



## Advancement Treatment for Neonatal Development

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### Abstract:

There are various risk factors to neonatal development during neonatal period at the first four weeks of a child's life. Neonatal development in this period, it presents critical in brain-nerve system maturation, cardiovascular and pulmonary development, this time for a child face to risks at developing of different diseases:

1. Fetal Diseases, as Fetal Nutrition Disorders or Fetal Oxygen Distress;
2. Hereditary Diseases, as Kartagener Syndrome or Cystic Fibrosis;
3. Congenital Abnormal Diseases, as Digestive System Abnormalities or Cardiovascular Abnormalities;
4. Newborn Diseases, as, Persistent Fetal Circulation Syndrome, Neonatal Respiratory Distress Syndrome. And Immunology Immaturity

Neonatal development has studied, and genetic reasons are in basic role to develop diseases of Hereditary Diseases and Congenital Defect or Newborn Diseases. Environmental risk factors are also observed to neonatal development, the risks to neonatal are either from maternal or from the child self by mediated with the factors of infection, nutrition or function immaturity.

The advance treatment in neonatal is applied in life support treatment with oxygen supply, monitor observation and warm keeping assistant machine; pharmacology therapy, surfactant replacement or nitric oxide inhalation therapy and ECMO in pulmonary cardiological support therapy to clinical abnormal presentation.

### Biography:

I, Dr. Yan Wang is a doctor and scientist in Medicine Science, I have Medicine Bachelor degree (M.D) in General Medicine and Pediatrics in 1990, and I also have Doctoral Philosophy Degree(Ph.D) in Emergency and Pulmonary Medicine in 1998 from the Fudan University Medical School in China. I have worked in postdoctoral Scholar



and investigator role in the United States of America since 2000 at the University of Miami Medicine School, Jefferson Healthy System Albert Einstein Medical Center and University of Pennsylvania Medicine School. I have critical working experience at the Imperial College in London in 2014. Currently I am attending doctor, professor, author, leader and committee member at hospitals, universities, organizations and Journal Presses with appointed positions.

I have published first-authored articles on peer-reviewed journals and conference abstracts about 100 products, I have written medical books over 10 books in English versions published in the United States or the United Kingdom. My publications reflect my contribution at Science, Medicine and special Pediatrics. As well, I have working experience at speeches, teaching-courses, textbook and news release during the past more than 25 years longer. Currently I am in charge of ongoing scholarly project as writing medical books and being organization committee; as I am in endeavor of awarded or honored in science achievement and spiritual life, it has included in my article and theory.

### Publication of speakers:

1. Hao, Li & Wang, Zhengzhen & Wang, Yan & Wang, Juan & Zeng, Zhipeng. (2020). Association between Cardiorespiratory Fitness, Relative Grip Strength with Non-Alcoholic Fatty Liver Disease. Medical science monitor : international medical journal of experimental and clinical research. 26. e923015. 10.12659/MSM.923015.

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