

Newborn Target Product Profiles (TPPs)

Providers in low-resource settings often lack the tools needed to deliver quality newborn care



The Newborn Technology Landscape is a [publicly available document](#) highlighting technologies that are either commercially available or in development

There is an urgent need for neonatal technologies that are affordable, rugged, effective & simple to use



Newborn Target Product Profiles (TPPs) define characteristics for innovations that are needed to support the care of newborns in hospitals in low-resource settings

TPPs were created for 16 product categories

Hydration,
Nutrition, and
Drug Delivery



Jaundice
Management



Point-of-Care
Diagnostics



Infection
Prevention
and Control



Respiratory
Support



Thermal
Management



1. Syringe Pump

2. Bilirubinometer

3. Phototherapy

4. Glucometer

5. Hemoglobinometer

6. pH Monitor

7. Sepsis Diagnostic ¹

8. CPAP

9. Flow Splitter

10. Oxygen
Concentrator

11. Pulse Oximeter

12. Respiratory
Rate/Apnea Monitor

13. Suction Pump

14. Radiant Warmer

15. Temperature
Monitor

16. Conductive
Warmer


An extensive Delphi-like process informed the development of the TPPs




Key stakeholders - clinicians, implementers, representatives from Ministry of Health, advocacy organizations, international agencies, academic and technical researchers and members of industry – played an active role in the development of the TPPs


The TPPs are available as a public good on the UNICEF website [here](#)


The screenshot shows the UNICEF website interface. At the top, the UNICEF logo and tagline "for every child" are on the left, and navigation buttons for "EXPLORE UNICEF", "PRESS CENTRE", and "DONATE" are on the right. Below this is a horizontal menu with categories: "WHAT WE DO", "FOR SUPPLIERS AND SERVICE PROVIDERS", "FOR GOVERNMENTS AND PARTNERS", "STORIES", "TAKE ACTION", and "SEARCH". The main content area features a document icon and the title "Target Product Profile: Newborn Care". Below the title is a subtitle: "In collaboration with UNICEF, NEST360 is driving the development of TPPs for newborn care." To the left of the main content is a sidebar with the heading "About" and the text "Issued in April 2020". The main content area also has a "Download the document" section with a dropdown menu set to "All TPPs" and a "DOWNLOAD FILE" button. Below the button, it indicates "(PDF, 3,33 MB)".

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Supply Division



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WHAT WE DO FOR SUPPLIERS AND SERVICE PROVIDERS FOR GOVERNMENTS AND PARTNERS STORIES TAKE ACTION SEARCH 

 Document

Target Product Profile: Newborn Care

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Target Product Profiles

FOR NEWBORN CARE IN LOW-RESOURCE SETTINGS


CONSENSUS MEETING REPORT, MARCH 2020

About

Issued in April 2020

In collaboration with UNICEF, NEST360 is driving the development of target product profiles for newborn care in low-resource settings. Through a delphi-like process that culminated in an in-person consensus meeting, the TPPs were developed listing a proposed set of performance and operational characteristics for 16 newborn products across 6 product categories: Hydration, Nutrition and Drug Delivery; Jaundice Management; Point-of-Care Diagnostics; Infection Prevention and Control; Respiratory Support; and Thermal Management.

Download the document

All TPPs 

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