STANDARD TREATMENT WORKFLOW (STW)

Respiratory Distress in Neonates

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CITATION

Deorari AK, Kumar P, Adhisivam B, Sachdeva A, Jain A, Mehta A, Mallick AK, Yadaiah D, Chawla D, Gathwala G, Agrawal G, Kumutha J, Venkatnarayan K, Sankar MJ, Bharathi MS, Kabra V, Kler N, Gupta N, Plakkal N, Gohiya P, Agarwal R, Thakre R, Nanavati RN, Giridhar S, Kadam S, Verma S, Saini SS, Ramji S, Sivanandan S, Santhanam S, Murki S, Mariam SG, Jain S, Rao SPN, Nangia S, Som T, Sundaram V. Respiratory Distress in Neonates. Journal of the Epidemiology Foundation of India. 2024;2(1Suppl):S21-S22. DOI: https://doi.org/10.56450/JEFI.2024.v2i1Suppl.011

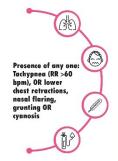
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Standard Treatment Workflow (STW) **RESPIRATORY DISTRESS IN NEONATES** ICD-10-P22.0



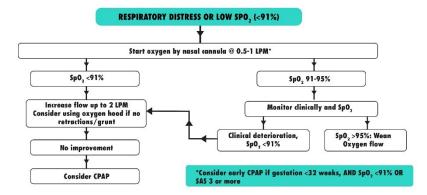
- the baby
 Admit the baby in SNCU/NICU
 Admit the baby in SNCU/NICU
 Nurse in a radiant warmer/incubator; monitor with continuous pulse oximetry
 Quantify the severity of RD using Silverman Anderson Score [SAS]
 Closely monitor RR, SAS, SpO2, and CFT
 Most neonates with RD can be fed enterally (by breastfeeding [if RR<70 bpm and not on respiratory support) or orogastric tube). Those with severe distress or any contraindication to enteral feeding should be given IV fluids

GOALS

- · To alleviate the work of breathing by providing appropriate respiratory support
- · To maintain oxygen saturations from 91% to 95%
- · Identify and treat the underlying cause

NARES DILATATION EXPIRATORY GRUNT - 6-2 # July JUST VISIBLE HEARD STETHO -0-Lynn SILVERMAN ANDERSON SCORE (SAS)

RESPIRATORY SUPPORT



ASSESS AND TREAT THE UNDERLYING CAUSE

- RESPIRATORY DISTRESS SYNDROME (RDS): Consider surfactant replacement therapy as per indication
- PNEUMONIA-SEPSIS: Treat with antibiotics as per unit's protocol (refer to sepsis STW)

ABBREVIATIONS

BW: Birth weight

CPAP: Continuous positive airway pressure CFT: Capillary filling time

GA: Gestational age IV: Intravenous

RR: Respiratory rate SAS: Silverman Anderson score

RD: Respiratory distress

REFERENCES

1. Oxygen therapy in neonates, and Surfactant Replacement therapy in neonates. Evidence-based Clinical Practice Guidelines. National natology Forum India. Available at www.nnfi.org/cpg

◆ PREVENT HYPOXIA AND HYPEROXIA

This STW has been prepared by national experts of India with feasibility considerations for various levels of healthcare system in the country. These broad guidelines are adviso are based on expert opinions and available sclentific evidence. There may be variations in the management of an individual patient based on his/her specific condition, as decident the treating physician. There will be no indemnity for direct or indirect consequences. Kindly visit the website of DHR for more information: (stw.icmr.org.in) for more informa properties of Health Research, Ministry of Health & Family Welfare, Government of India.

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