

Retrospective Study about the Short-term Prognosis of Extremely Low-Birth-Weight Infants

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Abstract : We examined the short-term prognosis of extremely low-birth-weight infants (ELBWI) who were admitted to our NICU from 2001 through 2005. Sixty-eight of 105 infants (64.7%) survived and were discharged from our unit. The survival rate of the infants who were born in the 22nd and 23rd gestational weeks was 22.2%, while that of infants who were born in the 26th week or later was 83%. A total of 24 infants (64.9%) in the fatal cases died within the first 7 days of life. Ten of the cases were died within 24 hours after birth. Survivors who had been born in the 26th week of gestational age or earlier showed abnormalities in their MRI findings. Based on the above findings, it is therefore important to further improve the management for high risk delivery in order to prevent early neonatal death.

Key words : Extremely-low-birth-weight infant, Short-term prognosis, Neonatal intensive care unit, High risk neonate medical service