Accidental Removal of Tubes and Lines

**Key points for safe use**

**Case 1** When the body position of a patient on a ventilator was changed without holding the tracheostomy tube and breathing circuit, the tracheostomy tube was accidentally removed.

1. **Precautions when changing body position**

- When changing the body position while using a ventilator, the tracheostomy tube, etc., should be held.

Be careful when changing the body position of patients with inserted tubes.

Note) Refer also to the “PMDA Medical Safety Information No. 30” and “PMDA Medical Safety Information No. 35” for information about the risk of re-intubation.
Other cases of accidental removal

**When moving patients between beds**

The drainage bag remains fixed!

The line is caught by the operating table!

**Before moving patients, make sure to carefully observe whether lines will be caught, and confirm whether infusion stands and drainage bags should be moved.**

(Case 2) While a patient was walking in a hospital, an infusion line was caught by a handrail in the corridor and removed.

**2 Precautions for patients’ behaviors**

- Depending on certain patient’s level and range of activity, adjust the length of the lines, etc.
**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.

**Cases of accidental line removal were reported in various situations at hospitals.**

*Many of them were noted in patients with dementia.*

![Caught by a bed rail](image1)
![Caught by a wheelchair](image2)