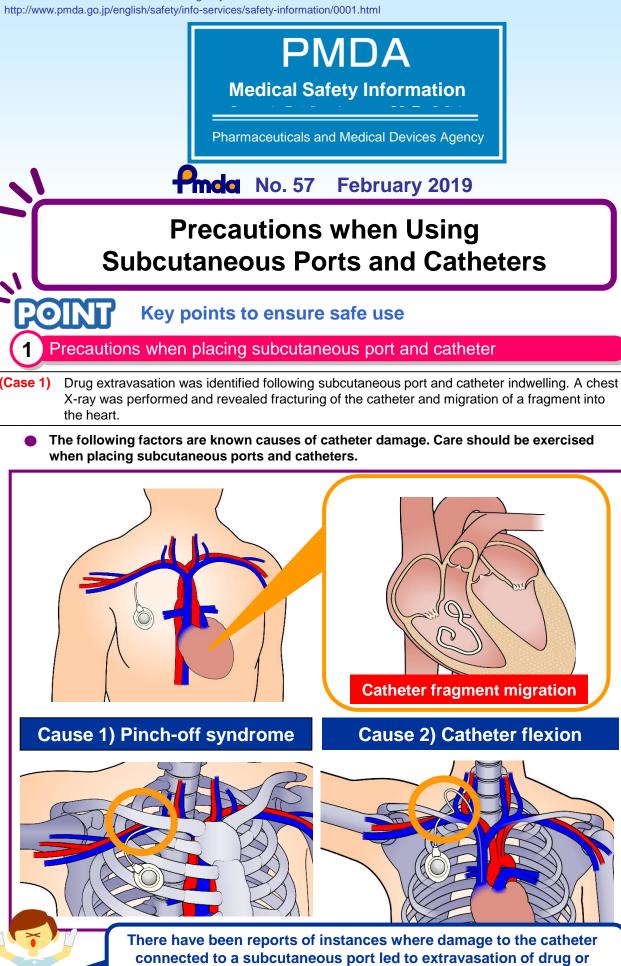
Medical Safety Information Pharmaceuticals and Medical Devices Agency http://www.pmda.go.ip/english/safety/info-services/safety-information/0001.html



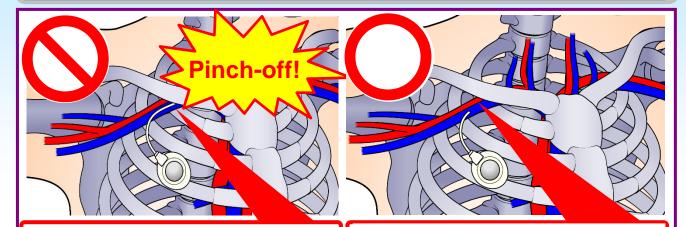
migration of a fragment of the damaged catheter to heart tissue.

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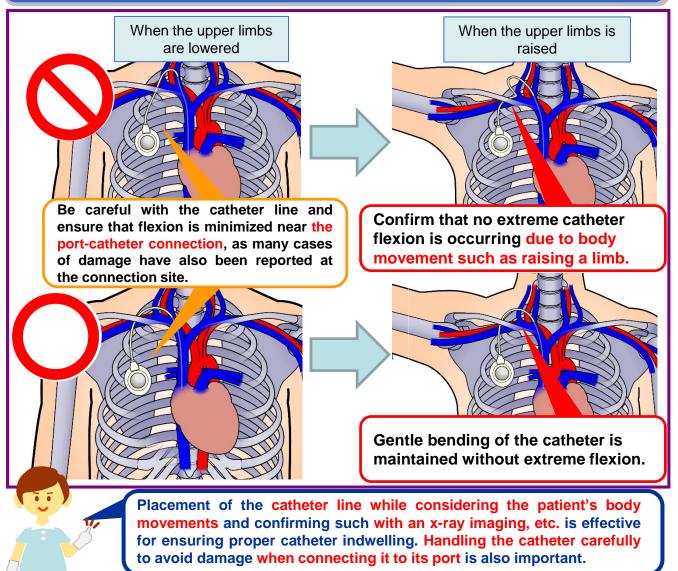
http://www.pmda.go.jp/english/safety/info-services/safety-information/0001.html

## 1) Precautions for the subclavian vein approach



A catheter can be severely compressed by bone and ligament tissue when the puncture site passes the contact point between the clavicle and the first rib. This may lead to catheter fragmentation. By placing the puncture site outside the contact point between the clavicle and the first rib, the catheter will not be compressed or easily fractured as it is protected inside the blood vessel when the line passes the contact point.

## 2) Precautions related to catheter flexion



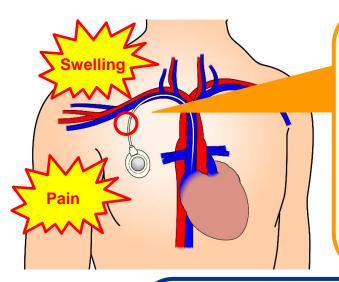
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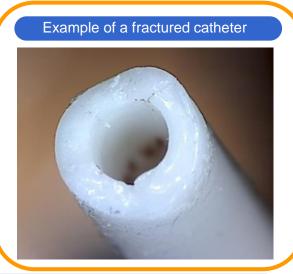
Precautions for after subcutaneous port and catheter placement

(Case 2) Catheter fracture was discovered 1 month after subcutaneous port and catheter placement.

(Case 3) Catheter fracture was discovered 11 years after subcutaneous port and catheter placement.

- There is a risk of catheter fracture caused by damage such as cracks resulting from physical stress due to body movement or material degradation, regardless of the duration of catheterization.
- Consider prompt removal of catheters from patients in whom the device is no longer needed.







When a catheter is not used for a certain period of time for reasons such as suspension of drug therapy, be sure to check the catheter periodically to confirm there are no abnormalities such as damage. Catheters should also be checked before resuming use. If a patient complains of pain or discomfort when flushing a catheter or administering a drug via catheter, when swelling is observed near the indwelling site, or when the drug is not infusing properly, it is possible that catheter cracking or blockage may have occurred. Examine the catheter using x-ray imaging, etc., and remove the catheter if any abnormalities are discovered.

## The Ministry of Health, Labour and Welfare (MHLW) issued an administrative notice, and PMDA issued investigation results in PMDA Medical Safety Information No. 57.

 Pharmaceutical and Food Safety Bureau [PFSB]/Safety Division [SD] Notification No. 0525001, dated May 25, 2011

Revision of Package Inserts of Subcutaneous Ports and Catheters

## 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 Law on Securing Quality, Efficacy and Safety of Pharmaceuticals and Medical Devices.

\* 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.



Published by the Pharmaceuticals and Medical Devices Agency

Contact: Medical Safety Information Group 3/3 Access to the most up-to-date safety information is provided via the PMDA Medi-navi service.



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