



Examples of products equipped with built-in safeguards for medication errors





- (Case 2) 250 mg of cyclosporine injection containing surfactant was mixed into 250 mL of physiological saline solution. It was administered at a flow rate of 10 mL/h. However, some of the drug solution still remained even at the planned time of completion.
- Precautions when using a drip sensor control type infusion pump
- For some drugs, the size of drop differs because of the influence of excipients such as surfactants, so adjust (correct) the flow rate when using drip sensor control type infusion pumps.





infusion volume becomes smaller than the programmed value. To administer the drug accurately, there is a need to correct it to the proper flow rate.(Because of the surfactant effects of polyoxyethylene caster oil that is an excipient of this drug, the size of a drop inside the drip chamber is believed to become smaller.) *This part is indicated in Japanese.

Excerpts from the package insert of Sandimmun for i.v. infusion 250mg (Novartis Pharma K.K.)

The Ministry of Health, Labour and Welfare (MHLW) has issued notifications that are related to the issues in this PMDA Medical Safety Information No. 21.

 "Preventive Measures against Medication Errors Related to Infusion Pumps, etc." PMSB Notification No. 0318001 dated on March 18, 2003

Information on this notification is available at the Pharmaceuticals and Medical Devices Information website (in Japanese)

http://www.info.pmda.go.jp/iryoujiko/file/20030318.pdf

About this information

- * PMDA Medical Safety Information is issued by the Pharmaceuticals and Medical Devices Agency for the purpose of providing healthcare providers with clearer information from the perspective of promoting the safe use of pharmaceuticals and medical devices. The information presented here has been compiled, with the assistance of expert advice, from cases collected as Medical Accident Information Reports by the Japan Council for Quality Health Care, and collected as Adverse Drug Reaction and Malfunction Reports in accordance with the Pharmaceutical Affairs Law.
- * We have tried to ensure the accuracy of this information at the time of its compilation but do not guarantee its accuracy in the future.
- * This information is not intended to impose constraints on the discretion of healthcare professionals or to impose obligations and responsibility on them, but is provided as a support to promote the safe use of pharmaceuticals and medical devices by healthcare professionals.

