

# CONGENITAL CMV MONTHLY INTERNATIONAL VIRTUAL CLINICS: A CCMVNET EUROPEAN INITIATIVE (O0064)

## Topic

AS06. Infections in early life

## Authors

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## Backgrounds:

The Congenital CMV Network (cCMVnet) is a European initiative promoting international collaboration, research and educational activities in cCMV. In 2020 the Network established the European cCMV registry collecting data on epidemiology, clinical characteristics, long term sequelae and treatment of infants born with cCMV. An online virtual clinic has also been initiated, a forum for clinicians to review complex cases and treatment strategies.

## Methods

From February 2021, via an online platform, monthly virtual clinics were established (last Wednesday of the month). A standardized slide set is available for case presentations including: history, clinical and laboratory data, imaging, treatment, and clinical questions for discussion (usually around 20 minutes per case).

## Results:

Sixteen monthly virtual clinics have run so far, reviewing 64 patients. Approximately 40 clinicians across multiple specialties (general paediatrics, neonatology, paediatric infectious diseases, audiology, obstetrics, ENT, virology) and countries (including Spain, UK, Greece, Germany, Estonia, Iceland, Denmark) have attended each clinic. Recommendations from the cCMVnet steering committee and other experts in the field were provided, and summarised in anonymised feedback. Issues discussed include management of preterm infants with cCMV (12 cases), treatment options when cCMV is diagnosed after the neonatal period (11), treatment related side effects (5), brain MRI imaging considerations(8), deranged liver function during treatment(4), hearing impairment(4).

## Conclusions/Learning Points:

Overall, this educational activity received highly positive verbal feedback from the participants. The clinic highlights the gaps in treatment guidelines and the urgent need for further clinical research. Our future plan is to create a bank of anonymised complex cCMV cases available as a training tool. Anyone wishing to discuss a case, please contact [ccmvnet@gmail.com](mailto:ccmvnet@gmail.com).