**Supplemental Digital Content 2.** Studies reporting SARS-CoV-2 testing and outcomes among neonates with perinatal COVID-19 exposure by country, author, and study type

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| **Country** | **Author (date)** | **Study type** | **Neonates, n** | | **Neonates with positive SARS-CoV-2 PCR testing by source, n/total n tested (%)** | | **Neonates with positive maternal SARS-CoV-2 PCR testing by source, n/total n tested (%)** | **Disposition, n (%)** | |
| Argentina/ Colombia/ Dominican Republic/Ecuador/Equatorial Guinea/Honduras/Perua | Sola et al.  (07-XX-2020) | Retrospective cohort study | 86 | | Unspecified, 6/86 (7) | |  | Home, 78/80 (98)  Death, 2/86 (2) | |
| Australia | Lowe et al.  (04-15-2020) | Case report | 1 | | Unspecified, 0/1 | |  | Home, 1/1 (100) | |
| Belgium | Piersigilli et al.  (05-07-2020) | Case report | 1 | | NP swab, 1/1 (100) | | Breast milk, 0/1 | Admitted, 1/1 (100) | |
| Brazil | Reis et al.  (07-13-2020) | Case report | 2 | | NP swab, 0/2 | |  | Home, 2/2 (100) | |
| Brazil | Tutiya et al.  (06-27-2020) | Case report | 2 | | NP swab, 0/2 | |  | Admitted, 1/2 (50)  Death, 1/2 (50) | |
| Canada/ France | Vlachodimitropoulou Koumoutsea et al.  (04-17-2020); Kirtsman (05-14-2020) | Case series | 2 | | NP swab, 1/1 (100)  Stool, 1/1 (100)  Plasma, 1/1 (100) | | Placental swab, 1/1 (100)b  Placental tissue, 1/1 (100)a  Vaginal swab, 1/1 (100)  Breast milk, 1/1 (100) | Home, 1/2 (50)  No neonatal deaths, otherwise not reported, 1/2 (50) | |
| China | An et al.  (05-06-2020) | Case series | 3 | | OP swab, 0/3  Anal swab, 0/3 | |  | No neonatal deaths, otherwise not reported | |
| China | Cao et al.  (04-23-2020) | Retrospective cohort study | 10 | | OP swab, 0/5 | |  | No neonatal deaths, otherwise not reported | |
| China | Chen et al.  (02-12-2020) | Case series | 9 | | OP swab, 0/6 | | Cord blood, 0/6  Amniotic fluid, 0/6  Breast milk, 0/6 | No neonatal deaths, otherwise not reported | |
| China | Chen et al.  (03-02-2020) | Case series | 2 | | OP swab, 0/2 | | Placental tissue, 0/2 | Home, 2/2 (100) | |
| China | Chen et al.  (03-16-2020a) | Case series | 17 | | NP swab, 0/17 | |  | Home, 17/17 (100) | |
| China | Chen et al.  (03-16-2020b) | Case series | 2 | | OP swab, 0/2 | |  | Home, 2/2 (100) | |
| China | Chen et al.  (03-28-2020) | Case series | 5 | | Unspecified, 0/5 | |  | No neonatal deaths, otherwise not reported | |
| China | Cheng et al.  (07-11-2020) | Retrospective cohort study | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise not reported | |
| China | Dong et al.  (07-03-2020) | Case report | 1 | | OP swab, 0/1 | | Vaginal swab, 0/1  Breast milk, 0/1  Serum, 0/1  Stool, 0/1  Urine 0/1 | No neonatal death, otherwise note reported | |
| China | Du et al.  (05-19-2020) | Case report | 1 | | Not reportedc | |  | Home, 1/1 (100) | |
| China | Fan et al.  (03-17-2020) | Case series | 2 | | NP swab, 0/2 | | Cord blood, 0/2  Amniotic fluid, 0/2  Placental tissue, 0/2  Vaginal swab, 0/2  Serum, 0/2  Breast milk, 0/2 | Home, 2/2 (100) | |
| China | Gao et al.  (08-06-2020) | Case report | 1 | | OP swab, 1/1 (100)  Anal swab, 1/1 (100) | | Amniotic fluid, 0/1  Placental tissue, 0/1 | No neonatal deathd | |
| China | Hu et al.  (08-14-2020) | Case series | 4 | | OP swab, 0/4  Gastric aspirate, 0/3  Stool, 0/4  Anal swab, 0/4  Urine, 0/4 | | Amniotic fluid, 0/1  Cord blood, 0/1  Breast milk, 0/3e | Home, 3/4 (75)  Admitted, 1/1 (25) | |
| China | Huang et al.  (05-15-2020) | Case series | 6f | | OP swab, 0/6 | |  | Died, 1/6 (17)  No deaths, otherwise not reported, 5/6 (83) | |
| China | Khan et al.  (03-19-2020) | Case series | 3 | | OP swab, 0/3 | | Cord blood, 0/3 | Admitted, 2/2 (100) | |
| China | Lang et al.  (05-08-2020) | Case report | 1 | | OP swab, 0/1  Stool, 0/1  Urine, 0/1  Blood, 0/1 | | Cord blood, 0/1  Amniotic fluid, 0/1  Placental tissue, 0/1  Stool, 0/1  Urine, 0/1  Serum, 0/1  Breast milk, 0/1 | Home, 1/1 (100) | |
| China | Li et al.  (03-07-2020) | Case report | 1 | | OP swab, 0/1  Stool, 0/1  Urine, 0/1  Serum, 0/1 | | Cord blood, 0/1  Amniotic fluid, 0/1  Placental tissue, 0/1  Stool, 0/1  Urine, 0/1  Serum, 0/1  Breast milk, 0/1 | Home, 1/1 (100) | |
| China | Liao et al.  (03-26-2020) | Case report | 1 | | OP swab, 0/1  Anal swab, 0/1  Serum, 0/1 | | Cord blood, 0/1  Amniotic fluid, 0/1  Placental tissue, 0/1 | Not reported | |
| China | Liu et al.  (03-05-2020) | Case series | 9 | | Not reportedg | |  | No neonatal deaths, otherwise not reported | |
| China | Liu et al.  (04-13-2020) | Case series | 10 | | OP swab, 0/10h  Gastric aspirate, 0/10  Stool, 0/10  Urine, 0/10 | | Cord blood, 0/10  Amniotic fluid, 0/10 | No neonatal deaths, otherwise not reported | |
| China | Lu et al.  (04-24-2020) | Case report | 1 | | NP swab, 0/1  OP swab, 0/1  Blood, 0/1 | |  | Home, 1/1 (100) | |
| China | Lv et al.  (08-05-2020) | Case report | 1 | | OP swab, 0/1  Gastric aspirate, 0/1  Anal swab, 0/1 | | Amniotic fluid, 0/1  Placental tissue, 0/1  Cord blood, 0/1  Anal swab, 0/1 | Home, 1/1 (100) | |
| China | Nawsherwan et al.  (06-22-2020) | Case series | 3 | | NP swab, 0/3 | |  | Neonatal death, 0/2; otherwise not reported | |
| China | Peng et al.  (04-11-2020) | Case report | 1 | | OP swab, 0/1  Sputum, 0/1  Anal swab, 0/1  Urine, 0/1  Serum, 0/1 | | Cord blood, 0/1  Amniotic fluid, 0/1  Placental tissue, 0/1  Vaginal swab, 0/1  Anal swab, 0/1  Serum, 0/1  Breast milk, 0/1 | Home, 1/1 (100) | |
| China | Sun et al.  (04-28-2020) | Case series | 3 | | Unspecified, 0/2i | |  | Home, 1/3 (33)  Not reported, 2/3 (67) | |
| China | Tang et al.  (07-28-2020)j | Case report | 1 | | OP swab, 0/1  Anal swab, 0/1 | |  | Home, 1/1 (100) | |
| China | Wang et al.  (02-28-2020) | Case report | 1 | | OP swab, 0/1  Gastric aspirate, 0/1  Stool, 0/1 | | Cord blood, 0/1  Amniotic fluid, 0/1  Placental tissue, 0/1 | No neonatal death, otherwise not reported | |
| China | Wang et al.  (03-12-2020) | Case report | 1 | | OP swab, 1/1 (100) | | Cord blood, 0/1  Placental tissue, 0/1  Breast milk, 0/1 | Home, 1/1 (100) | |
| China | Wu et al.  (04-08-2020) | Retrospective cohort study | 17k | | Unspecified, 0/3 | |  | No neonatal deaths, otherwise not reported | |
| China | Xia et al.  (03-17-2020) | Case report | 1 | | OP swab, 0/1 | |  | Not reported | |
| China | Xiong et al.  (04-10-2020) | Case report | 1 | | OP swab, 0/1  Rectal swab, 0/1 | | Amniotic fluid, 0/1  Cervical secretions, 0/1  Rectal swab, 0/1  Breast milk, 0/1 | Home, 1/1 (100) | |
| China | Xu et al.  (04-28-2020) | Case report | 3 | | OP swab, 0/3 | |  | No neonatal deaths, otherwise not reported | |
| China | Yu et al.  (03-24-2020) | Case series | 6l | | OP swab, 0/2 | |  | Home, 4/6 (67)  No deaths, otherwise not reported, 2/6 (33) | |
| China | Zeng et al.  (03-26-2020a) | Case series | 6 | | OP swab, 0/6  Blood, 0/6 | |  | No neonatal deaths, otherwise not reported | |
| China | Zeng et al.  (03-26-2020b) | Prospective cohort study | 33 | | NP swab, 3/33 (9)  Anal swab, 3/33 (9) | |  | No neonatal deaths, otherwise not reported | |
| China | Zhang et al.  (03-31-2020) | Case report | 1 | | None reported | |  | Died, 1/1 (100) | |
| China | Zheng et al.  (07-17-2020) | Case report | 2 | | NP swab, 0/2  OP swab, 0/2  Anal swab, 0/2  Urine, 0/2 | |  | Home, 2/2 (100) | |
| China | Zhu et al.  (02-XX-2020) | Case series | 10 | | OP swab, 0/9 | |  | Admitted, 4/10 (40)  Home, 5/10 (50)  Died, 1/10 (10) | |
| France | Abasse et al.  (08-03-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | Home, 1/1 (100) | |
| France | Federici et al.  (08-11-2020) | Case report | 1 | | NP swab, 0/1 | |  | No neonatal death, otherwise not reported | |
| France | Fiore et al.  (08-06-2020) | Case report | 1 | | NP swab, 0/1 | |  | Home, 1/1 (100) | |
| France | Sentilhes et al.  (06-15-2020) | Retrospective cohort study | 17 | | OP swab, 0/17  Anal swab, 0/17 | |  | Home, 14/17 (82)  Admitted, 3/17 (18) | |
| France | Vivanti et al.  (07-06-2020) |  | 35m | | NP swab, 0/35 | |  | No neonatal death | |
| France | Vivanti et al.  (07-14-2020) | Case report | 1 | | NP swab, 1/1 (100)  Tracheal secretions, 1/1 (100)  Anal swab, 1/1 (100)  CSF, 0/1  Blood, 1/1 (100) | | Amniotic fluid, 1/1 (100)  Placenta, 1/1 (100)  Vaginal swab, 1/1 (100)  Blood, 1/1 (100) | Home, 1/1 (100) | |
| Germany | Gross et al.  (05-21-2020) | Case report | 1 | | NP swab, 1/1 (100) | | Breast milk, 0/1 | Home, 1/1 (100) | |
| Germany | Lorenz et al.  (05-12-2020) | Case report | 1 | | NP swab, 1/1 (100)  Rectal swab, 1/1 (100)  CSF, 0/1 | |  | Home, 1/1 (100) | |
| Honduras | Zambrano et al.  (03-25-2020) | Case report | 1 | | NP swab, 0/1  Blood, 0/1 | |  | Not reported | |
| India | Jain et al.  (06-05-2020) | Case report | 2 | | Unspecified, 0/1  NP swab, 0/1 | |  | Home, 2/2 (100) | |
| India | Nayak et al.  (07-02-2020) | Retrospective cohort study | 131 | | Unspecified, 3/131 (2) | |  | Neonatal death, 0/107; otherwise not reported | |
| India | Sharma et al.  (04-23-2020) | Case report | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise not reported | |
| Iran | Alzamora et al.  (04-18-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | No neonatal death, otherwise not reported | |
| Iran | Hantoushzadeh et al.  (04-28-2020) | Case series | 6 | | NP swab, 1/1 (100)  OP swab, 0/5 | |  | Admitted, 1/6 (17)  Died, 2/6 (33)  Not reported, 3/6 (50) | |
| Iran | Schwartz et al.  (08-12-2020) | Case series | 10 | | Unspecified, 1/10 (10)  NP swab, 7/9 (77)  OP swab, 1/1 (100) | | Amniotic fluid, 0/1  Vaginal swab, 0/1 | Home, 6/9 (66)  Death, 3/10 (33) | |
| Iran | Taghizadieh et al.  (05-13-2020) | Case report | 1 | | Unspecified, 0/1 | |  | Home, 1/1 (100) | |
| Iran | Zamaniyan et al.  (04-17-2020) | Case report | 1 | | NP swab, 1/1 (100)  OP swab, 1/1 (100) | | Cord blood, 0/1  Amniotic fluid, 1/1 (100)  Vaginal secretions, 0/1 | Not reported | |
| Iraq | Al-kuraishy  (04-21-2020) | Case report | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise not reported | |
| Italy | Algeri et al.  (07-15-2020) | Case series | 4 | | OP swab, 0/4 | |  | No neonatal deaths, otherwise not reported | |
| Italy | Buonsenso et al.  (05-02-2020) | Case series | 2 | | NP swab, 0/2n | | Cord blood, 1/2 (50)  Amniotic fluid, 0/2  Placental tissue, 1/2 (50)  Breast milk, 1/2 (50) | Home, 2/2 (100) | |
| Italy | Carosso et al.  (04-14-2020) | Case report | 1 | | NP swab, 1/1 (100) | | Placental tissue, 0/1  Vaginal swab, 0/1  Rectal swab 1/1 (100)  Stool swab, 1/1 (100)  Breast milk, 0/1 | Not reported | |
| Italy | De Socio et al.  (05-01-2020) | Case report | 1 | | OP swab, 0/1 | | Breast milk, 0/1 | Home, 1/1 (100) | |
| Italy | Ferraiolo et al.  (06-22-2020) | Case report | 1 | | NP swab, 0/1 | | Placenta, 1/1 (100) | Home, 1/1 (100) | |
| Italy | Ferrazzi et al.  (04-27-2020) | Retrospective cohort study | 42 | | Unspecified, 3/42 (7) | |  | No neonatal deaths, otherwise not reported | |
| Italy | Gagliardi et al.  (05-12-2020) | Case series | 3 | | None reported | |  | No neonatal deaths, otherwise no reported | |
| Italy | Martinelli et al.  (04-20-2020) | Case series | 1 | | None reported | |  | Not reported | |
| Italy | Marzollo et al.  (07-2020) | Case report | 1 | | NP swab, 1/1 (100)  Bronchial aspirate, 1/1 (100)  Anal swab, 1/1 (100) | |  | Home, 1/1 (100) | |
| Italy | Perrone et al.  (05-11-2020) | Case series | 3 | | NP swab, 0/2 | | Placental swab, 0/1 | Home, 3/3 (100) | |
| Italy | Proietti et al.  (08-01-2020) | Case report | 1 | | Not reported, 1/1 (100) | |  | No neonatal death, otherwise not reported | |
| Italy | Sinelli et al.  (05-04-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | Home, 1/1 (100) | |
| Japan | Ochiai et al.  (06-25-2020) | Retrospective cohort study | 2 | | Unspecified, 0/2 | |  | No neonatal deaths, otherwise not reported | |
| Jordan | AlZaghal et al.  (05-01-2020) | Case report | 1 | | NP swab, 0/1 | | Breast milk, 0/1 | Home, 1/1 (100) | |
| Jordan | Bani Hani et al.  (06-12-2020) | Case report | 1 | | Unspecified, 0/1 | |  | Not reported | |
| Morocco | Abourida et al.  (07-27-2020) | Case report | 1 | | NP swab, 0/1 | |  | Died, 1/1 (100) | |
| Netherlands | Grimminck et al.  (6-30-20) | Case report | 1 | | OP swab, 0/1 | | Placenta, 0/1  Vaginal swab, 0/1 Urine, 0/1 | Home, 1/1 (100) | |
| Netherlands | Tang et al.  (05-23-2020) | Case report | 1 | | Not reported, 1/1 (100) | |  | No neonatal death, otherwise not reported | |
| Nigeria | Makwe et al.  (06-16-2020) | Case report | 1 | | NP swab, 0/1 | |  | Home, 1/1 (100) | |
| Portugal | Doria et al.  (05-15-2020) | Case series | 11 | | Unspecified, 0/11 | |  | No neonatal death, otherwise not reported | |
| Portugal | Figueirido et al.  (08-11-2020) | Case report | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise note reported | |
| Portugal | Lyra et al.  (04-20-2020) | Case report | 1 | | NP swab, 0/1  OP swab, 0/1 | | Collected but not processed (amniotic fluid, placental tissue, breast milk) | Home, 1/1 (100) | |
| Portugal | Pissarra et al.  (07-23-2020) | Case series | 10 | | NP swab, 0/10  Bronchial aspirate, 0/10 | |  | Home, 10/10 (100) | |
| Portugal | Polónia-Valente et al.  (05-11-2020) | Case report | 1 | | NP swab, 0/1  OP swab, 0/1 | |  | Admitted, 1/1 (100) | |
| South Korea | Lee et al.  (03-31-2020) | Case report | 1 | | NP swab, 0/1 | | Cord blood, 0/1  Amniotic fluid, 0/1  Placental tissue, 0/1 | Home, 1/1 (100) | |
| Spain | Díaz et al.  (04-01-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | Admitted, 1/1 (100) | |
| Spain | Gregorio-Hernandez et al. (6-5-20) | Case report | 1 | | NP swab, 0/1  Bronchial aspirate, 1/1 (100) | |  | Home, 1/1 (100) | |
| Spain | Herraiz et al.  (07-20-20) | Retrospective cohort stuy | 2 | | Not reported, 2/2 (100) | |  | No neonatal deaths, otherwise not reported | |
| Spain | Martinez-Perez et al.  (06-08-20) | Retrospective cohort study | 82 | | Not reported, 10/82 (12)  NP swab, 5/72 (7) | |  | No neonatal deaths, otherwise not reported | |
| Spain | Pereira et al.  (05-22-2020) | Retrospective cohort study | 23 | | NP swab, 0/23 | | Placenta, 0/6 | Home, 22/23 (96)  Not reported, 1/23 (4) | |
| Spain | San Juan et al.  (06-15-2020) | Retrospective cohort study | 6 | | NP swab, 0/6 | |  | Home, 5/6 (83)  Admitted, 1/6 (17)  No neonatal deaths | |
| Sweden | Gidlöf et al.  (04-06-2020) | Case report | 2 | | NP swab, 0/2 | | Vaginal swab, 0/1o  Breast milk, 0/1 | No neonatal deaths, otherwise not reported | |
| Sweden | Kolkova et al.  (07-08-2020) | Case report | 1 | | NP swab, 0/1 | |  | No neonatal death, otherwise not reported | |
| Turkey | Bastug et al.  (08-06-2020) | Case report | 1 | | NP swab, 1/1 (100)  Stool, 1/1 (100)  Blood, 1/1 (100) | | Breast milk, 1/1 (100) | Home, 1/1 (100) | |
| Turkey | Kalafat et al.  (04-06-2020) | Case report | 1 | | Unspecified, 0/1 | | Cord blood, 0/1  Placental tissue, 0/1  Breast milk, 0/1 | Not reported | |
| Turkey | Oncel et al.  (08-10-2020) | Prospective cohort study | 125 | | NP swab, 3/120 (3)  Bronchial aspirate, 1/9 (11)  Blood, 0/3  Stool, 0/2 | | Amniotic fluid, 0/4  Placenta, 0/5  Breast milk, 0/5 | Died, 1/125 (1)  Home, 124/125 (99) | |
| Turkey | Sahin et al.  (07-18-2020) | Prospective cohort study | 10 | | NP swab, 0/10  OP swab, 0/10 | | Breast milk, 0/10 | No neonatal deaths in 7/10 infants; otherwise disposition not reported | |
| Turkey | Tanacan et al.  (07-30-2020) | Prospective cohort study | 3 | | Unspecified, 0/3 | |  | Not reported | |
| Turkey | Uzel et al. | Case report | 1 | | Unspecified, 0/1 | |  | Died, 1 (100) | |
| Turkey | Yilmaz et al.  (05-29-2020) | Case report | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise not reported | |
| United Kingdom | Ahmed et al.  (8-11-2020) | Case report | 1 | | Not reported | |  | Asymptomatic at birth, no disposition reported | |
| United Kingdom | Antoun et al.  (07-15-2020) | Prospective cohort study | 20 | | Not reported, 13/20 (65)  NP swab, 0/7  OP swab, 0/4 | |  | No neonatal deaths  Home, 1/1 reported | |
| United Kingdom | Cooke et al.  (05-14-2020) | Case report | 2 | | Unspecified, 0/2 | |  | Admitted, 2/2 (100) | |
| United Kingdom | Demirjian et al.  (07-10-2020) | Case report | 1 | | NP swab, 1/1 (100)  Sputum, 0/1  Stool, 1/1 (100)  CSF, 0/1  Blood, 1/1 (100)  Urine, 0/1 | | Serum, 1/1 | Home, 1/1 (100) | |
| United Kingdom | Govind et al.  (05-07-2020) | Case series | 9 | | NP swab, 1/9 (11) | | Amniotic fluid, 0/1  Placental swab, 0/1 | No neonatal deaths, otherwise not reported | |
| United Kingdom | Khalil et al.  (05-07-2020) | Case series | 9 | | None reported | |  | Home, 9/9 (100) | |
| United Kingdom | Kuhrt et al.  (05-08-2020) | Case report | 2 | | Unspecified, 0/2 | |  | No neonatal deaths, otherwise not reported | |
| United Kingdom | McDevitt et al.  (06-19-2020) | Case series | 1 | | NP swab, 1/1 (100) | |  | No neonatal death, otherwise not reported | |
| United States | Algarroba et al.  (05-13-2020) | Case report | 1 | | Unspecified, 0/1 | |  | Not reported | |
| United States | Baergen et al.  (05-12-2020) | Case series | 21 | | Unspecified, 0/21 | |  | Home, 21/21 (100) | |
| United States | Blauvelt et al.  (05-08-2020) | Case report | 1 | | NP swab, 0/1  OP swab, 0/1  Rectal swab, 0/1 | |  | Admitted, 1/1 (100) | |
| United States | Breslin et al.  (04-16-2020) | Case series | 18 | | NP swab, 0/18p | |  | Home, 18/18 (100) | |
| United States | Chong et al.  (07-22-2020) | Case report | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise not reported | |
| United States | Douedi et al.  (07-27-2020) | Case report | 3 | | Unspecified, 0/3 | |  | Home, 3/3 (100) | |
| United States | Easterlin et al.  (07-29-2020) | Case report | 1 | | NP swab, 0/1  Bronchial aspirate, 0/1 | |  | Home, 1/1 (100) | |
| United States | Fassett et al.  (07-03-2020) | Retrospective cohort study | 17 | | NP swab, 0/17  OP swab, 0/17 | |  | No neonatal deaths, otherwise not reported | |
| United States | Futterman et al.  (06-18-2020) | Case report | 2 | | Unspecified, 1/1 (100) | |  | Home, 1/1 (100) | |
| United States | Hansen et al.  (06-25-2020) | Case report | 1 | | Not reported | |  | No neonatal death, otherwise not reported | |
| United States | Hecht et al.  (08-02-2020) | Case series | 20 | | Not reported, 1/20 (5)  Unspecified, 1/19 (5) | |  | No neonatal deaths, otherwise not reported | |
| United States | Hirshberg et al.  (05-01-2020) | Case series | 3 | | Unspecified, 0/3 | |  | Not reported | |
| United States | Hsu et al.  (08-04-2020) | Case report | 1 | | Unspecified, 0/1 | |  | Home, 1/1 (100) | |
| United States | Igbinosa et al.  (08-07-2020) | Case report | 1 | | Not reported, 1/1 (100) | |  | No neonatal death, otherwise not reported | |
| United States | Iqbal et al.  (04-01-2020) | Case report | 1 | | NP swab, 0/1  OP swab, 0/1  Additional samples collected at delivery but not yet processed | | Collected but not processed (amniotic fluid, vaginal swab, rectal swab) | Home, 1/1 (100) | |
| United States | Kelly et al.  (04-28-2020) | Case report | 1 | | NP swab, 0/1 | |  | Admitted, 1/1 (100) | |
| United States | Lokken et al.  (05-18-2020) | Retrospective cohort study | 7 | | Not reported, 7/7 (100) | |  | Not reported | |
| United States | London et al.  (05-19-2020) | Retrospective cohort study | 55 | | Not reported, 7/55 (13%)  NP swab, 0/48 | |  | Not reported | |
| United States | Lumba et al.  (07-18-2020) | Case report | 1 | | NP swab, 0/1 | |  | Home, 1/1 (100) | |
| United States | McCoy et al.  (06-25-2020) | Case series | 4 | | Unspecified, 0/4 | |  | No neonatal deaths, otherwise not reported | |
| United States | Mehta et al.  (05-16-2020) | Case report | 2 | | Unspecified, 1/2 (50) | |  | Not reported | |
| United States | Oliva et al.  (07-16-2020) | Case report | 1 | | NP swab, 0/1 | |  | No neonatal death, otherwise not reported | |
| United States | Patil et al.  (08-10-2020) | Retrospective cohort study | 45 | | NP swab, 3/45 (7)  OP swab, 3/45 (7) | |  | Home, 43/45 (96)  Not reported, 2/45 (4) | |
| United States | Penfield et al.  (05-08-2020) | Case series | 11 | | Unspecified, 0/11 | | Placenta, 3/11 (27) | Not reported | |
| United States | Perlman et al.  (05-14-2020) | Prospective cohort study | 31 | | Unspecified, 0/31 | |  | Home, 29/31 (94)  No neonatal deaths, otherwise not reported, 2/31 (6) | |
| United States | Pierce-Williams et al.  (05-08-2020) | Retrospective/prospective cohort study | 33 | | Unspecified, 1/?q | |  | No neonatal deaths, otherwise not reported | |
| United States | Qadri et al.  (05-20-2020) | Case series | 10 | | Unspecified, 0/10 | |  | Home, 10/10 (100) | |
| United States | Rabice et al.  (05-29-2020) | Case report | 1 | | Not reported | |  | Home, 1/1 (100) | |
| United States | Salik et al.  (05-25-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | No neonatal death, otherwise not reported | |
| United States | Salvatore et al.  (07-23-2020) | Prospective cohort study | 120 | | NP swab, 0/120 | |  | Home, 73/82 (89)  Admitted, 9/82 (11)  No neonatal deaths | |
| United States | Schnettler et al.  (04-14-2020) | Case report | 1 | | NP swab, 0/1 | | Amniotic fluid, 0/1 | No neonatal death, otherwise not reported | |
| United States | Shanes et al.  (05-22-2020) | Retrospective cohort study | 15 | | NP swab, 0/15  OP swab, 0/15 | |  | Home, 14/15 (93)  Admitted, 1/15 (7) | |
| United States | Silverstein et al.  (06-04-2020) | Case report | 2 | | Unspecified, 0/2 | |  | Home, 1/1 (100)  No neonatal deaths | |
| United States | Sinelli et al.  (05-04-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | Home, 1/1 (100) | |
| United States | Sisman et al.  (07-10-2020) | Case report | 1 | | NP swab, 1/1 (100) | |  | Home, 1/1 (100) | |
| United States | Slayton-Milam et al.  (06-23-2020) | Case report | 1 | | Unspecified, 0/1 | | Amniotic fluid, 0/1  Placenta, 0/1  Breast milk, 0/1 | Home, 1/1 (100) | |
| United States | Smithgall et al.  (07-21-2020) | Case series | 51 | | NP swab, 0/51 | |  | No neonatal deaths, otherwise not reported | |
| United States | Vallejo et al.  (05-08-2020) | Case report | 1 | | Unspecified, 0/1 | |  | No neonatal death, otherwise not reported | |
| United States | Vintzileos et al.  (04-26-2020) | Retrospective cohort study | 32 | | Unspecified, 0/29 (3 neonates with pending tests) | |  | Not reported | |
| **Summary of neonates testing positive by sample type** | | | | **Neonatal samples**  NP/OP swab, 42/820 (5.1%)  Bronchial aspirate, 4/23 (17.3%)  Blood, 4/19 (21.1%)  Aanal/rectal swab, 7/68 (10.2%)  Stool, 3/22 (13.6%)  Urine, 0/20  CSF, 0/3  Gastric aspirate, 0/15  Sputum, 0/2  Unspecified, 17/400 (4.2%) | | **Delivery/maternal samples**  Cord blood, 1/34 (2.9%)  Amniotic fluid, 2/40 (5%)  Placental tissue/swab, 4/35 (11.4%)  Vaginal secretions/swab, 2/11 (18.2%)  Anal/rectal swab, 1/4 (25%)  Stool, 1/4 (25%)  Blood, 2/8 (25%)  Breast milk, 3/45 (6.7%)  Urine, 0/4  Cervical secretions/swab, 0/1 | | |  |
| **Total** |  |  | **1361 neonates** | | **No reported testing, 139 (10.2%)**  **61 (4.5%) of all neonates tested positive**  **61/1222 (5.0%) of neonates with reported testing were positive** | |  | **No reported disposition, 211 (15.5%)**  **14 (1.0%) of all neonates died**  **14 (1.2%) of neonates with reported disposition died** | |

**Supplemental Table 2 notes.** Summary of studies reporting neonatal and maternal SARS-CoV-2 PCR testing and neonatal disposition. For studies presenting data on pregnant women with confirmed and suspected COVID-19, only data for those with laboratory confirmed infection were included. If data were only presented in aggregate for confirmed and suspected maternal COVID-19 cases, these data were included but described as such. Maternal testing included in table is limited to non-respiratory samples. aSola et al. report data not only from Argentina, but also from Colombia, Ecuador, Equatorial Guinea, Honduras, Peru, and the Dominican Republic bKirtsman et al.[12] reported positive testing from placental swab from both maternal and fetal side as well as from placental tissue from both parenchyma and chorion, summarized here as positive placental swab and tissue. cInfant reported as ‘not infected’ but unclear if tested negative, or clinically without signs of infection. dInfant followed and clinically well until day of life 50, but unclear if at home or remained admitted. eStudy included one twin birth; maternal samples counted once. fOne neonate excluded as case previously reported by Zhang et al.[9] gLiu et al.[13] report no clinical or serological evidence of vertical transmission but no information provided regarding number of neonates tested or type of testing. hAuthors report on false positive OP swab in neonate, later retested and negative.[14] iOne neonate was not tested prior to hospital discharge at 11 hours of age but later tested positive on day of life 6, which may represent either vertical transmission or community-onset disease after contact with infected caregiver.[15] Neonate not included in denominator for tested or positive neonates. jSerologic testing done on infant with negative IgM at birth, and positive IgG on day of life seven. kWu et al.[16] reported 17 laboratory confirmed and 3 clinically diagnosed pregnant women who delivered; one woman delivered twins but it is not reported whether she was laboratory confirmed or clinically diagnosed. lOne neonate who tested positive for SARS-CoV-2 excluded; previously reported by Wang et al.[17]. mOne case presented in more detail in Vivanti et al.[18], excluded from count here. nNegative neonatal testing reflects samples obtained prior to discharge home; one neonate was positive on NP swab testing obtained at outpatient follow-up on day of life 15, likely reflective of postnatal transmission.[19] Both neonates had negative rectal swab PCR testing after hospital discharge. oStudy reported twin birth; maternal samples only counted once.[20] pBreslin et al.[1] report one neonate with indeterminate testing results, managed as negative. qPierce-Williams et al.[21] report 1 neonate who tested positive at 48 hours of life; no additional information on testing among remainder of neonates provided. Denominator of 1 neonate tested used for summary below. Abbreviations: COVID – coronavirus disease; CSF – cerebrospinal fluid; NP – nasopharyngeal; OP – oropharyngeal; PCR – polymerase chain reaction; SARS-CoV-2: severe acute respiratory syndrome coronavirus 2.