Supplementary Online Content

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This supplementary material has been provided by the authors to give readers additional information about their work.
eFigure. Map of 58 participating hospitals in Chinese Neonatal Network
**eTable 1. Morbidities of very preterm infants (<32°0 weeks' gestation) admitted to 57 Chinese NICUs and discharged against medical advice**

|                | Total | ≤23 weeks | 24 weeks | 25 weeks | 26 weeks | 27 weeks | 28 weeks | 29 weeks | 30 weeks | 31 weeks |
|----------------|-------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| **N**          | 1381  | 9         | 40       | 68       | 126      | 179      | 239      | 213      | 252      | 255      |
| IVH≥grade 3 or cystic PVL<sup>a</sup> | 193/840 (23.0%) | 2/4 (50.0%) | 10/24 (41.7%) | 9/33 (27.3%) | 32/72 (44.4%) | 30/108 (27.8%) | 32/138 (23.2%) | 27/136 (19.9%) | 28/160 (17.5%) | 23/165 (13.9%) |
| BPD<sup>b</sup> | 1026/1375 (74.6%) | 9/9 (100.0%) | 40/40 (100.0%) | 65/68 (95.6%) | 119/125 (95.2%) | 160/179 (89.4%) | 192/237 (81.0%) | 147/212 (69.3%) | 163/251 (64.9%) | 131/254 (51.6%) |
| NEC≥stage 2    | 93/1381 (6.7%) | 0/9 (0.0%) | 1/40 (2.5%) | 6/68 (8.8%) | 2/126 (1.6%) | 14/179 (7.8%) | 15/239 (6.3%) | 17/213 (8.0%) | 26/252 (10.3%) | 12/255 (4.7%) |
| Sepsis         | 107/1381 (7.7%) | 0/9 (0.0%) | 4/40 (10.0%) | 7/68 (10.3%) | 12/126 (9.5%) | 22/179 (12.3%) | 17/239 (7.1%) | 20/213 (9.4%) | 16/252 (6.3%) | 9/255 (3.5%) |
| ROP≥stage 3<sup>c</sup> | 22/500 (4.4%) | N/A | 0/6 (0.0%) | 0/6 (0.0%) | 5/29 (17.2%) | 4/59 (6.8%) | 5/84 (6.0%) | 2/85 (2.4%) | 3/117 (2.6%) | 3/115 (2.6%) |

<sup>a</sup> IVH and PVL was evaluated among infants with neuroimaging results.

<sup>b</sup> BPD was defined as ventilation or oxygen dependency at 36 weeks’ postmenstrual age or at discharge/transfer/death if before 36 weeks. Respiratory support on 6 infants were not available.

<sup>c</sup> ROP was evaluated among infants with eye examinations.

Abbreviations: NICU, neonatal intensive care unit; IVH, intraventricular hemorrhage; PVL, periventricular leukomalacia; BPD, bronchopulmonary dysplasia; NEC, necrotizing enterocolitis; ROP, retinopathy of prematurity
**Table 2. Morbidities of all very preterm infants (<32 weeks' gestation) admitted to 57 Chinese NICUs**

| Morbidity                      | Total       | ≤23 weeks | 24 weeks | 25 weeks | 26 weeks | 27 weeks | 28 weeks | 29 weeks | 30 weeks | 31 weeks |
|-------------------------------|-------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| N=9552                        | N=32        | N=92      | N=451    | N=842    | N=1424   | N=1783   | N=2169   | N=2530   |          |          |
| IVH≥grade 3 or cystic PVL     | 938/8029    | 6/15      | 19/62    | 44/163   | 85/358   | 122/680  | 161/1197 | 171/1548 | 180/1848 | 150/2158 |
|                               | (11.7%)     | (40.0%)   | (30.6%)  | (27.0%)  | (23.7%)  | (17.9%)  | (13.5%)  | (11.0%)  | (9.7%)   | (7.0%)   |
| BPD                           | 3405/9523   | 30/32     | 82/92    | 175/226  | 323/450  | 469/842  | 651/1416 | 606/1780 | 574/2166 | 495/2519 |
|                               | (35.8%)     | (93.8%)   | (89.1%)  | (77.4%)  | (71.8%)  | (55.7%)  | (46.0%)  | (34.0%)  | (26.5%)  | (19.7%)  |
| NEC≥stage 2                   | 496/9552    | 0/32      | 5/92     | 23/229   | 21/451   | 60/842   | 82/1424  | 88/1783  | 121/2169 | 96/2530  |
|                               | (5.2%)      | (0%)      | (5.4%)   | (10.0%)  | (4.7%)   | (7.1%)   | (5.8%)   | (4.9%)   | (5.6%)   | (3.8%)   |
| Sepsis                        | 871/9552    | 4/32      | 11/92    | 38/229   | 58/451   | 104/842  | 169/1424 | 188/1783 | 152/2169 | 147/2530 |
|                               | (9.1%)      | (12.5%)   | (12.0%)  | (16.6%)  | (12.9%)  | (12.4%)  | (11.9%)  | (10.5%)  | (7.0%)   | (5.8%)   |
| ROP≥stage 3                   | 318/7351    | 2/4       | 11/33    | 31/124   | 50/311   | 49/634   | 66/1128  | 41/1495  | 39/1740  | 29/1882  |
|                               | (4.3%)      | (50.0%)   | (33.3%)  | (25.0%)  | (16.1%)  | (7.7%)   | (5.9%)   | (2.7%)   | (2.2%)   | (1.5%)   |

* IVH and PVL was evaluated among infants with neuroimaging results.
* BPD was defined as ventilation or oxygen dependency at 36 weeks’ postmenstrual age or at discharge/transfer/death if before 36 weeks. Respiratory support on 29 infants were not available.
* ROP was evaluated among infants with eye examinations.

Abbreviations: NICU, neonatal intensive care unit; IVH, intraventricular hemorrhage; PVL, periventricular leukomalacia; BPD, bronchopulmonary dysplasia; NEC, necrotizing enterocolitis; ROP, retinopathy of prematurity
**eTable 3. Survival to discharge for all very preterm infants (<32 weeks' gestation) admitted to 57 Chinese NICUs**

| Survival                  | Total  | ≤23 weeks | 24 weeks | 25 weeks | 26 weeks | 27 weeks | 28 weeks | 29 weeks | 30 weeks | 31 weeks |
|---------------------------|--------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| N=9552                    | 8370   | 5 (15.6%) | 31 (33.7%) | 125 (54.6%) | 312 (69.2%) | 642 (76.2%) | 1206 (84.7%) | 1622 (91.0%) | 2024 (93.3%) | 2403 (95.0%) |
| Survival without major morbidity | 4947   | 0 (0.0%) | 4 (4.3%) | 22 (9.6%) | 84 (18.6%) | 268 (31.8%) | 567 (39.8%) | 927 (52.0%) | 1316 (60.7%) | 1759 (69.5%) |