



STÁTNÍ ZDRAVOTNÍ ÚSTAV

## Zarděnky vrozené včetně Vrozeného zarděnkového syndromu - eu "case" definice

RUBELLA, CONGENITAL  
(Including Congenital Rubella Syndrome)

### Clinical Criteria

*Congenital rubella infection (CRI)*

No clinical criteria can be defined for CRI

*Congenital rubella syndrome (CRS)*

Any infant < 1 year of age or any stillborn with:

- At least two of the conditions listed in (A)

OR

- One in category (A) and one in category (B)

(A)

- Cataract(s)
- Congenital glaucoma
- Congenital heart disease
- Loss of hearing
- Pigmentary retinopathy

(B)

- Purpura
- Splenomegaly
- Microcephaly
- Developmental delay
- Meningo-encephalitis
- Radiolucent bone disease
- Jaundice that begins within 24 hours after birth

### Laboratory Criteria

At least one of the following four:

- Isolation of rubella virus from a clinical specimen
- Detection of Rubella virus nucleic acid
- Rubella virus specific antibody response (IgM)
- Persistence of rubella IgG between 6 and 12 months of age (at least two samples with similar concentration of rubella IgG)

Laboratory results need to be interpreted according to the vaccination status

### Epidemiological Criteria

Any infant or any stillborn born to a woman with a laboratory confirmed rubella infection during pregnancy by human to human transmission vertical transmission)



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### **Case Classification Congenital Rubella**

**A. Possible case** NA

**B. Probable case**

Any stillborn or infant either not tested OR with negative laboratory results with at least one of the following two:

- An epidemiological link AND at least one category "A" CRS clinical criteria
- Meeting the clinical criteria for CRS

**C. Confirmed case**

Any stillborn meeting the laboratory criteria

OR

Any infant meeting the laboratory criteria AND at least one of the following two:

- An epidemiological link
- At least one category "A" CRS clinical criteria

An infant with positive laboratory criteria only without a history of rubella in the mother during the pregnancy and without "A" clinical criteria will therefore be reported as rubella case.