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## Crib Death

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Studies have revealed a correlation between spinal abnormalities, inc trauma and crib death or SIDS (sudden infant death syndrome). This one piece of a larger puzzle.

**Peer Reviewed Journals:**

**Latent spinal cord and brain stem injury in newborn infant**  
Towbin, A, [Dev Med Child Neurol. 1969 \(Feb\);11 \(1\): 54-68](#)

- Autopsy of infants who died of SIDS revealed blood in the sp which the author hypothesized, was due to obstetrical traum cord and brain stem injuries often occur during the process of frequently escape diagnosis. Respiratory depression in the ne cardinal sign of much injury. In infants, there may b neurological defects reflecting the primary injury." Towbi states: "mechanical stress imposed by obstetric manipulation application of standard orthodox procedures may prove into the fetus. Difficult breathing in the newborn is a classic ind such injury" He goes on to say," Survival of the newborn is mainly by the integrity and function of the vital centers in stem. Yet paradoxically, the importance of injury at birth to stem and spinal cord are matters which have generally escap attention."

**Sudden unexpected death in rare cervico-occipital anom: inadequate trauma.** Gilg T, Eisenmenger W. [Z Rechtsmed. \(3\): 207-214](#)

- Two cases of sudden unexpected death due to rare cervicc dysplasia and inadequate trauma are presented, and the pr examination are shown. At postmortem examination in e cases, precise investigation of anamnesis and trauma as

removal and maceration of the upper cervical vertebral column indicated.

**Birth injury to the cervical spine and spinal cord.** Reid Neurochir Suppl (Wien). 1983;32:87-90

- Mechanical trauma to the cervical spine still occurs at birth. **48 perinatal postmortems traumatic damage to the spinal cord was found.** Also in this series at least 12% of cases from one hospital showed some degree of trauma to the cervical spine but this was of a lesser degree in individual cases than 20 years ago.

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- Mechanical trauma to the cervical spine still occurs at birth. **48 perinatal postmortems traumatic damage to the cervical spine was found.** Also in this series at least 12% of cases from one hospital showed some degree of trauma to the cervical spine but this was of a lesser degree in individual cases than 20 years ago.

**Significance of birth trauma damage to the vertebral column in sudden infant death.** Saternus KS, Hebold K, Beitr Gerichtl Med. 1986;44:569-71

- Damage to the cervical spine is fairly common in a series of 100 cases of sudden infant death and neonatal deaths.

**Infantile atlantooccipital instability. The potential for extreme extension.** Giles FH, Bina M, Sotrel A. Am J Dis Child. 1977;133(1):30-37

- During early infancy, adventitious sliding and slipping motion between the vertebral column and skull are possible in the cervical spine. In ten of 17 infants, the posterior arch of the atlas inverted the foramen magnum during extension of the head on the atlas,

in the anatomic potential of bilateral vertebral artery con  
These anatomic conditions may be the basis for a chain of e  
contributes to death in some neonates and infants with con  
diseases and may be one source of unanticipated death.

**Spinal injury related to the syndrome of sudden death  
death") in infants. Towbin A, Am J Clin Pathol. 1968 (Apr  
562-567**

#### **Additional Articles:**

**Atlanto-occipital hypermobility in sudden infant death synd  
Schneier M, Burns R. Released by Association for Research in Chiro  
April, 1989.**

- A triple blinded x-ray study. Increased instability of upper  
spine was found in children who died of crib death.

**You may also enjoy Dr. Anrig's article: Head Movement a Poss  
of SIDS**

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