 1st Kings 3:19 “SIDS Unexpected/Unexplained/Undetermined is incorrect.

KEYWORDS
Thymus, Soft Bedding, Suffocation, Lymph Nodes, Mother’s Drug Abuse, Sleep Position.


BACKGROUND
Globally, every year millions of SIDS also referred to as “cot death” is a thing within one year age of infants. (1) It is the unexpected death of an apparently healthy infant during sleep. Every death must have a definite cause of death. Doctor’s opinion of the cause of death – “respiratory-cardiac failure” is incorrect, it must have a definite cause of death. What the causes are or how to prevent is advocated to the parents. In India, most of the deaths are not reported due to lack of knowledge of doctors. According to the Centres for Diseases Control (CDC), overall rate of SIDS coming down is incorrect. It is important to take precautions to avoid this sudden death in otherwise a healthy baby. The study was done on various parameters associated; some of these little aspects should be taken care of to reduce the risk of SIDS deaths to regulate the human behaviour in present days. Hence, there should be a direct study of the relationship between parents and children to control SIDS.

MATERIALS AND METHODS

- In 1826- Alexander Hood noted 5 cases of SID associated with enlarged thymus.
- In 1830s- John Heinrich Kopp designated it as thymus asthma, which caused mechanical pressure on the trachea or associated nerves and vessels.
- In 1860- Rudolph Virchow supported Kopp’s theory of same pathology.
- In 1888- Paul Grawits’ several cases of SID, enlarged thymus.
- In 1889- Arnold Paltauf haemorrhages in drowning.
- 20th Century- 127 cases of SID, unusual enlarged lymph nodes.

Figure 1. Thymus Defect

Figure 2. Lymph Nodes

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A-Z causes for Sudden Infant Deaths:
A- Allergy due to cow’s milk, Alcoholic mothers, Adrenal deficiency, Anaemia.(1)
B- Biotin deficiency, Brain stem abnormality, Bottle feeding, Bedding, Botulatism, Battered baby syndrome - pre-planned.(3)
C- Calcium deficiency, Common cold, Charging cell phone wires on bed may cause strangulation,(4) Co-sleeping of parents with infant, Cocaine addiction of mother, Congenital heart diseases.
D- Defect in heart,(4) Diphtheria, Dry drowning, Devices, Down’s syndrome,(2) Drugs.
E- Enlarged thyroid, Enzymes deficiency, Environment at home,(5) Enlarged lymph nodes.
F- Fault neck position, Feeding in prone position, Face-Down position.
G- Gadgets near to cot/crib, Genetic disorder.
H- Heat stresses, Hepatic-B, Heart rate increase, Home mates, Hypothermia, Hyperthermia, Heart problems.
I- Infections with Staphylococcus, E. coli, Viral, etc., Insects bites.
J- Jaundice, Jacksonian epilepsy, Jugular pressure with side pillow.
K- Kwashiorkor, Keratocerus, Ketomuria, Klebsiella, Knots.
L- Laryngeal(6) spasm, Long Q-T interval syndrome, Laptops near to bed,(7) Laryngitis.
M- Magnesium deficiency, Meningitis, Mobile phones, Milk in bronchioles, Metabolic disorders.
N- Neonatal jaundice, Nasal oedema, Nasal obstruction.
O- Over crying, Obstructive airway, Oedema of feet and hands, Overlaid it.(1)
P- Prone position sleep, Pertussis, Parathyroid hormone deficiency, Peptic ulcer, Poor family, Peritonitis, Pneumonitis, Pleurisy.
Q- Q-fever, Quadriplegia sudden, Q-T interval abnormality.
R- Respiratory infections, Renal failure, Renal stones, Retention of urine.
S- Sodium overload indeed, Sleep apnoea, Spinal haemorrhage, Suffocation with clothes or pillows, Smoking in infant room, Soft bedding, Shaken baby syndrome,(2) Short time period between pregnancies,(6) Sharing of beds, Sleep reduced apnoea, Spider bites.
T- Tetanus, Twins, Triplets, Thymus asthma, Toxic matters, TB meningitis, Tracheal bronchitis, Transient cerebral anoxia, Tobacco smoking,(8) Teenage girl’s child birth.
U- Upper respiratory infection, Uræmia, Ulcerative colitis, Urine retention.
V- Vitamin deficiency, Vomited milk goes to lungs, Vaccinated improperly.
X- Xanthelasma-xenogenetic.
Y- Yellow fever, Yawning mouth fixed for long time.
Z- Zinc deficiency, Zollinger syndrome (Peptic ulcer).

**Figure 3. SIDS Rate and Face Down Position**

**Figure 4. Good Way**

**Figure 5. Correct and Wrong Position of Sleeping**

**OBSERVATION AND DISCUSSION**
Rates vary significantly by population; in Hong Kong: 0.05/1000, in America: 6.7/1000.
In India, SIDS is 0.84/1000 live births. According to John Kathwinker, Chairman of the Lanterns for Disease Control, prevention decreased SIDS. A lot of us is benefited. In 2013, there were persistent disparities in SIDS death in racial and ethnic groups. In US in 2009, 2013 Rate of SIDS. Asian/Pacific Islands- 119.2. American Indians/Alaska - 24%.

**The rate per 1000 births varies in different areas**
Central America 0.20; Asia 0.28; Mexico 0.24; Puerto Rican 0.53; Whites 0.51; African-American, 1.08; America-India 1.24.
How to Control and Prevent Sudden Infant Deaths (SIDS)
1. Soft bedding is dangerous to infants, i.e. in soft bed vomited milk goes to lungs, may cause suffocation, so avoid soft beds.\(^6\)
2. Home- avoid smoking at home.
3. Sharp objects to be kept away from child.
4. Avoid commercial devices.
5. Mobile phones to be kept away from infants.\(^6\)
6. Laptops to be kept away from infants.
7. Gadgets to be kept away from infants.
8. Do not keep the phones for charging on infant’s bed.
9. Low birth weight, a preterm baby needs extra care, handle carefully.
10. Do not feed in sleep position, only on sitting position.
11. After every feed must hold up for burp, as it ensures that the stomach has cleared itself of extra air.
12. Baby is small and their reflexes are still developing, hence till the time the brain realises the danger it is too late, must be taken care of, otherwise it is fatal.
13. Regular vaccination for preventive measures.
15. Improve social, economical and cultural factors.
16. Putting infant to bed on their side.
17. Breastfeeding and immunisation prevents SIDS.\(^9,10\)
18. Mental education regarding baby care.
19. Proper ventilation in the baby’s room.
20. Optimum temperature.
21. Soft bedding is dangerous to infants, i.e. in soft bed vomited milk goes to lungs, may cause suffocation, so avoid soft beds.\(^6\)
22. Do not put any mosquito repellents like All-out near the baby’s cot.
23. Awareness of NICHD- National Institute of Child Health Human Development “save to sleep” campaign.
24. Mother must be in a sitting posture while feeding the baby.
25. Do not put any mosquito repellents like All-out near the baby’s cot.
26. Have regular check-ups, know the side effects of prescribed drugs.\(^6\)
27. Housewives busy in the kitchen should not medicate an infant without consulting a paediatrician.
28. Infants who take sedative drugs may cause suffocation.
29. Parents, caregiver of an infant must not sleep along with baby.
30. A separate properly designed crib must be used for the baby.
31. Proper ventilation in the baby’s room.
32. Do not cover the baby with blankets.
33. Do not medicate an infant without consulting a paediatrician.
34. Encourage bottle feeding.
35. Penile position of the baby.
36. Avoid commercial devices.
37. Improving the centres for disease prevention proposed.\(^9,10\)
38. Face down posture of sleeping is dangerous.
40. Sufficient environmental air, it prevents suffocation (use fans).
41. Keeping babies in the same crib may cause SIDS.
42. Proper prenatal care.
43. Improving the centres for disease prevention proposed.\(^9,10\)
44. Face down posture of sleeping is dangerous.
45. Awaken the baby.
46. Low birth weight, a preterm baby needs extra care, handle carefully.
CONCLUSION

Social Forensic Message(19)
Give special care to your child in rainy and winter seasons due to peak incidents during nights. Child requires care and protection, not exploitation. Always advocate consoling for feeding mothers.(19) After these control measures, at least some feeding mothers should change their attitudes. Many doctors giving death certificate for SIDS as cardiorespiratory failure is a wrong opinion.(20) There must be a definite cause of death. SIDS, unexpected/unexplained/undetermined is incorrect.

REFERENCES

