STANDARD TREATMENT WORKFLOW (STW)

Feeds & Fluids in Neonates

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CITATION

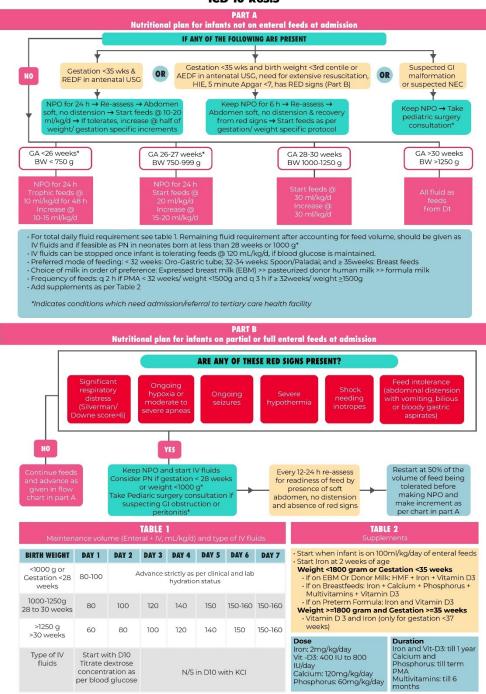
Deorari AK, Kumar P, Adhisivam B, Sachdeva A, Jain A, Mehta A, Mallick AK, Yadaiah D, Chawla D, Gathwala G, Agrawal G, Kumutha J, Venkatnarayan K, Sankar MJ, Bharathi MS, Kabra V, Kler N, Gupta N, Plakkal N, Gohiya P, Agarwal R, Thakre R, Nanavati RN, Giridhar S, Kadam S, Verma S, Saini SS, Ramji S, Sivanandan S, Santhanam S, Murki S, Mariam SG, Jain S, Rao SPN, Nangia S, Som T, Sundaram V. Feeds & Fluids in Neonates. Journal of the Epidemiology Foundation of India. 2024;2(1Suppl):S27-S28. DOI: https://doi.org/10.56450/JEFI.2024.v2i1Suppl.014
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Standard Treatment Workflow (STW) **FEEDS & FLUIDS IN NEONATES** ICD-10-R63.3



- $\cdot \mathsf{Table}\,\mathsf{1}\,\mathsf{is}\,\mathsf{a}\,\mathsf{general}\,\mathsf{guide}\,\mathsf{and}\,\mathsf{daily}\,\mathsf{increments}\,\mathsf{may}\,\mathsf{be}\,\mathsf{based}\,\mathsf{on}\,\mathsf{daily}\,\mathsf{weight}\,\mathsf{change},\mathsf{urine}\,\mathsf{output},\mathsf{serum}\,\mathsf{sodium}\,\mathsf{and}\,\mathsf{daily}\,\mathsf{$
- co-morbidities such as PDA or sepsis

 Daily increments of feed should be based on tolerance and weight gain.

 Monitor growth by regular measurement of weight and head circumference. Once full feeds have been achieved, preterm neonates are expected to gain weight @ 10-20 g/kg/day. Plot the growth parameters on intergrowth 21st postnatal charts for preterm neonates
- If not gaining weight adequately on exclusive enteral feeds, after 2 weeks of life, feed volume may be increased gradually upto 200-250 mL/kg/d as per tolerance

ABBREVIATIONS NEC: Necrotizing enterocolitis PDA: Patent ductus arteriosus PMA: Post menstrual age AEDF: Absent end diastolic flow PN: Parenteral nutrition REDF: Reversed end diastolic flow HIE: Hypoxic ischemic encephalopathy HMF: Human milk fortifiers **●** EARLY AND AGGRESSIVE ENTERAL FEEDING BY BREASTMILK DECREASES MORTALITY AND MORBIDITY

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 advisory, and are based on expert opinions and available scientific evidence. There may be variations in the management of an individual patient based on his/her specific condition, as decided by the treating physician. There will be no indemnity for direct or indirect consequences. Kindly visit the website of DHR for more information. (stwi.cmr.org.in) for more information.

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