Advances in Neonatal Research: A Comprehensive Review

Jeem-ul Haq*

Department of Pediatric, University of Gulf, Bahrain

Abstract

Neonatal research plays a vital role in improving the health and well-being of infants born prematurely or with medical complexities. Over the past few decades, significant progress has been made in understanding neonatal physiology, developing innovative treatment modalities, and enhancing neonatal care practices. This review article aims to provide a comprehensive overview of key advancements in neonatal research from the year 2000 to the present. It covers topics such as preterm birth, respiratory distress syndrome, neonatal intensive care, neurodevelopmental outcomes, and ethical considerations. Through this examination, we highlight the transformative impact of neonatal research on the survival and long-term outcomes of vulnerable newborns.

Keywords: . ; . ; . ; . ;

Introduction

Preterm birth and its complications

35%

Respiratory distress syndrome (RDS)

Advances in neonatal intensive care

Neonatal neurodevelopment

*Corresponding author: Jeem-ul Haq, Department of Pediatric, University of Gulf, Bahrain, E-mail: haqjimul@gmail.com

Received: 01-July-2023, Manuscript No: nnp-23-107911; Editor assigned: 07-July-2023, Pre-QCNo: nnp-23-107911 (PQ); Reviewed: 21-July-2023, QCNo: nnp-23-107911; Revised: 24-July-2023, Manuscript No: nnp-23-107911(R); Published: 31-July-2023, DOI: 10.4172/2572-4983.1000327

Citation: Haq J (2023) Advances in Neonatal Research: A Comprehensive Review. Neonat Pediatr Med 9: 327.

Copyright: © 2023 Haq J. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Page 2 of 2

Neonat Pediatr Med, an open access journal ISSN: 2572-4983