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| --- | --- |
|  | Outbreak ID:VHF ID:Laboratory ID: |
| **Investigation Form** **for possible sexual transmission of Ebola to a partner of an Ebola survivor**  |
| *Note: This form is to be used to determine whether epidemiologic evidence exists in support of transmission of Ebola virus disease from a survivor to a sexual partner after recovery from acute Ebola infection. In this form,* ***the “case” is the reported new Ebola case*** *for whom sexual transmission is suspected*. |
| Case ID number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Is case confirmed? □ Yes □ No If No, **STOP** | Date of case report: \_\_\_\_ /\_\_\_\_ /\_\_\_\_ MM DD YY |
| 1. Has the Ebola case had any sexual contact (vaginal, oral, anal) with an Ebola survivor since the survivor was discharged from an ETU?
 | □ Yes □ No □ Unk |
|  If **no** or **unknown**, **STOP** and tick “**No evidence of sexual exposure during the incubation period**” on page 3 (transmission classification) |  |
|  If yes, was a condom used? | □ Every time □ Sometimes □ Never |
|  What is the survivor’s Case ID number? |  |
| 1. Was this case followed as a contact of the above-referenced survivor?
 | □ Yes □ No □ Unk |
| 1. Does the case have any epidemiologic risk factors listed on the Ebola case investigation form?
 | □ Yes □ No |
|  If **no**, confirm by asking again about risk factors on case investigation form |  |
| **Please enter the following dates as accurately as possible. The letters assigned to each date (A, B, C, D) will facilitate performing time interval calculations. After you have entered the date, use the table on page 2 to determine the day of the year, and enter that number to the right of the date (day of year column).**  **Day of year\*** |
| 1. Date of symptom onset in case
 | A= \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ \_\_\_\_\_\_\_\_ MM DD YY |
| 1. Date of last contact (ANY contact) with survivor while survivor was symptomatic and before survivor was admitted to ETU
 | B= \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ \_\_\_\_\_\_\_\_ MM DD YY |
| 1. Date of last (most recent) sexual contact with survivor after survivor was discharged from ETU
 | C= \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ \_\_\_\_\_\_\_\_ MM DD YY |
| 1. Date survivor was discharged from ETU
 | D= \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ \_\_\_\_\_\_\_\_ MM DD YY |

Public reporting burden of this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.  Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74,  Atlanta, Georgia 30333; ATTN:  PRA (0920-xxxx).

The following table assigns a number to each day of the year and can be used to easily subtract one date from another, particularly if they are in different months.

To use the table, find the month in the top row, and find the day of the month in the far left column. Then locate the place where the Month and Day intersect.

In the example highlighted below, August 23rd is the 235th day of the year, and October 1st is the 274th day. If the date of symptom onset was October 1st, and the date of last sexual contact was August 23rd, the interval would be (274-235) or 39 days.

|  |  |
| --- | --- |
|  | **Month** |
| **Day** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** |
| **1** | 1 | 32 | 60 | 91 | 121 | 152 | 182 | 213 | 244 | 274 | 305 | 335 |
| **2** | 2 | 33 | 61 | 92 | 122 | 153 | 183 | 214 | 245 | 275 | 306 | 336 |
| **3** | 3 | 34 | 62 | 93 | 123 | 154 | 184 | 215 | 246 | 276 | 307 | 337 |
| **4** | 4 | 35 | 63 | 94 | 124 | 155 | 185 | 216 | 247 | 277 | 308 | 338 |
| **5** | 5 | 36 | 64 | 95 | 125 | 156 | 186 | 217 | 248 | 278 | 309 | 339 |
| **6** | 6 | 37 | 65 | 96 | 126 | 157 | 187 | 218 | 249 | 279 | 310 | 340 |
| **7** | 7 | 38 | 66 | 97 | 127 | 158 | 188 | 219 | 250 | 280 | 311 | 341 |
| **8** | 8 | 39 | 67 | 98 | 128 | 159 | 189 | 220 | 251 | 281 | 312 | 342 |
| **9** | 9 | 40 | 68 | 99 | 129 | 160 | 190 | 221 | 252 | 282 | 313 | 343 |
| **10** | 10 | 41 | 69 | 100 | 130 | 161 | 191 | 222 | 253 | 283 | 314 | 344 |
| **11** | 11 | 42 | 70 | 101 | 131 | 162 | 192 | 223 | 254 | 284 | 315 | 345 |
| **12** | 12 | 43 | 71 | 102 | 132 | 163 | 193 | 224 | 255 | 285 | 316 | 346 |
| **13** | 13 | 44 | 72 | 103 | 133 | 164 | 194 | 225 | 256 | 286 | 317 | 347 |
| **14** | 14 | 45 | 73 | 104 | 134 | 165 | 195 | 226 | 257 | 287 | 318 | 348 |
| **15** | 15 | 46 | 74 | 105 | 135 | 166 | 196 | 227 | 258 | 288 | 319 | 349 |
| **16** | 16 | 47 | 75 | 106 | 136 | 167 | 197 | 228 | 259 | 289 | 320 | 350 |
| **17** | 17 | 48 | 76 | 107 | 137 | 168 | 198 | 229 | 260 | 290 | 321 | 351 |
| **18** | 18 | 49 | 77 | 108 | 138 | 169 | 199 | 230 | 261 | 291 | 322 | 352 |
| **19** | 19 | 50 | 78 | 109 | 139 | 170 | 200 | 231 | 262 | 292 | 323 | 353 |
| **20** | 20 | 51 | 79 | 110 | 140 | 171 | 201 | 232 | 263 | 293 | 324 | 354 |
| **21** | 21 | 52 | 80 | 111 | 141 | 172 | 202 | 233 | 264 | 294 | 325 | 355 |
| **22** | 22 | 53 | 81 | 112 | 142 | 173 | 203 | 234 | 265 | 295 | 326 | 356 |
| **23** | 23 | 54 | 82 | 113 | 143 | 174 | 204 | 235 | 266 | 296 | 327 | 357 |
| **24** | 24 | 55 | 83 | 114 | 144 | 175 | 205 | 236 | 267 | 297 | 328 | 358 |
| **25** | 25 | 56 | 84 | 115 | 145 | 176 | 206 | 237 | 268 | 298 | 329 | 359 |
| **26** | 26 | 57 | 85 | 116 | 146 | 177 | 207 | 238 | 269 | 299 | 330 | 360 |
| **27** | 27 | 58 | 86 | 117 | 147 | 178 | 208 | 239 | 270 | 300 | 331 | 361 |
| **28** | 28 | 59 | 87 | 118 | 148 | 179 | 209 | 240 | 271 | 301 | 332 | 362 |
| **29** | 29 |   | 88 | 119 | 149 | 180 | 210 | 241 | 272 | 302 | 333 | 363 |
| **30** | 30 |   | 89 | 120 | 150 | 181 | 211 | 242 | 273 | 303 | 334 | 364 |
| **31** | 31 |   | 90 |   | 151 |   | 212 | 243 |   | 304 |   | 365 |

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| --- |
| **Using the days of the year associated for the dates on page 1\*, calculate the following time intervals in number of days, using the formulas provided:** |
| Time between last contact *of any kind* while the survivor was ill with acute Ebola and case’s symptom onset: | (A - B) =  |
| Interval from last sexual contact prior to symptom onset in the case: | (A - C) =  |
| Answer the following questions based on the calculations above: |  |
| 1. Is **(A -B) ≥21**?
2. Is **(A -C)<2** and only sexual contact?
3. Is **(A -C) ≤21**?
 | □ Yes □ No□ Yes □ No□ Yes □ No |
| Answer the following questions about the case: |  |
| 1. Did the case reside in an area **with other Ebola cases** in the 21 days before symptom onset?
 | □ Yes □ No |
| 1. Did the case **travel to an area with ongoing Ebola transmission** during the 2-21 days before symptom onset?
 | □ Yes □ No |
| Use the table below to determine the **risk classification**, based on the responses to questions 1-5 above: |
| **Question 1** | **Question 2**  | **Question 3** | **Question 4** | **Question 5** | **Risk Classification**  |
| Yes | No | Yes | Yes | No | Possible sexual transmission of Ebola virus from an Ebola survivor |
| Yes | No | Yes | No | Yes  | Possible sexual transmission of Ebola virus from an Ebola survivor |
| Yes | No | Yes | No | No | Probable sexual transmission of Ebola virus from an Ebola survivor |
|  | Yes | No |  |  | No evidence of sexual exposure during incubation period/Infection unlikely due to sexual exposure to the survivor |
| No |  |  |  |  | Exposure to survivor during acute illness in incubation period is possible |
| **Transmission Classification (tick one)****Possible sexual transmission of Ebola virus from an Ebola survivor** □ In a community **with** ongoing transmission of Ebola, possible sexual transmission of Ebola virus is when a sex partner of a confirmed Ebola survivor has a confirmed Ebola infection with symptom onset > 2 days after having sex with the survivor, > 21 days after last contact while the survivor was ill with acute Ebola, and further investigation of the sex partner’s travel history and community contacts could not rule out other potential sources of Ebola exposure**Probable sexual transmission of Ebola virus from an Ebola survivor** □In a community **without** ongoing transmission of Ebola, probable sexual transmission of Ebola virus is when a sex partner of a confirmed Ebola survivor has a confirmed Ebola infection with symptom onset > 2 days after having sex with the survivor, > 21 days after last contact while the survivor was ill with acute Ebola, and further investigation of the sex partner’s travel history and community contacts identified no other potential source of Ebola exposure**No evidence of sexual exposure during the incubation period** □ **Exposure to survivor during acute illness in incubation period is possible** □ |
| **Additional comments**:Assessment of sexual contact during survivor’s recovery period based on answers on page 11. Timing between last (most recent) sexual contact with survivor after survivor’s ETU discharge

 (C – D) = \_\_\_\_\_\_\_\_Is **(C -D)** ≤ **90**? □ Yes □ No If no, then **(C – D)** > **90.** |