

Search &gt; Results for Breathing at birt... &gt;

MENU

Breathing at Birth: Neonatal Resuscitation in the Golden Minute of Life

Free Full Text from Publisher



Export ▾

Add To Marked List

< 1 of 1 >

## Breathing at Birth: Neonatal Resuscitation in the Golden Minute of Life

**By:** Mohamed, MAS (Mohamed, Mossad Abdelhak Shaban) <sup>[1]</sup>; Abdelhalim, AT (Abdelhalim, Abdelbaset Taher) <sup>[2]</sup>; Algantri, K (Algantri, Khaled) <sup>[3]</sup>; Salam, MW (Salam, Md Wasek) <sup>[4]</sup>; Taher, S (Taher, Salaheldin) <sup>[5]</sup>; Salam, A (Salam, Abdus) <sup>[6]</sup>, <sup>[7]</sup>

### BANGLADESH JOURNAL OF MEDICAL SCIENCE

**Volume:** 22 **Issue:** 2 **Page:** 272-279

**DOI:** 10.3329/bjms.v22i2.64984

**Published:** APR 2023

**Indexed:** 2023-05-19

**Document Type:** Review

### Abstract:

At the time of delivery, the process of transition of the baby from the mother's womb to the extra uterine environment is among the most complex adaptations that a human faces in different phases of life. This transition involves both physiological and anatomical changes in the baby that occurs in a relatively short span of time. While most babies can smoothly undergo this transition without much difficulty, there are indeed many who face difficulties in this complex phase resulting in perinatal asphyxia evident by delayed or absent crying, cyanosis, generalized hypotonia, and so on. An astute assessment is needed to identify these babies at birth who are at risk of death or severe complications in the future. After identification, prompt management and resuscitation should be started immediately after birth to ensure the survival of these babies. The first moments after birth are vital, and the first 60 seconds after delivery is known as the golden minute of life. In case a baby does need resuscitation, it is imperative that the baby gets identified and effective resuscitation starts in the golden minute of life. The longer resuscitation is delayed, the more the chance of death or future complications. This paper attempts to describe the steps of neonatal resuscitation of newborn babies suffering from perinatal asphyxia to help them establish effective breathing after birth.

## Keywords

**Author Keywords:** neonatal resuscitation; golden minute; neonatal assessment; perinatal asphyxia; cord clamping; chest compressions

**Keywords Plus:** HEART-ASSOCIATION GUIDELINES; CARDIOPULMONARY-RESUSCITATION; MORTALITY; SETTINGS; CHILD; CARE

## Author Information

**Corresponding Address:** Salam, Abdus (corresponding author)

Widad Univ Coll, Fac Med, Head Med Educ Unit, Kuantan, Pahang, Malaysia

### Addresses:

- 1 Int Islamic Univ, Dept Paediat, Kulliyah Med, Pahang, Malaysia
- 2 Widad Univ Coll, Fac Med, Paediat & Pharmacol Unit, Kuantan, Malaysia
- 3 Widad Univ Coll, Fac Med, Anat & Embryol Unit, Kuantan, Malaysia
- 4 Mymensingh Med Coll Hosp, Dept Paediat, Mymensingh, Bangladesh
- 5 Prince Charles Hosp, Merthyr Tydfil, Wales

[...more addresses](#)

**E-mail Addresses:** [abdussalam.dr@gmail.com](mailto:abdussalam.dr@gmail.com)

## Categories/ Classification

**Research Areas:** General & Internal Medicine

**Web of Science Categories:** Medicine, General & Internal

## Funding

Funding agency	Grant number
Research Medical Centre (RMC) of the International Islamic University of Malaysia (IIUM)	RMCG 20_070_0070

[View funding text](#)

[+ See more data fields](#)

## Journal information

**BANGLADESH JOURNAL OF MEDICAL SCIENCE**

**ISSN:** 2223-4721

**eISSN:** 2076-0299

**Current Publisher:** IBN SINA TRUST, 1-1B KALLYANPUR, MIRPUR RD, DHAKA 1216, BANGLADESH

**0.16**

**Journal Citation Indicator™ (2021)**

**Research Areas:** General & Internal Medicine

**Web of Science Categories:** Medicine, General & Internal

### Citation Network

In Web of Science Core Collection

0

Citations

 [Create citation alert](#)

23

Cited References

[View Related  
Records](#)

### Use in Web of Science

Web of Science Usage Count

0

Last 180 Days

0

Since 2013

[Learn more](#)

### This record is from:

Web of Science Core Collection

- Emerging Sources Citation Index (ESCI)

### *Suggest a correction*

*If you would like to improve the quality of the data in this record, please [Suggest a correction](#)*

### 23 Cited References

Showing 23 of 23

[View as set of results](#)

*(from Web of Science Core Collection)*









© 2022  
Clarivate  
Training  
Portal  
Product  
Support

Data  
Correction  
Privacy  
Statement  
Newsletter

Copyright  
Notice  
Cookie  
Policy  
Terms of  
Use

Manage  
cookie  
preferences

Follow  
Us

