Supplemental Online Content

McGowan EC, Hofheimer JA, O'Shea TM, et al. Analysis of neonatal neurobehavior and developmental outcomes among preterm infants. *JAMA Netw Open.* 2022;5(7):e2222249. doi:10.1001/jamanetworkopen.2022.22249

eTable. Two-Year Neurodevelopmental and Behavioral Outcomes by Medical Risk and Behavior Risk
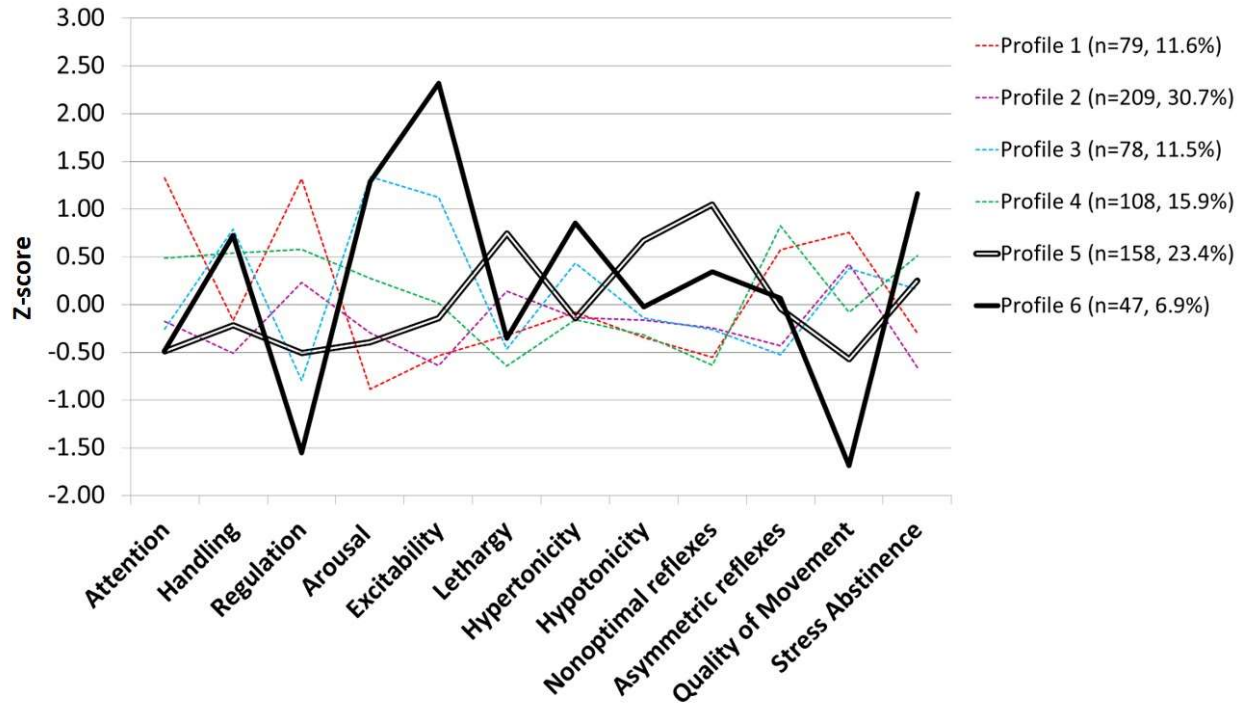
eFigure. NNNS Profiles

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable. Two-Year Neurodevelopmental and Behavioral Outcomes by Medical Risk* and Behavior Risk**				
Outcome	**Low Behavior Risk + Low Medical Risk**	**Low Behavior Risk + High Medical Risk**	**High Behavior Risk + Low Medical Risk**	**High Behavior Risk + High Medical Risk**
Bayley-III[a]	**n=299**	**n=76**	**n=106**	**n=38**
Cognitive composite < 85	60 (20.1%)	22 (28.9%)	24 (22.6%)	20 (52.6%)
Language composite < 85	101 (33.8%)	37 (48.7%)	40 (37.7%)	21 (55.3%)
Motor composite < 85	31 (10.4%)	27 (35.5%)	20 (18.9%)	20 (52.6%)
Child Behavior Checklist (CBCL)[a]	**n=308**	**n=79**	**n=113**	**n=44**
Internalizing T-Score >63	19 (6.2%)	5 (6.3%)	13 (11.5%)	6 (13.6%)
Externalizing T-Score >63	28 (9.1%)	7 (8.9%)	14 (12.4%)	4 (9.1%)
Total Problem Score >63	23 (7.5%)	8 (10.1%)	16 (14.2%)	6 (13.6%)

* Medical risks include the following neonatal morbidities: chronic lung disease, brain injury (parenchymal echodensity, periventricular leukomalacia, ventricular dilation),
 necrotizing enterocolitis/sepsis, severe retinopathy of prematurity. **Low medical risk** defined as ≤ 1 morbidity, **high medical risk** defined as ≥ 2 morbidities.

** Behavioral risk grouped by NNNS profiles: **low behavioral risk** defined as Profiles 1-4, **high behavioral risk** defined as Profile 5-6

eFigure. NNNS Profiles

Profiles 5 & 6 high risk behavioral profiles