Monitoring intraventricular vancomycin for ventriculostomy access device infection in preterm infants

Child’s Nervous System

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Online Resource 3:

Figure 3

IVV dosages and CSF drug concentrations in IVV treatment of 2 preterm infants with ventriculitis

a) Vancomycin starting dose 3mg (preterm infant 25 week GA, diagnosis of Ventriculitis on day 3 of daily Ommaya reservoir taps for treatment of PHVD); b) Vancomycin starting dose 15mg (preterm infant 24 week GA, diagnosis of Ventriculitis on day 33 of daily Ommaya reservoir taps for treatment of PHVD). X-axis denotes time (hour), y-axis denotes CSF vancomycin level (mg/L), and arrows indicate the IVV dose timings.

Figure 3 a)
Figure 3b)

Intraventricular Vancomycin Dose & CSF Vancomycin Levels-24/40

mg/L

0 100 200 300 400 500 600 700 800

Hours

CSF Vanc Level mg/L