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| **S1 Appendix 1. Previous studies that found coinfection between influenza and dengue.** |
| **Epidemiologic situation / country/Year [Ref]** | **Reported cases** | **Age** | **Symptomathology a** |  | **Lab. Diagnosis** | **Healt care level and outcome** |
| **Acute reapiratory ilness** | **Dengue** |  | **Influenza** | **Dengue** |
| **Seasonal Flu** |   |   |   |   |   |   |   |   |
| Thailand (2001-2002) [1] | 4 | 15-89 years old | NR | NR |   | ELISAc | ELISAc | Admitted in hospital |
| Thailand (1991-1993) [2] | 1 | 62 yearsb | NR | NR |   | ELISAc | ELISAc | Deceased |
| **Pandemic flu (H1N1pnd09)** |   |   |   |   |   |   |   |   |
| Saudi Arabia [3] | 1 | 44 Years old | Yes | No |   | PCR | PCR | Admitted in ICU |
| Puerto Rico [4] | 1d | 33 | Yes | No |   | PCR  | PCR | Outpatient case |
| Puerto Rico  [5] | 1 | NR | NR | NR |   | PCR | NR | NR |
| Vietnam [6] | 2 | NR | NR | NR |   | NR | NR | Deceased |
| El Salvador [7] | 4 | Two children | NR | NR |   | PCR | ELISAe | -- |
| India [8] | 1 | 23 Years old | Yes | Yes |   | ELISAc | ELISAc | Admitted in ICU |
| Barbados [9] | 8 | NR | NR | NR |   | PCR | PCRf | -- |
| Nicaragua [10] | 4 | 5-11 Years old | 3 yes | 4 yes |   | PCR | PCRf | 3 admitted in ICU, 1 deceased |
| a Characteristic symptomas for each disease, excluded fever. b Also presented diagnosis of tiphoidea fever. C Paired samples. d Health care worker. e  Single sample by case. f Dengue 3. NR Not reported. ICU Intensive Care Unit. |
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