

SUPPLEMENT TITLE:

Every Newborn BIRTH multi-country validation study: informing measurement of coverage and quality of maternal and newborn care

PAPER TITLE:

Chlorhexidine for facility-based umbilical cord care: EN-BIRTH multi-country validation study

Additional File 6: Individual-level validation in exit-survey report of umbilical cord care practices, EN-BIRTH study (n=12,379)

| | Azimpur (BD) | | Kushtia (BD) | | Pokhara (NP) | | Overall | | | | | | |
|--|-----------------|-----------|-----------------|------------|-----------------|------------|-----------------------|--------------|--------|----|--------|----------------|----------------|
| | Tertiary | | District | | Regional | | Pooled Random Effects | | | | | | |
| | N(%) | (CI) | N(%) | (CI) | N(%) | (CI) | % | (CI) | Q | df | p-val. | i ² | τ ² |
| Exit-Survey Denominator | 2826 livebirths | | 2253 livebirths | | 6748 livebirths | | 11827 livebirths | | | | | | |
| Chlorhexidine Applied to the Cord | | | | | | | | | | | | | |
| All modes of birth Combined | | | | | | | | | | | | | |
| Observer Prevalence % | 2582 (89.3) | | 2257 (97.9) | | 7112 (99.4) | | 96.6 | (88.8,99.9) | 528.1 | 2 | <0.001 | 99.6% | 0.074 |
| Survey-Reported Prevalence % | 12 (0.4) | | 840 (37.3) | | 604 (9) | | 11.3 | (0.3,34.6) | 1757.1 | 2 | <0.001 | 99.8% | 0.256 |
| Don't know responses % | 2189 (77.5) | | 1251 (55.5) | | 5355 (79.4) | | 71.5 | (57.3,83.7) | 470.0 | 2 | <0.001 | 99.5% | 0.068 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | Yes | | No | | | | | | | | |
| % agreement | 11.0 | | 38.4 | | 9.5 | | 18.1 | (5.5,35.9) | 876.5 | 2 | <0.001 | 99.7% | 0.128 |
| Sensitivity | 0.5 | 0.2, 0.8 | 37.7 | 35.6, 39.7 | 9.1 | 8.4, 9.8 | 11.5 | (0.3,34.9) | 1653.7 | 2 | <0.001 | 99.8% | 0.021 |
| Specificity | 100 | 98.8, 100 | 71.7 | 56.5, 84 | 94.3 | 80.8, 99.3 | 93.0 | (66.1,100.0) | 49.8 | 2 | <0.001 | 95.9% | 0.348 |

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|------------------------------|------------|-----------|-------------|------------|-------------|------------|------|--------------|--------|---|--------|-------|-------|
| Positive Predictive Value % | 100 | 73.5, 100 | 98.5 | 97.4, 99.2 | 99.7 | 98.8, 100 | 99.9 | (98.8,100.0) | 5.5 | 2 | <0.001 | 63.7% | 0.063 |
| Negative Predictive Value % | 10.6 | 73.5, 100 | 2.4 | 1.6, 3.3 | 0.6 | 0.4, 0.8 | 3.5 | (0.0,12.1) | 507.7 | 2 | <0.001 | 99.6% | 0.088 |
| AUC | 0.5 | 0.5, 0.5 | 0.6 | 0.5, 0.6 | 0.5 | 0.5, 0.6 | | | | | | | |
| Inflation Factor | 0.00 | | 0.38 | | 0.09 | | | | | | | | |
| EXCLUDES DON'T KNOW | | | | | | | | | | | | | |
| >10 Cell Counts | No | | No | | No | | | | | | | | |
| % agreement | 11.5 | | 83.7 | | 44.2 | | 45.8 | (10.0,84.3) | 1047.2 | 2 | <0.001 | 99.8% | 0.551 |
| Sensitivity | 2.1 | 1.1, 3.6 | 84.7 | 82.3, 86.9 | 44.1 | 41.4, 46.8 | 39.7 | 2.7, 86.7 | 1518.0 | 2 | <0.001 | 99.9% | 0.830 |
| Specificity | 100 | 94.1, 100 | 23.5 | 6.8, 49.9 | 60 | 14.7, 94.7 | 70 | 3.2, 100 | 56.4 | 2 | <0.001 | 96.5% | 1.521 |
| Positive Predictive Value % | 100 | 73.5, 100 | 98.5 | 97.4, 99.2 | 99.7 | 98.8, 100 | 99.9 | 98.8, 100 | 5.5 | 2 | <0.001 | 63.7% | 0.005 |
| Negative Predictive Value % | 9.8 | 7.6, 12.4 | 2.6 | 0.7, 6.6 | 0.4 | 0.1, 1.2 | 3.3 | 0, 12.5 | 86.4 | 2 | <0.001 | 97.7% | 0.095 |
| AUC | 0.5 | 0.5, 0.5 | 0.5 | 0.4, 0.7 | 0.5 | 0.3, 0.8 | | | | | | | |
| Inflation Factor | 0.02 | | 0.86 | | 0.44 | | | | | | | | |
| Vaginal Births | | | | | | | | | | | | | |
| Observer Prevalence % | 731 (96.3) | | 1290 (96.5) | | 6075 (99.4) | | 97.7 | (94.4,99.6) | 78.4 | 2 | <0.001 | 97.4% | 0.023 |
| Survey-Reported Prevalence % | 4 (0.5) | | 601 (45.9) | | 536 (9.3) | | 13.6 | (0.3,41.7) | 1067.1 | 2 | <0.001 | 99.8% | 0.327 |
| Don't know responses % | 565 (76.5) | | 629 (48.1) | | 4508 (78.6) | | 68.5 | (47.9,85.9) | 450.6 | 2 | <0.001 | 99.5% | 0.138 |

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|----------------------------------|------|-----------|------|------------|------|------------|------|--------------|--------|---|--------|--------|-------|
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | Yes | | No | | | | | | | | |
| % agreement | 4.2 | | 47.8 | | 9.9 | | 17.4 | (1.6,4.4) | 932.9 | 2 | <0.001 | 99.7% | 0.286 |
| Sensitivity | 0.6 | 0.2, 1.4 | 46.9 | 44.1, 49.7 | 9.4 | 8.6, 10.2 | 13.9 | (0.3,42.5) | 1057.7 | 2 | <0.001 | 99.81% | 0.335 |
| Specificity | 100 | 87.2, 100 | 72.7 | 57.2, 85 | 93.8 | 79.2, 99.2 | 91.6 | (70.3,100.0) | 15.3 | 2 | <0.001 | 86.9% | 0.195 |
| Positive Predictive Value % | 100 | 39.8, 100 | 98 | 96.5, 99 | 99.6 | 98.7, 100 | 100 | (99.5,100.0) | 6.8 | 2 | <0.001 | 71.0% | 0.009 |
| Negative Predictive Value % | 3.7 | 2.4, 5.3 | 4.6 | 3.2, 6.4 | 0.6 | 0.4, 0.8 | 2.5 | (0.3,6.7) | 75.0 | 2 | <0.001 | 97.3% | 0.030 |
| AUC | 0.5 | 0.5, 0.5 | 0.6 | 0.5, 0.7 | 0.5 | 0.5, 0.6 | | | | | | | |
| Inflation Factor | 0.01 | | 0.48 | | 0.09 | | | | | | | | |
| EXCLUDES DON'T KNOW | | | | | | | | | | | | | |
| >10 Cell Counts | No | | No | | No | | | | | | | | |
| % agreement | 5.2 | 2.4, 9.6 | 88.2 | 85.6, 90.6 | 44.4 | 41.6, 47.3 | 44.4 | 7.5, 85.6 | 700.2 | 2 | <0.001 | 99.7% | 0.630 |
| Sensitivity | 2.4 | 0.7, 6 | 89.8 | 87.2, 92 | 44.3 | 41.5, 47.2 | 42.8 | 5, 86.8 | 796.9 | 2 | <0.001 | 99.7% | 0.731 |
| Specificity | 100 | 47.8, 100 | 25 | 7.3, 52.4 | 60 | 14.7, 94.7 | 63.2 | 11.5, 100 | 11.4 | 2 | <0.05 | 82.4% | 0.610 |
| Positive Predictive Value % | 100 | 39.8, 100 | 98 | 96.5, 99 | 99.6 | 98.7, 100 | 100 | 99.5, 100 | 6.9 | 2 | <0.05 | 71.0% | 0.009 |
| Negative Predictive Value % | 3 | 1, 6.8 | 5.6 | 1.6, 13.8 | 0.4 | 0.1, 1.3 | 2.2 | 0, 6.5 | 13.0 | 2 | <0.05 | 84.6% | 0.029 |
| AUC | 0.5 | 0.5, 0.5 | 0.6 | 0.5, 0.7 | 0.5 | 0.3, 0.8 | | | | | | | |

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|--------------------------------------|----------------|------------|---------------|------------|----------------|-----------|------|--------------|-------|---|--------|-------|-------|
| Inflation Factor | 0.02 | | 0.92 | | 0.44 | | | | | | | | |
| Cesarean Births | | | | | | | | | | | | | |
| Observer Prevalence % | 1850 (86.8) | | 967 (99.8) | | 1037 (99.2) | | 97.1 | (85.6,100.0) | 379.5 | 2 | <0.001 | 99.4% | 0.147 |
| Survey-Reported Prevalence % | 8 (0.4) | | 239 (25.3) | | 66 (6.7) | | 7.9 | (0.0,27.9) | 568.7 | 2 | <0.001 | 99.6% | 0.230 |
| Don't know responses % | 1624 (77.9) | | 622 (65.9) | | 823 (83.7) | | 76.4 | (66.6,85.0) | 90.5 | 2 | <0.001 | 97.7% | 0.036 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | No | | No | | | | | | | | |
| % agreement | 13.4 | | 25.4 | | 7.1 | | 14.5 | (6.7,24.7) | 123.4 | 2 | <0.001 | 98.3% | 0.051 |
| Sensitivity | 0.4 | 0.2, 0.9 | 25.3 | 22.6, 28.2 | 6.8 | 5.2, 8.7 | 8.0 | (0.0,28.1) | 526.0 | 2 | <0.001 | 99.6% | 0.231 |
| Specificity | 100 | 98.7, 100 | 50 | 1.3, 98.7 | 100 | 29.2, 100 | 99.6 | (61.9,100.0) | 6.34 | 2 | <0.001 | 68.4 | 0.368 |
| Positive Predictive Value % | 100 | 63.1, 100 | 99.6 | 97.7, 100 | 100 | 94, 100 | 100 | (99.8,100.0) | 33.3 | 2 | <0.001 | 0.0% | 0.0 |
| Negative Predictive Value % | 13.1 | 11.7, 14.6 | 0.1 | 0, 0.8 | 0.4 | 0.1, 1.1 | 2.5 | (0.0,14.6) | 349.0 | 2 | <0.001 | 99.4% | 0.167 |
| AUC | 0.5 | 0.5, 0.5 | 0.4 | 0, 0.9 | 0.5 | 0.1, 1.1 | | | | | | | |
| Inflation Factor | 0.00 | | 0.25 | | 0.07 | | | | | | | | |
| EXCLUDES DON'T KNOW | No | | No | | No | | | | | | | | |
| >10 Cell Counts | | | | | | | | | | | | | |
| % agreement | 13.9 | 10.9, 17.4 | 74.1 | 69, 78.8 | 42.3 | 34, 50.8 | 42.4 | 7.4, 82.7 | 324.6 | 2 | <0.001 | 99.4% | 0.575 |
| Sensitivity | 2 | 0.9, 3.9 | 74.4 | 69.2, 79.1 | 42.3 | 34, 50.8 | 34.7 | 0, 88.4 | 584.8 | 2 | <0.001 | 99.7% | 1.085 |
| Specificity | 100 | 93.6, 100 | ** | ** | ** | ** | 34.7 | 0, 88.4 | 584.8 | 2 | <0.001 | 99.7% | 1.085 |

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| Positive Predictive Value % | 100 | 63.1, 100 | 99.6 | 97.7, 100 | 100 | 94, 100 | 100 | 99.8, 100 | 0.3 | 2 | <0.05 | 0.0% | <0.001 |
| Negative Predictive Value % | 12.4 | 9.5, 15.8 | 0 | 0, 4.4 | 0 | 0, 4.4 | 2.2 | 0, 14.6 | 0.3 | 2 | <0.001 | 95.6% | 0.164 |
| AUC | 0.5 | 0.5, 0.5 | 0.4 | 0, 1 | - | - | | | | | | | |
| Inflation Factor | 0.02 | | 0.75 | | - | | | | | | | | |

Chlorhexidine applied to the Cord within 1 hour of birth

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| All modes of birth Combined | | | | | | | | | | | | | |
| Observer Prevalence % | 2314 (80) | | 2159 (93.6) | | 7006 (97.9) | | 91.9 | (78.5,99.1) | 831.1 | 2 | <0.001 | 99.7% | 0.117 |
| Survey-Reported Prevalence % | 1 (0) | | 588 (26.1) | | 316 (4.7) | | 6.6 | (0.0,23.7) | 1336.3 | 2 | <0.001 | 99.8% | 0.194 |
| Don't know responses % | 2199 (77.8) | | 1482 (65.8) | | 5643 (83.6) | | 76.3 | (65.5,85.6) | 303.6 | 2 | <0.001 | 99.3% | 0.044 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | Yes | | No | | | | | | | | |
| % agreement | 19.8 | | 29.5 | | 6.5 | | 17.4 | (5.5,34.2) | 799.9 | 2 | <0.001 | 99.7% | 0.117 |
| Sensitivity | 0 | 0, 0.2 | 26.4 | 24.5, 28.3 | 4.7 | 4.2, 5.2 | 6.7 | (0.0,23.9) | 1184.4 | 2 | <0.001 | 99.8 | 0.194 |
| Specificity | 100 | 99.3, 100 | 76.3 | 68.3, 83.1 | 96.9 | 92.1, 99.1 | 94.7 | (74.3,100.0) | 109.1 | 2 | <0.001 | 98.1% | 0.265 |
| Positive Predictive Value % | 100 | 2.5, 100 | 94.4 | 92.2, 96.1 | 98.7 | 96.7, 99.6 | 100 | (99.4,100.0) | 11.8 | 2 | <0.001 | 83.0% | 0.024 |

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| Negative Predictive Value % | 19.8 | 18.3, 21.3 | 6.4 | 5.3, 7.7 | 2 | 1.6, 2.3 | 7.9 | (0.6,22.2) | 797.6 | 2 | <0.001 | 99.7% | 0.131 |
| AUC | 0.5 | 0.5, 0.5 | 0.5 | 0.5, 0.6 | 0.5 | 0.5, 0.5 | | | | | | | |
| Inflation Factor | 0.00 | | 0.28 | | 0.05 | | | | | | | | |
| Vaginal Births | | | | | | | | | | | | | |
| Observer Prevalence % | 668 (88) | | 1229 (91.9) | | 5983 (97.9) | | 93.3 | (85.3,98.3) | 180.2 | 2 | <0.001 | 98.8% | 0.056 |
| Survey-Reported Prevalence % | 0 (0) | | 402 (30.7) | | 288 (5) | | 7.5 | (0.0,27.4) | 760.1 | 2 | <0.001 | 99.7% | 0.058 |
| Don't know responses % | 569 (77) | | 818 (62.5) | | 4756 (82.9) | | 74.8 | (60.6,86.6) | 234.8 | 2 | <0.001 | 99.1 | 0.071 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | Yes | | No | | | | | | | | |
| % agreement | ** | | 34.5 | | 6.9 | | 16.3 | (3.2,36.7) | 560.3 | 2 | <0.001 | 99.6% | 0.172 |
| Sensitivity | ** | ** | 31.2 | 28.6, 34 | 5.1 | 4.5, 5.7 | 7.6 | (0.0,27.8) | 704.1 | 2 | <0.001 | 99.7% | 0.235 |
| Specificity | ** | ** | 72.8 | 63.2, 81.1 | 96.4 | 91, 99 | 93.4 | (72.5,100.0) | 51.3 | 2 | <0.001 | 96.1% | 0.245 |
| Positive Predictive Value % | ** | ** | 93 | 90.1, 95.3 | 98.6 | 96.5, 99.6 | 95.8 | (94.2,97.2) | - | - | <0.001 | - | - |
| Negative Predictive Value % | ** | ** | 8.4 | 6.6, 10.4 | 2 | 1.6, 2.4 | 6.7 | (1.4,15.4) | 167.4 | 2 | <0.001 | 98.8% | 0.061 |
| AUC | ** | ** | 0.5 | 0.5, 0.6 | 0.5 | 0.5, 0.5 | | | | | | | |
| Inflation Factor | ** | | 0.34 | | 0.05 | | | | | | | | |
| Cesarean Births | | | | | | | | | | | | | |
| Observer Prevalence % | 1646 (77.2) | | 930 (96) | | 1023 (97.9) | | 92.2 | (75.5,99.8) | 440.7 | 2 | <0.001 | 99.5% | 0.171 |

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|-------------------------------------|-------------|------------|-------------|------------|-------------|-----------|------|---------------|--------|---|--------|-------|-------|
| Survey-Reported Prevalence % | 1 (0) | | 186 (19.7) | | 26 (2.6) | | 4.6 | (0.0,20.5) | 489.9 | 2 | <0.001 | 99.5% | 0.198 |
| Don't know responses % | 1630 (78.1) | | 664 (70.3) | | 863 (87.8) | | 79.5 | (69.5,87.9) | 100.9 | 2 | <0.001 | 98.0% | 0.040 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | No | | No | | | | | | | | |
| % agreement | 22.5 | | 22.5 | | 4.1 | | 15.0 | (4.8,29.5) | 229.9 | 2 | <0.001 | 99.1% | 0.096 |
| Sensitivity | 0.1 | 0, 0.3 | 20 | 17.4, 22.7 | 2.3 | 1.4, 3.5 | 4.5 | (0.0,20.6) | 439.5 | 2 | <0.001 | 99.5% | 0.203 |
| Specificity | 100 | 99.2, 100 | 86.1 | 70.5, 95.3 | 100 | 79.4, 100 | 98.2 | (83.6,100.0) | 19.1 | 2 | <0.001 | 89.5% | 0.175 |
| Positive Predictive Value % | 100 | 2.5, 100 | 97.3 | 93.8, 99.1 | 100 | 83.2, 100 | 100 | (100.0,100.0) | 59.2 | 2 | <0.001 | 0.0% | 0.0 |
| Negative Predictive Value % | 22.5 | 20.7, 24.3 | 4.1 | 2.8, 5.8 | 1.9 | 1.1, 3 | 7.6 | (0.1,24.6) | 390.5 | 2 | <0.001 | 99.4% | 0.179 |
| AUC | 0.5 | 0.5, 0.5 | 0.5 | 0.5, 0.6 | 0.5 | 0.5, 0.5 | | | | | | | |
| Inflation Factor | 0.00 | | 0.21 | | 0.02 | | | | | | | | |
| Anything Applied to the Cord | | | | | | | | | | | | | |
| All modes of birth Combined | | | | | | | | | | | | | |
| Observer Prevalence % | 2588 (89.4) | | 2260 (97.9) | | 7123 (99.3) | | 96.5 | (89.0,99.9) | 503.6 | 2 | <0.001 | 99.6% | 0.071 |
| Survey-Reported Prevalence % | 87 (3.1) | | 1393 (61.8) | | 631 (9.4) | | 20.1 | (0.7,55.8) | 3075.6 | 2 | <0.001 | 99.9% | 0.448 |
| Don't know responses % | 2115 (74.8) | | 698 (31) | | 5328 (79) | | 62.5 | (34.1,86.8) | 1775.8 | 2 | <0.001 | 99.9% | 0.259 |

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| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | Yes | | No | | | | | | | | |
| % agreement | 12.9 | | 61.6 | | 9.7 | | 25.5 | (3.7,57.8) | 2376.9 | 2 | <0.001 | 99.9% | 0.349 |
| Sensitivity | 3.1 | 2.4, 3.8 | 62.1 | 60, 64.1 | 9.4 | 8.7, 10.2 | 20.1 | (0.7,56.3) | 2969.3 | 2 | <0.001 | 99.9% | 0.458 |
| Specificity | 96.9 | 94.3, 98.6 | 38.6 | 24.4, 54.5 | 91.7 | 73, 99 | 80.6 | (35.3,100.0) | 79.71 | 2 | <0.001 | 97.5% | 0.660 |
| Positive Predictive Value % | 89.7 | 81.3, 95.2 | 98.1 | 97.2, 98.7 | 99.7 | 98.8, 100 | 97.6 | (93.6,99.7) | 26.3 | 2 | <0.001 | 92.4% | 0.025 |
| Negative Predictive Value % | 10.4 | 9.3, 11.6 | 2 | 1.2, 3.2 | 0.4 | 0.2, 0.6 | 3.1 | (0.0,12.7) | 536.4 | 2 | <0.001 | 99.6% | 0.108 |
| AUC | 0.5 | 0.5, 0.5 | 0.5 | 0.4, 0.6 | 0.5 | 0.5, 0.6 | | | | | | | |
| Inflation Factor | 0.03 | | 0.63 | | 0.09 | | | | | | | | |
| Vaginal Births | | | | | | | | | | | | | |
| Observer Prevalence % | 732 (96.3) | | 1293 (96.7) | | 6085 (99.3) | | 97.7 | (94.7,99.5) | 69.322 | 2 | <0.001 | 97.1% | 0.020 |
| Survey-Reported Prevalence % | 14 (1.9) | | 915 (69.9) | | 559 (9.7) | | 21.6 | (0.0,65.8) | 2178.1 | 2 | <0.001 | 99.9% | 0.667 |
| Don't know responses % | 555 (75.1) | | 315 (24.1) | | 4485 (78.1) | | 59.7 | (23.9,90.4) | 1409.5 | 2 | <0.001 | 99.8% | 0.432 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | Yes | | No | | | | | | | | |
| % agreement | 5.2 | | 69.6 | | 10.1 | | 24.1 | (0.1,66.8) | 1987.9 | 2 | <0.001 | 99.8% | 0.611 |
| Sensitivity | 1.8 | 1, 3.1 | 70.7 | 68.1, 73.2 | 9.8 | 9, 10.6 | 21.7 | (0.0,66.3) | 2142.9 | 2 | <0.001 | 99.9% | 0.678 |
| Specificity | 96.2 | 80.4, 99.9 | 38.1 | 23.6, 54.4 | 90.9 | 70.8, 98.9 | 78.4 | (34.6,100.0) | 35.7 | 2 | <0.001 | 94.4% | 0.576 |

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|----------------------------------|----------------|------------|---------------|------------|---------------|-----------|------|--------------|--------|---|--------|-------|-------|
| Positive Predictive Value % | 92.9 | 66.1, 99.8 | 97.2 | 95.9, 98.1 | 99.6 | 98.7, 100 | 99.0 | (95.4,100.0) | 17.9 | 2 | <0.001 | 88.2% | 0.021 |
| Negative Predictive Value % | 3.5 | 2.2, 5.1 | 4.2 | 2.4, 6.7 | 0.4 | 0.2, 0.6 | 2.2 | (0.2,6.3) | 64.271 | 2 | <0.001 | 96.9 | 0.033 |
| AUC | 0.5 | 0.5, 0.5 | 0.5 | 0.5, 0.6 | 0.5 | 0.4, 0.6 | | | | | | | |
| Inflation Factor | 0.02 | | 0.73 | | 0.10 | | | | | | | | |
| Cesarean Births | | | | | | | | | | | | | |
| Observer Prevalence % | 1855 (86.9) | | 967 (99.6) | | 1038 (99) | | 96.8 | (85.8,100) | 337.0 | 2 | <0.001 | 99.4% | 0.131 |
| Survey-Reported Prevalence % | 73 (3.5) | | 478 (50.6) | | 70 (7.1) | | 16.4 | (0.3,48.9) | 979.0 | 2 | <0.001 | 99.8% | 0.397 |
| Don't know responses % | 1560 (74.8) | | 383 (40.6) | | 819 (83.3) | | 67.5 | (43.1,87.7) | 470.4 | 2 | <0.001 | 99.5% | 0.190 |
| INCLUDES DON'T KNOW AS NO | | | | | | | | | | | | | |
| >10 Cell Counts | No | | No | | No | | | | | | | | |
| % agreement | 15.6 | | 50.6 | | 7.4 | | 22.2 | (4.6,48.0) | 557.5 | 2 | <0.001 | 99.4% | 0.234 |
| Sensitivity | 3.6 | 2.8, 4.5 | 50.6 | 47.4, 53.9 | 7.2 | 5.5, 9.1 | 16.5 | (0.3,49.6) | 935.5 | 2 | <0.001 | 99.7% | 0.410 |
| Specificity | 97 | 94.2, 98.7 | 50 | 1.3, 98.7 | 100 | 15.8, 100 | 98.5 | (66.9,100.0) | 3.7 | 2 | <0.001 | 47.3% | 0.182 |
| Positive Predictive Value % | 89 | 79.5, 95.1 | 99.8 | 98.8, 100 | 100 | 94.3, 100 | 98.2 | (90.1,100.0) | 21.7 | 2 | <0.001 | 90.7% | 0.086 |
| Negative Predictive Value % | 12.9 | 11.5, 14.5 | 0.2 | 0, 1.2 | 0.2 | 0, 0.9 | 2.5 | (0.0,14.7) | 307.1 | 2 | <0.001 | 99.3% | 0.169 |
| AUC | 0.5 | 0.5, 0.5 | 0.5 | 0, 1 | 0.5 | 0.5, 0.5 | | | | | | | |
| Inflation Factor | 0.04 | | 0.51 | | 0.07 | | | | | | | | |

n=12,379 observed livebirths, n=11,827 livebirths with survey

*Red colour: cell count is <5 in 2x2 table; ** indicates 2x2 table could not be constructed; Green colour: cell count is ≥5 but <10 in 2x2 table*